



3rd Edition
2022

Compendium of State Pipeline Safety Requirements & Initiatives Providing Increased Public Safety Levels compared to Code of Federal Regulations



National Association of Pipeline
Safety Representatives

NAPSR

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Cover photo courtesy of Washington Utilities and Transportation Commission.

THIRD EDITION
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Foreword:

National Association of Pipeline Safety Representatives (NAPSR) members represent the 48 contiguous states, Puerto Rico and the District of Columbia. Nearly 90% of the nation's 2.3 million miles of gas pipeline are subject to NAPSR's approximately 300 inspectors. This broad spectrum of entities incorporates multiple approaches and methods in achieving the ultimate common goals of ensuring pipeline safety for the public and providing increased educational awareness for all stakeholders.

NAPSR is comprised of dedicated individuals who believe that this nation's - and in particular, their respective regions' pipeline systems - must be designed, operated and maintained at the highest safety levels. The National Association of Regulatory Utility Commissioners (NARUC) is the national association representing the state public service commissioners who regulate essential utility services such as electricity, natural gas, water, and telecommunications. More than 40 NAPSR members are organizationally situated within their respective state public service commissions.

Over 1,477 specific pipeline safety initiatives in 23 categories ranging from enhanced reporting to record keeping to cathodic protection to design and installation requirements have been adopted by states to assist in pipeline safety oversight. Formalized pipeline replacement programs have been employed by many states to address the aging pipeline infrastructure. To date 45 states have implemented at least one initiative above and beyond the minimum requirements of the Code of Federal Regulations that apply to one or more pipeline operators within their states. It is hoped that this report will serve as a detailed resource for examining some of the pipeline safety best practices established by the states.

The purpose of this report is to highlight the hundreds of areas where actions have been taken to improve pipeline safety improvements throughout the country and to highlight the many different areas of focus. While numerous efforts are underway already, states continue to look for reasonable ways to enhance pipeline safety in their regions. The consequences for not maintaining continuous improvement are simply too high.

There are many reasons for maintaining a variety of pipeline safety initiatives. Pipeline safety does not lend itself to a one-size-fits-all approach for the following reasons:

- 1) Certain states may have a history of a specific problem or incident that prompted the initiation of rulemaking, statutory amendments or issuance of Commission orders, such as a pipeline explosion or the discovery of a material defect in a particular pipeline system;*
- 2) Pipeline operator practices differ with respect to materials selected, methods of installation, and operational and maintenance approaches;*
- 3) In some areas of the country, there has been no need for certain initiatives within a state;*



- 4) *In other areas of the country, the landscape or geography has prompted specialized rules; and*
- 5) *The public's demand and/or tolerance for more stringent rules is greater in certain areas in the country.*

Since circumstances differ across the country regarding pipeline oversight, the reader is cautioned not to use this report to compare one state's program against another, as such comparisons could result in erroneous conclusions.

Future editions may include additional topics such as underground damage prevention initiatives, initiatives involving liquefied petroleum gas systems, and initiatives involving liquefied natural gas systems.

I wish to thank the many state program managers across the country who contributed to this effort and the resulting compendium.

Early during the review of the 3rd edition, the following NAPSR taskforce was formed to help gather the data, analyze and recommend revisions and improvements of the 2st edition Compendium:

*Randy Knepper, formerly of New Hampshire
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I would also recognize the efforts of Kerri-Lyn Gilpatric of the New Hampshire Department of Energy who contributed many long hours researching, verifying, compiling, and formatting the 3rd edition.

**NAPSR
Chief Editor and Chairman
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About NAPS

The National Association of Pipeline Safety Representatives is the national association representing State pipeline safety inspectors in the contiguous United States as well as the District of Columbia and Puerto Rico. Through a unique partnership with the U.S. Department of Transportation, NAPS members have oversight responsibilities for the safe and reliable transportation of natural gas and hazardous liquids through pipelines. State pipeline safety personnel make up more than 75% of the state and federal inspection workforce. NAPS provides these inspectors with a venue to share best practices, enhance communications between state and federal counterparts, raise new issues, and influence policy. NAPS is recognized by Congress, the courts, federal agencies, and the media as the national voice of the State pipeline safety community

What We Do

NAPS members have direct safety authority over more than 96% of regulated intrastate gas systems and 32% of hazardous liquid systems (including carbon dioxide pipelines) in the United States. Most interstate pipeline inspectors are federal government employees focusing upon 12% of the gas infrastructure in the country while States monitor the remaining 88%. Recent statistics indicate that NAPS members have safety authority of about 92% of the 2.3 million miles of gas distribution pipelines (i.e., pipelines serving retail consumers) nationwide. In addition, NAPS members oversee 49% of gas transmission pipelines for wholesale customers, and 34% of hazardous liquid pipelines.

Pipeline safety inspectors have been partially funded by the federal government since the 1968 Pipeline Safety Act. The U.S. Department of Transportation's Pipelines and Hazardous Materials Safety Administration has delegated pipeline safety inspection to the States and as a result reimburses the States for a portion of their inspection program expenditures. This arrangement allows for, encourages and relies on state pipeline programs that inherently possess greater geographic knowledge and local expertise for inspecting and overseeing the safe operation of the majority of the nation's pipeline system. This also means that a significant percentage of NAPS member funding depends upon the federal appropriations process.

How Pipeline Safety Programs Work

State pipeline inspectors are the "first line of defense" at the community level to enforce pipeline safety, enact and enable underground utility damage prevention programs, promote public education and public awareness campaigns regarding pipeline safety. The primary goals of State pipeline safety programs are to ensure safety and give the public confidence that the pipeline system is safe and reliable. Although all State programs certify to the Secretary of the U.S. Department of Transportation that they will adopt regulations that are at least as stringent as the Federal Pipeline Safety Regulations, most States have adopted more stringent safety regulations. The ability of States to adopt and enforce more stringent regulations that can be targeted to state-specific issues is a tremendous advantage since state inspectors not only are



employed by their respective state governmental agencies, they also have the understanding, familiarity and concerns of the local public that are affected the most.

NAPSR members use a wide range of compliance methods as part of their regulatory oversight, including:

- Corrective action orders that direct operators to make specific safety related improvements;
- Civil penalties, such as monetary fines; and
- Rate-of-return control, which ensures that the operating company and its shareholders, not consumers, bear the cost of improving the safety of pipeline systems.

Enforcement actions vary from State-to-State, but generally, when a safety violation is discovered during an inspection, the State inspector will submit a report of the findings for follow-up actions. Depending on the State's laws, the agency will determine the severity of the violation and the next course of action.



Pipeline Safety FAQ

1. Who has the primary oversight of our nation's pipeline system?

A: The nation's pipeline safety programs are overseen by Congress and administered by the U.S. Department of Transportation's Pipeline and Hazardous Materials Safety Administration (PHMSA). However, PHMSA delegates the majority of these responsibilities for intrastate lines to the states. State pipeline safety personnel represent more than 75% of the State/federal inspection workforce, although State employees account for less than 40% of the federal pipeline safety budget. This means that the bulk of the safety and inspection responsibility lies at the State level.

Under existing law, States opt into this relationship with PHMSA. If a State decides not to participate, PHMSA does the safety inspection on its own. At present, this applies only to Alaska and Hawaii.

States are allowed to adopt pipeline safety regulations that are stricter than federal government regulations, and the overwhelming majority of States do have more stringent requirements. These have been developed over the years based on specific results of State inspections, changing public priorities, and increased safety expectations of the local public.

2. What Do State Pipeline Inspectors Do?

A: The general responsibilities of a pipeline inspector include inspection of safety records, facilities, construction, integrity management and other programs, and investigation of accidents. As noted, most States go beyond the federal requirements and perform additional kinds of oversight. The goal of State pipeline safety programs is to ensure the overall safety of the pipeline system for people, property, and the environment in their regions. A vigorous safety program is essential to provide public assurance that the pipeline system is safe, reliable, and affordable.

3. How Do States Enforce Safety Regulations?

A: If a safety inspector finds a violation during an inspection, the inspector will submit a report to the appropriate State agency, which is typically the public service commission. Depending on the State's laws, the agency will determine the severity of the violation and determine its next course of action. Generally, State agencies employ a wide range of compliance methods as part of their regulatory oversight.



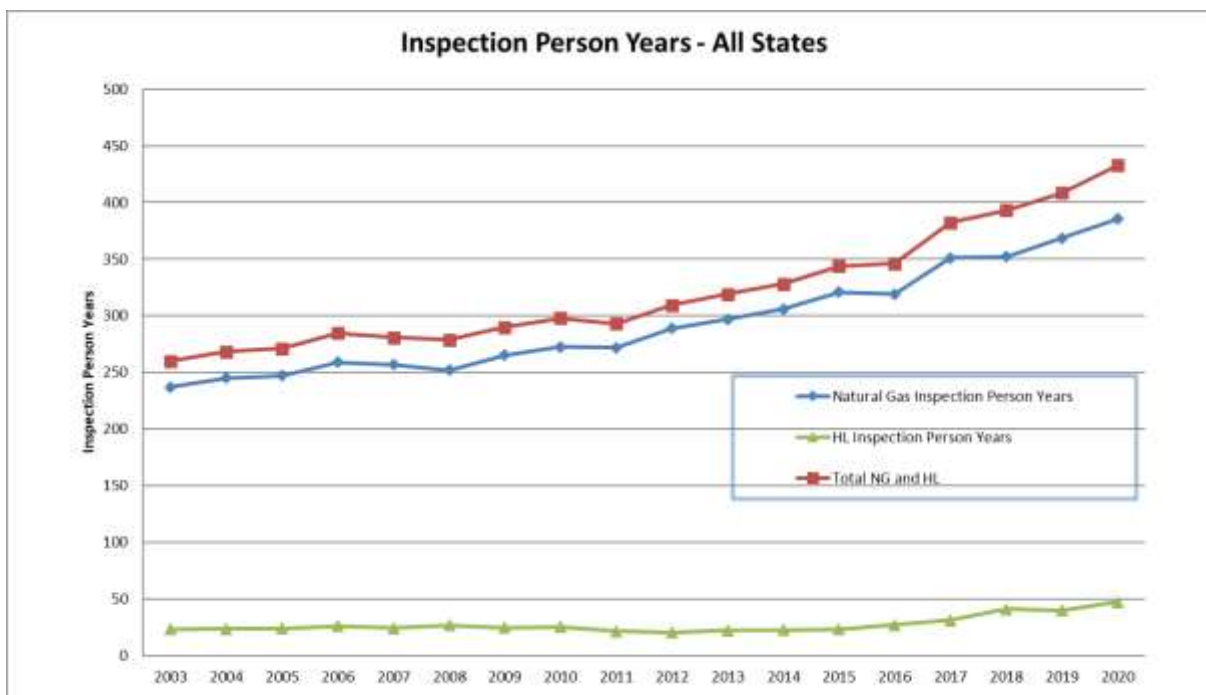
4. How Does the State/Federal Relationship Work?

A: Under the Pipeline Safety Act, States must receive certification from PHMSA to assume pipeline safety responsibilities within their states. Certification is a “mutual agreement” between PHMSA and a State to take on this responsibility, and the State must agree to ensure that its pipeline operators meet the federal agency’s minimum pipeline safety standards. Once certified, the State is responsible for oversight of pipelines that do not cross State boundaries (intrastate pipelines). Arizona, California, Connecticut, Iowa, Michigan, Minnesota, New York, Ohio, Washington, Virginia and West Virginia also act as interstate agents on behalf of the federal government. In this role, State personnel inspect interstate pipelines and submit reports to PHMSA, which carries out compliance and enforcement action as necessary.

5. What has been the history of state pipeline inspection workforce over the last 15 years?

A: States have significantly increased their workforce inspection levels by over 65% since 2003 levels. In 2003, States had the full time equivalent of approximately 260 inspectors nationwide and now that number has increased to an equivalent 432 full time inspectors overall for gas and hazardous liquid inspection types. States have increased the number of inspectors, the quantity of inspections, increased the number of pipeline safety initiatives and are devoting more resources than ever towards protecting the environment and minimizing safety hazards.

The following chart depicts the increase in equivalent inspectors for gas programs, hazardous liquid programs and combined programs.



In 2003, States had the full time equivalent of approximately 237 inspectors nationwide performing gas pipeline inspections and now that number has increased to an equivalent 385 full time inspectors overall for gas pipelines. This equates to a 62% increase.

In 2003, States had the full time equivalent of approximately 23 inspectors nationwide performing hazardous liquid pipeline inspections and now that number has increased to an equivalent 47 full time inspectors overall for hazardous liquid pipelines. This equates to a 104% increase.

The largest inspection workforce is Texas, followed by California and New York which corresponds to the largest number of operators, greatest pipeline mileage and the greatest types of pipelines requiring inspections. The smallest state inspection workforce is Vermont which has the fewest number of operators and the least amount of pipelines by mile.

6. How many inspectors are needed across the nation and how is the level of inspection determined to be adequate?

A: States can never have too many inspectors. As long as incidents are still occurring, the continual need for additional inspectors is never diminished. The energy infrastructure in the US continues to expand each year requiring more oversight than ever. The greater number of inspectors achieved to date has allowed States to conduct more thorough reviews into each operator's procedures and work practices, providing the increase scrutiny the public demands of a highly efficient yet complex energy transportation system.

To meet each State agency's commitment to pipeline safety, each State agency maintains an adequate, base-level number of pipeline safety inspection activity days. A complex analysis of staffing levels has been derived. The inspection activity level is arrived at by each state program conducting an operator-by-operator analysis and examines more than 18 different types of inspections. In addition, the inspection activity analysis includes accounting for any risk factors and other considerations applicable to each operator. Nine additional factors are reviewed for applicability into resource allocation and inspection levels.

The inspection activity level derived pertains only to the minimum level of pipeline safety inspection activity. The level does not include supervisory or clerical personnel, nor does it include staff requirements for inspection of pipeline facilities that are not covered by Chapter 601.

Each state performs an inspection activity needs analysis on each operator using a standard template that strives for consistency across the nation yet allows for individual state tracking. In 2016, a State Inspection Calculation Tool (SICT) was co-developed by States and PHMSA. The inspection activity needed for each operator analyzes each applicable type of inspection and



applies criteria for determination of inspection duration and frequency based on experience with the operator.

7. Would a uniform federal inspection policy for intrastate lines improve pipeline safety?

A: No – a uniform federal inspection policy would actually decrease safety levels. Each State is different and has varied risks to its pipeline infrastructure that result from diverse geographic, economic, political, social and environmental factors. A one-size-fits-all policy for all intrastate pipeline systems would be counterproductive and will limit the State’s ability to go beyond current federal requirements. Most States can and do adopt pipeline safety regulations, (1,477 documented occurrences), that are stricter than the corresponding federal regulations, and the overwhelming majority of States require more stringent requirements to satisfy specific local needs for public safety. By their very nature, State-specific regulations can be enforced only by State regulators, not by federal regulators.




Did You Know?

- Maine requires operators to use GPS and record all valves, tees, exposed sections by both depth and location. (The federal government has no such requirement and record keeping is an industry issue.)
- Florida requires much stricter cathodic protection requirements for steel pipelines.
- New Hampshire defines acceptable emergency response times (30 minutes/45 minutes). (NTSB latest report says 95 minutes is excessively long. The federal government has never issued a violation on delayed response times to our collective knowledge.)
- New York does not allow operators to downgrade any leaks. (The federal government does not grade leaks at all.)
- Virginia requires one operator to RFID new construction and repairs. (Federal regulations do not mention RFIDs.)
- Oregon has a landslide protection program because they get so much annual rainfall. (There is no equivalent federal provision.)
- Washington requires a cathodic protection read if exposed pipe and coating is damaged.
- Kansas requires quality assurance inspection of all outside contractors. (Federal regulations require only periodic workshops on quality assurance at this time.)
- Texas requires all Grade 3 leaks to be repaired within 36 months. (Under federal regulations, a Grade 3 leak can remain indefinitely; there is no corresponding classification system.)
- Arkansas requires anodes be shown on all system maps. (The federal government does not.)
- Mississippi requires operators to undertake over 100 hours of classroom and field training each year. (The federal government has no training requirements.)
- South Carolina requires outdoor meters for all pipeline systems unless impractical. (There is no equivalent federal government requirement.)
- Idaho requires NFPA 54 compliance before an operator is permitted to distribute gas. (The federal government does not.)
- Illinois requires a full training program for operators, not just the minimum Operator Qualifications required by the federal government
- Wisconsin requires special precautions if overhead electric transmission lines are located near pipeline facilities. (The federal government can offer only Advisory Bulletins.)
- New Jersey requires depth of cover 50% deeper than required by federal regulations.
- Georgia has a cast iron replacement program for its largest pipeline operator. (The federal government has only issued Advisory Bulletins.)
- Washington requires responses within 15 minutes for detection thresholds of 8% leak for full flow and no flow conditions applicable to hazardous liquid operators (The federal government has only begun early discussions of this.)
- Massachusetts requires all transmission lines to be designed as Class 3 and 4 locations.
- Missouri requires operators provide isolation zones so relight accomplished within 8 hours.



State Pipeline Safety Websites

 STATE PIPELINE SAFETY WEBSITES		
State	State Agency	Website
AL	Alabama Public Service Commission	https://psc.alabama.gov/gas-pipeline-safety/
AK	<i>No State Program</i>	PHMSA- (Office of Pipeline Safety) retains federal oversight of all pipelines.
AZ	Arizona Corporation Commission (ACC)	https://www.azcc.gov/safety/pipeline
AR	Arkansas Public Service Commission	http://www.apscservices.info/PSOIndex.asp
AR	Arkansas Oil and Gas Commission	http://www.aogc.state.ar.us/
CA	California State Fire Marshall	https://osfm.fire.ca.gov/divisions/pipeline-safety-and-cupa/
CA	California Public Utilities Commission	https://www.cpuc.ca.gov/regulatory-services/safety/pipeline-safety
CO	Colorado Public Utilities Commission	https://puc.colorado.gov/gaspipelines
CT	Department of Energy and Environmental Protection (DEEP)	http://www.ct.gov/pura/cwp/view.asp?a=3363&Q=492678&puraNav_GID=1702
DC	District of Columbia Public Service Commission	https://dcpsc.org/Utility-Information/Natural-Gas/Pipeline-Safety-and-Damage-Prevention.aspx
DE	Delaware Public Service Commission	http://depssc.delaware.gov/naturalgas.shtml
FL	Public Service Commission	http://www.floridapsc.com/ElectricNaturalGas/Index
GA	Georgia Public Service Commission	http://www.psc.state.ga.us/facilitiesprotect/fp_pipesafe/fp_pipesafe.asp
HI	<i>No State Program</i>	PHMSA- (Office of Pipeline Safety) retains federal oversight of all pipelines.
ID	Idaho Public Utilities Commission	https://puc.idaho.gov/Page/Utility/8
IL	Illinois Commerce Commission	http://www.icc.illinois.gov/pipelinesafety/
IN	Indiana Utility Regulatory Commission	http://www.in.gov/iurc/2335.htm
IA	Iowa Utilities Board	https://iub.iowa.gov/regulated-industries/pipeline-safety
KS	Kansas Corporation Commission	http://www.kcc.state.ks.us/pipeline/index.htm
KY	Kentucky Public Service Commission	http://www.psc.ky.gov/home/pipelinesafety





STATE PIPELINE SAFETY WEBSITES

State	State Agency	Website
LA	Louisiana Department of Natural Resources	http://www.dnr.louisiana.gov/index.cfm/page/144
ME	Maine Public Utilities Commission	https://www.maine.gov/mpuc/safety/natural-gas-safety
MD	Public Service Commission of Maryland	https://www.psc.state.md.us/gas/natural-gas-pipeline-safety-program/
MA	Massachusetts Department of Public Utilities	https://www.mass.gov/orgs/pipeline-safety-division
MI	Michigan Public Service Commission	https://www.michigan.gov/mpsc/regulatory/natural-gas/pipeline-safety
MN	Department of Public Safety	https://dps.mn.gov/divisions/ops/pages/default.aspx
MS	Mississippi Public Service Commission	https://www.psc.ms.gov/pipeline/safety
MO	Missouri Public Service Commission	http://psc.mo.gov/General/Pipeline_Safety
MT	Montana Public Service Commission	https://psc.mt.gov/Public-Safety/Pipeline-Safety
NE	Nebraska State Fire Marshal	https://sfm.nebraska.gov/fuels-safety/pipeline-safety
NV	Public Utilities Commission of Nevada	http://puc.nv.gov/Safety/Pipeline/
NH	New Hampshire Department of Energy	https://www.energy.nh.gov/enforcement/pipeline-safety
NJ	New Jersey Board of Public Utilities	http://www.state.nj.us/bpu/about/divisions/reliability/
NM	New Mexico Public Regulation Commission	https://www.nm-prc.org/transportation/pipeline-safety/
NY	New York State Department of Public Service	https://www3.dps.ny.gov/W/PSCWeb.nsf/All/4606B847387FBCB6852580A700678AD0?OpenDocument
NC	North Carolina Utilities Commission	https://www.ncuc.net/Industries/naturalgas/pipelinesafety.html
ND	North Dakota Public Service Commission	http://psc.nd.gov/jurisdiction/pipelines/index.php
OH	Ohio Public Utilities Commission	https://puco.ohio.gov/utilities/gas/resources/natural-gas-pipeline-safety-in-ohio
OK	Oklahoma Corporation Commission	https://oklahoma.gov/occ/divisions/transportation/pipeline-safety.html
OR	Oregon Public Utilities Commission	https://www.oregon.gov/puc/safety/Pages/Gas-Pipeline-Safety.aspx
PA	Pennsylvania Public Utility Commission	http://www.puc.state.pa.us/consumer_info/natural_gas/pipeline_safety.aspx





STATE PIPELINE SAFETY WEBSITES

State	State Agency	Website
PR	Puerto Rico Public Service Commission	http://www.csp.gobierno.pr/
RI	Rhode Island Division of Public Utilities & Carriers	http://www.ripuc.ri.gov/utilityinfo/natgas/Pipeline_safety.html
SC	Office of Regulatory Staff of South Carolina	https://ors.sc.gov/safety/pipeline-safety
SD	South Dakota Public Utilities Commission	http://www.puc.sd.gov/pipelinesafety/default.aspx
TN	Tennessee Regulatory Authority	https://www.tn.gov/tpuc/divisions/gas-pipeline-safety-division.html
TX	Railroad Commission of Texas	https://www.rrc.texas.gov/pipeline-safety/
UT	Utah Department of Commerce, Division of Public Utilities	https://dpu.utah.gov/pipeline-safety/
VT	Vermont Department of Public Service	https://publicservice.vermont.gov/naturalgas_propane
VA	Virginia State Corporation Commission	http://www.scc.virginia.gov/urs/pipe/index.aspx
WA	Washington Utilities and Transportation Commission	http://www.utc.wa.gov/publicSafety/pipelineSafety/Pages/default.aspx
WV	Public Service Commission of West Virginia	http://www.psc.state.wv.us/div/gaspipelinesafety.htm
WI	Wisconsin Public Service Commission	https://psc.wi.gov/Pages/ForUtilities/Energy/PipelineSafetyProgram.aspx
WY	Wyoming Public Service Commission	https://psc.wyo.gov/pipeline

# of States	Color Code	Intrastate Gas Jurisdiction	Intrastate Haz Liq Jurisdiction	Interstate Gas Jurisdiction	Interstate Haz Liq Jurisdiction
31	green	Y	PHMSA	PHMSA	PHMSA
4	orange	Y	PHMSA	Y	PHMSA
1	blue	Y	Y	PHMSA	Y
10	yellow	Y	Y	PHMSA	PHMSA
4	pink	Y	Y	Y	Y
2	white	PHMSA	PHMSA	PHMSA	PHMSA



Safety Initiatives by Category:

	Category	Initiatives	
1	Enhanced Reporting	329	22%
2	More Direct Oversight	92	6%
3	Valves	51	3%
4	Pressure Testing	33	2%
5	Operating Pressure	42	3%
6	Damage Prevention	68	5%
7	Training/Quals (not including OQ)	14	1%
8	Operator Qualification	18	1%
9	Meter Location/Protection	37	3%
10	Odorant	44	3%
11	Leak Tests	83	6%
12	Response to Leaks	58	4%
13	Replacement Programs	63	4%
14	Authority Beyond OPS (not rate)	50	3%
15	Extending LDC Responsibility	28	2%
16	External/Internal Corrosion	12	1%
17	Cathodic Protection	45	3%
18	Design/Install Requirements	205	14%
19	Risk-based approaches	24	2%
20	Enhanced Record Keeping	100	7%
21	Inactive Services	19	1%
22	Stronger Enforcement Penalties	6	0%
23	State Inspection Programs	56	4%
	Total Number of State Initiatives	1477	100%



NAPSR State and Regional Pipeline Safety Initiatives plus 2020 PHMSA Pipeline Mileage Statistics								
Region	Initiatives	Natural Gas Transmission Pipeline Miles (2020)	Natural Gas Gathering System Miles (2020)	Hazardous Liquids Pipeline Miles (2020)	Natural Gas Distribution System Miles (2020)	Total Pipeline Miles (2020)	Pipeline Mile Percentages by State vs. Region	Pipeline Mile Percentages by Region vs. US/PR
Eastern								
1	CT	38	598	0	93	14,961	15,652	2.8%
2	DC	19	5	0	4	2,360	2,369	0.4%
3	DE	5	380	0	43	5,937	6,360	1.1%
4	MA	54	1,130	0	22	37,091	38,243	6.9%
5	MD	12	986	1	320	29,099	30,406	5.5%
6	ME	76	507	0	269	1,966	2,742	0.5%
7	NH	126	251	0	71	3,419	3,741	0.7%
8	NJ	85	1,568	0	584	69,515	71,667	12.9%
9	NY	72	4,595	81	1,227	93,581	99,484	17.8%
10	OH	15	10,583	1,144	5,047	106,128	122,902	22.0%
11	PA	17	10,488	787	4,126	79,195	94,596	17.0%
12	RI	21	95	0	0	3,163	3,258	0.6%
13	VA	63	3,208	40	1,143	41,952	46,343	8.3%
14	VT	8	119	0	117	1,540	1,776	0.3%
15	WV	5	3,784	379	530	13,360	18,053	3.2%
Eastern Region Totals		616	38,297	2,432	13,596	503,267	557,592	100.0%
Eastern Region Avg per State		44.0	2,553.1	162.1	906.4	33,551.1	37,172.8	19.8%
Central								
1	IA	13	8,192	0	4,448	34,024	46,664	6.4%
2	IL	17	9,232	10	8,294	120,099	137,635	19.0%
3	IN	22	5,357	0	3,969	77,654	86,980	12.0%
4	KS	66	13,657	18	11,769	34,884	60,328	8.3%
5	MI	71	8,694	306	3,500	119,987	132,487	18.3%
6	MN	30	5,470	0	4,906	59,924	70,300	9.7%
7	MO	73	4,622	0	5,133	48,008	57,763	8.0%
8	ND	0	2,540	17	5,457	6,943	14,957	2.1%
9	NE	11	5,730	0	2,690	20,330	28,750	4.0%
10	SD	0	1,570	0	998	8,836	11,404	1.6%
11	WI	75	4,581	3	2,533	71,539	78,656	10.8%
Central Region Totals		378	69,645	354	53,697	602,228	725,924	100.0%
Central Region Avg per State		34.4	6,331.4	32.2	4,881.5	54,748.0	65,993.1	25.8%
Western								
1	AZ	34	6,426	0	586	41,443	48,455	9.0%
2	CA (PUC)	50	12,080	156	6,855	203,443	222,534	41.4%
3	CA (SFM)	12	See Above	See Above	See Above	See Above	See Above	See Above
4	CO	10	7,760	837	5,117	57,006	70,720	13.1%
5	ID	5	1,488	3	652	16,706	18,849	3.5%
6	MT	2	3,858	27	4,012	12,363	20,260	3.8%
7	NV	8	2,030	0	269	19,377	21,676	4.0%
8	OR	9	2,498	0	417	27,958	30,873	5.7%
9	UT	0	3,082	4	2,004	29,690	34,780	6.5%
10	WA	70	1,946	0	807	43,586	46,339	8.6%
11	WY	12	6,780	43	8,501	8,237	23,561	4.4%
Western Region Totals		212	47,948	1,070	29,220	459,809	538,047	100.0%
Western Region Avg per State		19.3	4,358.9	97.3	2,656.4	41,800.8	48,913.4	19.1%
Southwestern								
1	AR (PSC)	51	7,185	157	2,150	29,227	38,719	7.6%
2	AR (Oil & Gas)	5	See Above	See Above	See Above	See Above	See Above	See Above
3	LA	8	23,986	790	13,590	43,306	81,672	16.0%
4	NM	8	6,394	340	7,880	20,975	35,589	7.0%
5	OK	8	11,842	715	15,225	34,903	62,685	12.3%
6	TX	52	47,160	6,054	75,734	162,361	291,309	57.1%
Southwestern Region Totals		132	96,567	8,056	114,579	290,772	509,974	100.0%
Southwestern Region Avg per State		22.0	16,094.5	1,342.7	19,096.5	48,462.0	84,995.7	18.1%
Southern								
1	AL	17	6,797	97	1,765	57,955	66,614	13.9%
2	FL	48	5,540	0	450	45,061	51,051	10.6%
3	GA	13	4,887	0	2,121	88,227	95,235	19.8%
4	KY	8	6,751	352	962	32,742	40,807	8.5%
5	MS	6	10,280	23	3,869	28,112	42,284	8.8%
6	NC	17	4,142	0	1,155	59,135	64,432	13.4%
7	PR	0	2	0	10	35	47	0.0%
8	SC	19	2,750	0	812	41,056	44,618	9.3%
9	TN	11	4,875	11	1,277	69,006	75,169	15.7%
Southern Region Totals		139	46,024	483	12,421	421,329	480,257	100.0%
Southern Region Avg per State		15.4	5,113.8	53.7	1,380.1	46,814.3	53,361.9	17.1%
Totals for all Regions		1,477	298,481	12,395	223,513	2,277,405	2,811,794	100.0%

Pipeline Miles Source data: <http://primis.phmsa.dot.gov/comm/States.htm?nocache=9412>
<http://primis.phmsa.dot.gov/comm/StatePages/Alabama.htm?nocache=5729>
http://primis.phmsa.dot.gov/comm/reports/safety/AL_detail1.html?nocache=2630
 Use PHMSA web page drop down menu to select each State, then select each State's "Pipeline Miles and Facilities 2010+"





Alabama

Key Stats

State Agency	Alabama Public Service Commission
Division	Energy Division
Department	Gas Pipeline Safety Section
Web	https://psc.alabama.gov/gas-pipeline-safety/
Regulated Intrastate Pipeline Systems	96
Regulated Master Meter Operators	20
Regulated LNG Systems	5
Regulated Hazardous Liquid Systems	10
Regulated LPG Operators	0
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	17

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 192.603	Requires Annual filing of O&M Plans with Commission	AL PSC Order April 21 2004 D#17545 Appendix A Alabama Public Service Commission Rules And Regulations For Gas Pipeline Safety	Rule 2 and Rule 4
2. Enhanced Reporting	Part 191.3	Requires Gas Incident Reports at \$10K level	AL PSC Order April 17 2019 D#17545 Appendix A Alabama Public Service Commission Rules And Regulations For Gas Pipeline Safety	Rule 9
3. Enhanced Reporting	Part 191.5	Requires notification of any gas incident involving a media inquiry	AL PSC Order April 17 2019 D#17545 Appendix A Alabama Public Service Commission Rules And Regulations For Gas Pipeline Safety	Rule 9





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
4. Enhanced Reporting	Part 191.5	Requires Reports of all gas outages greater than 75 customers	AL PSC Order April 17 2019 D#17545 Appendix A Alabama Public Service Commission Rules And Regulations For Gas Pipeline Safety	Rule 9
5. Enhanced Reporting	Part 192.615	Requires Annual filing of Emergency Plans with Commission	AL PSC Order April 21 2004 D#17545 Appendix A Alabama Public Service Commission Rules And Regulations For Gas Pipeline Safety	Rule 3 and Rule 4
6. Enhanced Reporting	Part 195.50	Requires Hazardous Liquid Incident Reports at \$10K level	AL PSC Order April 17 2019 D#17545 Appendix A Alabama Public Service Commission Rules And Regulations For Gas Pipeline Safety	Rule 9
7. Enhanced Reporting	Part 195.50	Requires notification of any hazardous liquid incident involving a media inquiry	AL PSC Order April 17 2019 D#17545 Appendix A Alabama Public Service Commission Rules And Regulations For Gas Pipeline Safety	Rule 9
8. Enhanced Reporting	Part 195.50	Requires Reports of all Hazardous liquid outages greater than 75 customers	AL PSC Order April 17 2019 D#17545 Appendix A Alabama Public Service Commission Rules And Regulations For Gas Pipeline Safety	Rule 9
9. More Direct Oversight	Part 192.305	Requires Reporting for Pipe Segments greater than 1000 feet	AL PSC Order April 21 2004 D#17545 Appendix A Alabama Public Service Commission Rules And Regulations For Gas Pipeline Safety	Rule 6
10. Operating Pressure	Part 192.201	Design Limits Over Pressuring Set Levels to < 21 in w.c	Gas Rules of The Alabama Public Service Commission-D#15957-Rev. 4/1988	Rule G-5 (B)
11. Risk Based Approaches	Part 192.1007	DIMP plans must include Inactive	AL PSC Order July 13 2018 D#17545	Rule 13





Alabama

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		Services Threat Assessment and Risk Ranking	Appendix A Alabama Public Service Commission Rules And Regulations For Gas Pipeline Safety	
12. Enhanced Record Keeping	Part 192.727	Inactive Service records must be reviewed annually and retained for 10 years	AL PSC Order July 13 2018 D#17545 Appendix A Alabama Public Service Commission Rules And Regulations For Gas Pipeline Safety	Rule 13
13. Inactive Service Lines	Part 192.727	Inactive Service must be disconnected at main if older than 3 years of inactivity for steel mains or plastic mains if no EFV is present and no probable hazard exists	AL PSC Order July 13 2018 D#17545 Appendix A Alabama Public Service Commission Rules And Regulations For Gas Pipeline Safety	Rule 13
14. Inactive Service Lines	Part 192.727	Inactive Service must be disconnected at main if older than 3 years of inactivity for steel mains or 5 years of inactivity for plastic mains if an EFV is present and no probable hazard exists	AL PSC Order July 13 2018 D#17545 Appendix A Alabama Public Service Commission Rules And Regulations For Gas Pipeline Safety	Rule 13
15. Inactive Service Lines	Part 192.727	Inactive Service must be leak surveyed at least every 2 years not to exceed 2.5 years if less than 5 years of inactivity for plastic mains if an EFV is present	AL PSC Order July 13 2018 D#17545 Appendix A Alabama Public Service Commission Rules And Regulations For Gas Pipeline Safety	Rule 13
16. Inactive Service Lines	Part 192.727	Inactive Service risers must be identifiable by color, tagging or marking	AL PSC Order July 13 2018 D#17545 Appendix A Alabama Public Service Commission Rules And Regulations For Gas Pipeline Safety	Rule 13
17. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections





National Association of Pipeline Safety Representatives





Alaska

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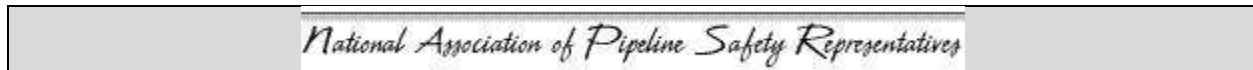
Alaska

Key Stats

State Agency	
Division	
Department	
Web	
Regulated Intrastate Pipeline Systems	
Regulated Master Meter Operators	
Regulated LNG Systems	
Regulated Hazardous Liquid Systems	
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	

Applicable Requirement in CFR

Alaska has no state program. PHMSA- (Office of Pipeline Safety) retains federal oversight of all pipelines.





Arizona

Key Stats

State Agency	Arizona Corporation Commission (ACC)
Division	Safety
Department	Pipeline Safety Section
Web	https://www.azcc.gov/safety/pipeline
Regulated Intrastate Pipeline Systems	18
Regulated Master Meter Operators	854
Regulated LNG Systems	2
Regulated LPG Operators	5
Regulated Hazardous Liquid Systems	3
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	34

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 192.305	Operators of a master meter system must file a notice of construction 30 days prior to commencement of construction	Arizona Administrative Code, Title 14 Public Service Corporations; Corporations and Associations; Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety	R14-5-205 N Master Meter Systems Operators
2. Enhanced Reporting	Part 191.11	Operators of a master meter system will file an annual report with the ACC by April 15 for the preceding calendar year.	Arizona Administrative Code, Title 14 Public Service Corporations; Corporations and Associations; Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety	R14-5-205 Q Master Meter Systems Operators
3. Enhanced Reporting	Part 191.5 Part 195.52	Telephonic reporting for gas pipeline at \$5,000 property damage	Arizona Administrative Code, Title 14 Public Service Corporations; Corporations and Associations;	R14-5-203 B Pipeline Incident Reports and Investigations





Arizona

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety	
4. Enhanced Reporting	Part 191.5	Telephonic reporting for gas pipeline explosion or fire not intentionally set by the operator,	Arizona Administrative Code, Title 14 Public Service Corporations; Corporations and Associations; Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety	R14-5-203 B Pipeline Incident Reports and Investigations
5. Enhanced Reporting	Part 191.5	Telephonic reporting for Emergency transmission line shutdown.	Arizona Administrative Code, Title 14 Public Service Corporations; Corporations and Associations; Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety	R14-5-203 B Pipeline Incident Reports and Investigations
6. Enhanced Reporting	Part 191.5 Part 195.52	Telephonic reporting for gas pipeline that involves a news media inquiry	Arizona Administrative Code, Title 14 Public Service Corporations; Corporations and Associations; Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety	R14-5-203 B Pipeline Incident Reports and Investigations
7. Enhanced Reporting	Part 191.5	Telephonic reporting for overpressure of pipeline (defined)	Arizona Administrative Code, Title 14 Public Service Corporations; Corporations and Associations; Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety	R14-5-203 B Pipeline Incident Reports and Investigations
8. Enhanced Reporting	Part 191.5	Telephonic reporting for permanent or temporary	Arizona Administrative Code, Title 14 Public Service Corporations;	R14-5-203 B





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		discontinuance of gas service to a master meter system due to a failure of a leak test	Corporations and Associations; Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety	Pipeline Incident Reports and Investigations
9. Enhanced Reporting	Part 195.52	Telephonic reporting for liquid pipeline release of 5 gallons if not due to pipeline maintenance,	Arizona Administrative Code, Title 14 Public Service Corporations; Corporations and Associations; Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety	R14-5-203 B Pipeline Incident Reports and Investigations
10. Enhanced Reporting	Part 191.9 Part 191.15 Part 195.54	Written reports for gas pipeline or hazardous liquid pipeline at \$5,000	Arizona Administrative Code, Title 14 Public Service Corporations; Corporations and Associations; Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety	R14-5-203 B Pipeline Incident Reports and Investigations Construction and Safety Standards
11. Enhanced Reporting	Part 191.9 Part 191.15 Part 195.54	Written reports gas pipeline for loss of consciousness or need for medical treatment requiring hospitalization or liquid pipeline for occurrence involving loss of consciousness, inability to leave the scene unassisted, need for medical treatment, disability which interferes with a person's normal daily activities beyond the date of the incident	Arizona Administrative Code, Title 14 Public Service Corporations; Corporations and Associations; Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety	R14-5-203 B Pipeline Incident Reports and Investigations Construction and Safety Standards
12. Enhanced Reporting	Part 191.9 Part 191.15	Written reports for gas pipeline overpressure	Arizona Administrative Code, Title 14 Public Service Corporations; Corporations and	R14-5-203 B Pipeline Incident Reports and Investigations





Arizona

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Associations; Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety	Construction and Safety Standards
13. Enhanced Reporting	Part 191.11 Part 191.17 Part 195.49	Requires annual reports to be filed with ACC by March 15, for the preceding calendar year.	Arizona Administrative Code, Title 14 Public Service Corporations; Corporations and Associations; Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety	R14-5-204 A Annual Reports
14. Enhanced Reporting	Part 192.603 Part 195.402	Operators must file O&M Plan with ACC 30 days prior to placing a pipeline into operation and changes are to be filed within 30 days of effective date of change.	Arizona Administrative Code, Title 14 Public Service Corporations; Corporations and Associations; Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety	R14-5-202 D Construction and Safety Standards
15. Enhanced Reporting	Part 192.615 Part 195.402	Operators must file Emergency Plan with ACC 30 days prior to placing a pipeline into operation and changes are to be filed within 30 days of effective date of change.	Arizona Administrative Code, Title 14 Public Service Corporations; Corporations and Associations; Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety	R14-5-202 D Construction and Safety Standards
16. More Direct Oversight	Part 192.7	Requires facilities handling hydrogen sulfide to use Standards: NACE Standard MR-0175-99 (1999 Revision) and API RP55 (1995 Edition)	Arizona Administrative Code, Title 14 Public Service Corporations; Corporations and Associations; Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety	R14-5-202 E Construction and Safety Standards





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
17. More Direct Oversight	Part 191.3 Part 195.2	State Definition differs from Federal Definition of the following: 1) Master Meter System. 2) Operator 3) Person 4) Pipeline System 5) State 6) Transportation of Gas	Arizona Administrative Code, Title 14 Public Service Corporations; Corporations and Associations; Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety	R14-5-201 Definitions
18. More Direct Oversight	Part 192.617 Part 195.402 Part 193.2515	Requires lab exam when investigating failures.	Arizona Administrative Code, Title 14 Public Service Corporations; Corporations and Associations; Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety	R14-5-202 S Construction and Safety Standards
19. Damage Prevention	Part 192.321	Operator will install at a minimum, a 14 gauge coated or corrosion resistant , electrically conductive wire as a means of locating the pipe. Tracer wire may not be wrapped around the pipe. Wire may be taped to the pipe provided the adhesive or attachment is not detrimental to the pipe wall.	Arizona Administrative Code, Title 14 Public Service Corporations; Corporations and Associations; Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety	R14-5-202 N Construction and Safety Standards
20. Response to Leaks	Part 192.706	Requires leak survey and grading per ASME Guide Appendix, 1983 except vegetation surveys. Master Meters must conduct leak surveys not to exceed 15 months	Arizona Administrative Code, Title 14 Public Service Corporations; Corporations and Associations; Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety	R14-5-202 R Construction and Safety Standards R14-5-207 O Master Meter System Operators
21. Authority Beyond OPS		Noncompliance with rule by master meter operator constitutes	Arizona Administrative Code, Title 14 Public Service Corporations;	R14-5-205 A





Arizona

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		grounds for termination of service, in case of an emergency the AZOPS may give the public service corporation oral instructions to terminate service.	Corporations and Associations; Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety	Master Meter Systems Operators
22. Cathodic Protection	Part 192.463a Part 193.2629 Part 195.571	Cathodic protection per Appendix D except section (I) items 2 and 3 not allowed.	Arizona Administrative Code, Title 14 Public Service Corporations; Corporations and Associations; Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety	R14-5-202 J Construction and Safety Standards
23. Design/Install Requirements	Part 195.246	Requires buried steel pipe to have bedding and shading	Arizona Administrative Code, Title 14 Public Service Corporations; Corporations and Associations; Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety	R14-5-202 O Construction and Safety Standards
24. Design/Install Requirements	Part 192.321	Plastic pipe installed aboveground must be protected by a metal casing or equivalent and approved by the OPS, Temporary aboveground bypasses are permitted for up to 60 days provided the pipeline is protected and is under the direct supervision of the operator at all times.	Arizona Administrative Code, Title 14 Public Service Corporations; Corporations and Associations; Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety	R14-5-202 M Construction and Safety Standards
25. Design/Install Requirements	Part 192.319	Require 6 inches of sandy type soil surrounding the pipe.	Arizona Administrative Code, Title 14 Public Service Corporations; Corporations and Associations; Securities Regulation, Chapter 5 Corporation	R14-5-202 O Construction and Safety Standards





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Commission Transportation, Article 2 Pipeline Safety	
26. Design/Install Requirements	Part 192.321c	Requires slack in plastic pipe to allow for thermal expansion and contraction.	Arizona Administrative Code, Title 14 Public Service Corporations; Corporations and Associations; Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety	R14-5-202 P Construction and Safety Standards
27. Design/Install Requirements	Part 192.357d	Requires 3 feet of clearance between regulator vents and a source of ignition or building opening after October 1, 2000.	Arizona Administrative Code, Title 14 Public Service Corporations; Corporations and Associations; Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety	R14-5-202 I Construction and Safety Standards
28. Design/Install Requirements	Part 192.361f Part 195.210	Operators will not construct any part of a hazardous liquid, LNG, natural gas or other gas pipeline system under a building.	Arizona Administrative Code, Title 14 Public Service Corporations; Corporations and Associations; Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety	R14-5-202 F Construction and Safety Standards
29. Design/Install Requirements	Part 192.325	Require 8 inches of clearance	Arizona Administrative Code, Title 14 Public Service Corporations; Corporations and Associations; Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety	R14-5-202 G Construction and Safety Standards
30. Design/Install Requirements	Part 192.53	Do not allow installation of ABS or aluminum pipe.	Arizona Administrative Code, Title 14 Public Service Corporations; Corporations and	R14-5-202 L Construction and Safety Standards

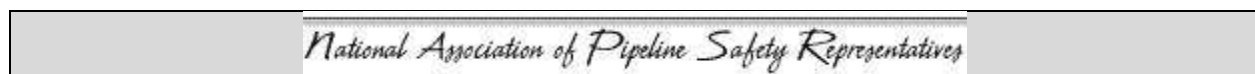




Arizona

State Page Last Revised: Jan 2020

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Associations; Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety	
31. Design/Install Requirements	Part 192.63	Markings per ASTM 1995 only for areas where the service temperature is above 100 ° F.	Arizona Administrative Code, Title 14 Public Service Corporations; Corporations and Associations; Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety	R14-5-202 P Construction and Safety Standards
32. Design/Install Requirements	Part 192.225 Part 192.227 Part 195.214 Part 195.222	Welding and welding procedure qualification is performed according to API 1104 only.	Arizona Administrative Code, Title 14 Public Service Corporations; Corporations and Associations; Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety	R14-5-202 Q Construction and Safety Standards
33. Inactive Services	Part 192.727	Must abandon regulators, meters or regulation meter sets after 36 months out of service	Arizona Administrative Code, Title 14 Public Service Corporations; Corporations and Associations; Securities Regulation, Chapter 5 Corporation Commission Transportation, Article 2 Pipeline Safety Arizona Administrative Rule	R14-5-202 H Construction and Safety Standards
34. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections





Arkansas - PSC

Key Stats	
State Agency	Arkansas Public Service Commission
Division	Gas and Water Utilities
Department	Pipeline Safety Office
Web	http://www.apscservices.info/PSOIndex.asp
Regulated Intrastate Pipeline Systems	29
Regulated Master Meter Operators	131
Regulated LNG Systems	0
Regulated Hazardous Liquid Systems	0
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	51

PLEASE NOTE: THE ARKANSAS PUBLIC UTILITIES COMMISSION **IS NOT THE LONE AGENCY THAT OVERSEES SAFETY OF ALL GATHERING PIPELINES IN ARKANSAS**. THE OFFICE OF THE ARKANSAS OIL AND GAS COMMISSION OVERSEES THOSE GATHERING PIPELINES THAT **ARE UNAFFILIATED** WITH A NATURAL GAS UTILITY WITHIN ARKANSAS (thus there are 2 sections representing 2 programs for Arkansas).

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.7	Requires each written report excepting "Safety Related Condition Report" be submitted in duplicate to the APSO	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 191.7 Addressee for Written reports
2. Enhanced Reporting	Part 191.5	Requires Incident Reports for outpatient treatment of bodily injury	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 191.5 Telephonic Notice of Certain Incidents
3. Enhanced Reporting	Part 191.5	Requires Incident Reports at \$5K level	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 191.5 Telephonic Notice of Certain Incidents





Arkansas PSC

State Page Last Revised: Jan 2020

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
4. Enhanced Reporting	Part 192.603	Requires filing of O&M Plans if changes occur with Arkansas Pipeline Safety Office within 20 days of enactment	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.17 Filing of Operation. Inspection and Maintenance Plan
5. Enhanced Reporting	Part 191.1	Expands reporting requirements to include any pipeline facility that contains 100 ppm of hydrogen sulfide	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 191.1 Scope
6. Enhanced Reporting	Part 191.11	Requires each Operator to report the status of all known and repaired leaks twice annually.	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 191.27 Status of Leaks
7. More Direct Oversight	Part 192.1	Operators includes any pipeline facility that transports gas containing more than 100 ppm of hydrogen sulfide	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.1 What is the Scope of this Part?
8. More Direct Oversight	Part 192.241	Visual inspectors of welds must be previously designated in writing before welding occurs and deemed acceptable	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.241 (d) Inspection and Test of Welds
9. More Direct Oversight	Part 192.303	Application for Certificate of Convenience and Necessity filing requirements for new construction must meet AGPC	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.303 Compliance with Specifications or Standards
10. More Direct Oversight	Part 191.5	Added definition of "Private line" for reference within state pipeline safety rules	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 191.5 Definitions
11. More Direct Oversight	Part 192.361	Installers (external contractors) other than operators must certify piping is installed per code	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.361(h) Service Lines: Installation
12. Operating Pressure	Part 192.739	More stringent requirements for regulators, i.e. Second	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting	AGPC 192.739 (a)





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		stage regulator, clear vent stacks, guidance on block valves	Arkansas Gas Pipeline Code (AGPC)	Pressure Limiting and Regulating Stations: Inspection and Testing
13. Training / Qualifications	Part 192.723	Leak Surveys must be performed by trained & qualified personnel in use of equipment and classification methodology. Maps need to accompany the leak survey	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.723 (a) Distribution System: Leak Surveys and Procedures
14. Meter Location/ Protection	Part 191.3	Master Meters prohibited with few exceptions	Arkansas Docket Number 05-21-R, Order No. 3 Adoption of Rules & Regulations Governing Utility Service, and Special Rules Gas, Water, Electricity and Telephone	APSC General Service Rules Section 5 Billing Subsection 5.20 Separate Metering and Billing
15. Odorant	Part 192.625	Master meter operators must conduct periodic sampling equivalent to distribution operators.	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.625 Odorization of Gas
16. Odorant	Part 192.625	Defines periodic testing as not exceeding 3 months	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.625 Odorization of Gas
17. Odorant	Part 192.625	Odorant test locations must be at the furthest point from source	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.625 Odorization of Gas
18. Odorant	Part 192.625	Taps off unodorized Transmission lines must be odorized	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.625 Odorization of Gas
19. Leak Tests	Part 192.511	10 psig Test requirement for service lines other than plastic that operate at less than 1 psig	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.511(b) Test Requirements for Service Lines





Arkansas PSC

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
20. Leak Tests	Part 192.511	Test procedure must reasonably ensure discovery of leaks	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.511(c) Test Requirements for Service Lines
21. Leak Tests	Part 192.511	Specifies use of 100 psi gauge scale on service lines other than plastic that operate between 1 psig and 40 psig. Also applies to services greater than 40 psig.	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.511(c) AGPC 192.511(d) Test Requirements for Service Lines
22. Leak Tests	Part 192.723	Specifies equipment to be used for surveys to be FI units and CGI units	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.723 (b)(1) Distribution System: Leak Surveys and Procedures
23. Leak Tests	Part 192.723	Leak tests outside business districts must be conducted on 3 year cycle (39 months not allowed) if unprotected bare steel and 5 year cycle (63 months not allowed)	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.723(b)(2) Distribution System: Leak Surveys and Procedures
24. Leak Tests	Part 192.723	Master Meter owned underground piping must be leak surveyed every 5 years	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.723 (b) (2) Distribution System: Leak Surveys and Procedures
25. Leak Tests	Part 191.5 Part 192.727	Monitoring of Private Line and Master Meter Systems for excess leakage	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.724 Hazardous Facilities
26. Response to Leaks	Part 192.723	Leak Classification System and Required timeline for Repairs	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.723(e) Distribution Systems: Leakage Surveys and Procedures
27. Response to Leaks	Part 192.723	Guidelines and methodology for leak classification is specified and include at least 4 factors,	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.723 (d) Distribution System: Leak





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		proportion ,location, dispersion, evaluation		Surveys and Procedures
28. Response to Leaks	Part 192.723	Requires prompt response to reported leaks with additional guidance for terminating gas upstream of customer service piping and allowance for customer to repair own service piping	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.723(f) Distribution System: Leak Surveys and Procedures
29. Response to Leaks	Part 192.723	Requires prompt response for any leak involving public authorities, police, fire.	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.723(f) Distribution System: Leak Surveys and Procedures
30. Replacement Program	Part 192.755	Replacement Program for Cast Iron/Bare Steel Mains and Services	Arkansas Docket Number 00-353-U Order No. 3 dated 1/8/2003	Exhibit A Sections 1-10 Agreement
31. Extending LDC Responsibility	Part 192.303	Outlines special requirements for new construction by Master Meter operators to be reviewed by LDC prior to installation and operation	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.303 Compliance with Specifications or Standards
32. Design/Install Requirements	Part 192.197 Part 192.357	All Regulators including service regulators must be vented to outside of building regardless of location (not just at customer meter sets) Also applicable to those regulators referenced in Part 192.197 (c)(3)	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.197(b)(2) AGPC 192.197(e) Control of Pressure of Gas Delivered from High Pressure Distribution Systems
33. Design/Install Requirements	Part 192.271	Requires threaded couplings meet AP5LB and use sealant and non power to tighten	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.271(c) Scope
34. Design/Install Requirements	Part 192.281	Plastic Pipe of different materials may not be joined with solvent	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting	AGPC 192.281(a) AGPC 192.281(b)(1)





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		cement and only with heat fusion or mechanical joining	Arkansas Gas Pipeline Code (AGPC)	Plastic Pipe
35. Design/Install Requirements	Part 192.281	Joints must be gas-tight and installed with material that will prevent tensile pull-outs	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.281(e)(1) Plastic Pipe
36. Design/Install Requirements	Part 192.281	Internal tubular stiffeners for plastic pipe must have lock inserts, serrations, or grip rings	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.281(e)(3) Plastic Pipe
37. Design/Install Requirements	Part 192.281	Internal stiffeners to be free of rough or sharp edges with smooth fit into pipe	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.281(e)(4) Plastic Pipe
38. Design/Install Requirements	Part 192.281	Internal stiffeners shall be flush with end of pipe and extend past compressed area	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.281(e)(5) Plastic Pipe
39. Design/Install Requirements	Part 192.321	More stringent requirements for qualifications of installers of plastic pipes	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.321(a) Installation of Plastic Pipe
40. Design/Install Requirements	Part 192.321	Specifically requires minimized stress from construction backfill, thermal contraction, and external loading	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.321(d) Installation of Plastic Pipe
41. Design/Install Requirements	Part 192.367	Requires plastic service lines connected to mains w/ mechanical joints be joined in accordance with 192.281(e)	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.367(b)(3) Service Lines General Requirements for Connections to Main Piping
42. Design/Install Requirements	Part 192.367	Added sleeve over tie-in shear point	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.367(c) Service Lines General Requirements for Connections to Main Piping





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
43. Enhanced Record Keeping	Part 192.491	Does not exempt locations of anodes installed after 1971 from mapping requirements	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.491(a) Corrosion Control Records
44. Enhanced Record Keeping	Part 192.491	Requires all corrosion control records be maintained for life of pipeline, not 5 years	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.491(b) Corrosion Control Records
45. Enhanced Record Keeping	Part 192.615	Requires maintenance of a current map of entire system	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.615(d) Emergency Plans
46. Enhanced Record Keeping	Part 192.723	Leak Repair Records must be kept for life of service if corrosion leak. Leak Repair Records kept for 2 most recent leak surveys	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.723(g) Distribution System: Leak Surveys and Procedures
47. Enhanced Record Keeping	Part 192.615	Requires identification of all key valves which may be needed for safe operation	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.615(d) Emergency Plans
48. Enhanced Record Keeping	Part 192.621	Maximum Allowable Operating Pressure must be identified on all maps, drawings, regulator stations and other appropriate records	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.621 Maximum Allowable Operating Pressure: High Pressure Distribution Systems
49. Enhanced Record Keeping	Part 192.623	Maximum Allowable Operating Pressure must be identified on all maps, drawings, regulator stations and other appropriate records	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting Arkansas Gas Pipeline Code (AGPC)	AGPC 192.623 Maximum and Minimum Allowable Operating Pressure: Low Pressure Distribution Systems
50. Enhanced Record Keeping	Part 192.197	Maximum Actual Operating Pressure must be identified on	Arkansas Docket No. 16-093-R, Order No. 4, 5-19-17, adopting	AGPC 192.622 Maximum Actual Operating





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		all maps, drawings, regulator stations and other appropriate records	Arkansas Gas Pipeline Code (AGPC)	Pressure: High Pressure Distribution Systems
51. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections

National Association of Pipeline Safety Representatives





Arkansas - OGC

Key Stats	
State Agency	Oil and Gas Commission
Division	Pipeline Program Division
Department	Field Inspection Services
Web	http://www.aogc.state.ar.us/
Regulated Intrastate Pipeline Systems	8
Regulated Master Meter Operators	0
Regulated LNG Systems	0
Regulated Hazardous Liquid Systems	0
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	5

THE ARKANSAS OIL AND GAS COMMISSION **IS NOT THE LONE AGENCY THAT OVERSEES SAFETY OF ALL GATHERING PIPELINES IN ARKANSAS.** THE ARKANSAS PUBLIC UTILITIES COMMISSION OVERSEES THOSE GATHERING PIPELINES THAT **ARE AFFILIATED** WITH A NATURAL GAS UTILITY WITHIN ARKANSAS (thus there are 2 sections representing 2 safety programs for Arkansas)

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.7	Requires each operator to submit an annual permit showing contact information, location and map of pipeline depicting beginning and endpoints including road, river and rail crossings	Arkansas Administrative Rule for the Oil and Gas Commission Rule D-17: General Rule For The Regulation Of Natural Gas Pipelines	Section (c) (1) Section (c) (2) Section (c) (3) General Requirements for all Jurisdictional and Non-Jurisdictional Pipelines
2. Enhanced Reporting	Part 191.7	Requires 48 hours advance notification of repairs to pipeline or new construction	Arkansas Administrative Rule for the Oil and Gas Commission Rule D-17: General Rule For The Regulation Of Natural Gas Pipelines	Section (c) (4) General Requirements for all Jurisdictional and Non-Jurisdictional Pipelines





Arkansas OGC

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
3. Enhanced Reporting	Part 191.7	Requires notification within 24 hours of exceedance of MAOP	Arkansas Administrative Rule for the Oil and Gas Commission Rule D-17: General Rule For The Regulation Of Natural Gas Pipelines	Section (c) (5) General Requirements for all Jurisdictional and Non-Jurisdictional Pipelines
4. Pressure Testing	Part 192.505	Requires pressure test to be at minimum of 1.25 times of MAOP even if no structure is within 300 feet for those pipelines that contain sour gas	Arkansas Administrative Rule for the Oil and Gas Commission Rule D-17: General Rule For The Regulation Of Natural Gas Pipelines	Section (f) (1) (c) Additional Requirements for All Pipelines Containing 100 PPM or Greater Hydrogen Sulfide
5. External/Internal Corrosion	Part 192.491	For sour gas lines, requires annual submission of corrosion program and activities performed	Arkansas Administrative Rule for the Oil and Gas Commission Rule D-17: General Rule For The Regulation Of Natural Gas Pipelines	Section (f) (1) (c) Additional Requirements for All Pipelines Containing 100 PPM or Greater Hydrogen Sulfide

National Association of Pipeline Safety Representatives





California - PUC

Key Stats	
State Agency	California Public Utilities Commission
Division	Safety Enforcement and Safety Policy
Department	Safety and Enforcement Branch – Gas Safety & Reliability Section
Web	https://www.cpuc.ca.gov/regulatory-services/safety/pipeline-safety
Regulated Intrastate Pipeline Systems	10
Regulated Master Meter Operators	2,141 (Mobile Home Parks)
Regulated LPG Operators	659
Regulated LNG Systems	3
Regulated Hazardous Liquid Systems	0
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	50

PLEASE NOTE: THE CALIFORNIA PUBLIC UTILITIES COMMISSION **DOES NOT OVERSEE SAFETY** OF HAZARDOUS LIQUID PIPELINES. THE OFFICE OF THE STATE FIRE MARSHAL OVERSEES HAZARDOUS LIQUID PIPELINES IN CALIFORNIA thus there are 2 sections for California

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.3	Requires incidents to be reported that have either attracted public attention or have been given significant media coverage	CPUC General Order 112-F, State of California Rules Governing Design, Construction, Testing, Operation, and Maintenance of Gas Gathering, Transmission, and Distribution Piping Systems	Section 122.2 Gas Incident Reports
2. Enhanced Reporting	Part 191.3	Requires quarterly reporting of all incidents involving escaping gas and exceeding \$1,000 in property damage and incidents which included property	CPUC General Order 112-F, State of California Rules Governing Design, Construction, Testing, Operation, and Maintenance of Gas Gathering,	Section 122.2 Gas Incident Reports





California PUC

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		damage between \$0 and \$1,000, and involved fire, explosion, or underground dig-ins	Transmission, and Distribution Piping Systems	
3. Enhanced Reporting	Part 192.179	Each owner or operator of a CPUC-regulated gas pipeline facility that is an intrastate transmission line shall provide the CPUC with a valve location plan	California Public Utilities Code, Division 1 Regulation of Public Utilities, Part 1 Public Utilities Act, Chapter 4.5 Gas Pipeline Safety, Article 2 Natural Gas Pipeline Safety Act of 2011	Section 957
4. Enhanced Reporting	Part 192.619	Each gas corporation shall submit to the CPUC a proposed comprehensive pressure testing implementation plan for all intrastate transmission lines to either pressure test those lines or to replace all segments of intrastate transmission lines that were not pressure tested or that lack sufficient details related to performance of pressure testing	California Public Utilities Code, Division 1 Regulation of Public Utilities, Part 1 Public Utilities Act, Chapter 4.5 Gas Pipeline Safety, Article 2 Natural Gas Pipeline Safety Act of 2011	Section 958
5. Enhanced Reporting	Part 191.11	Every master meter operator shall prepare and submit to the commission annually a report on the master meter distribution system	California Public Utilities Code, Division 2 Regulation of Related Businesses by the Public Utilities Commission, Chapter 4 Enforcement of Federal Pipeline Safety Standards for Mobile home Park Operators	Section 4354(a)
6. Enhanced Reporting	Part 191.11	Every propane system operator of a system serving 10 or more units or where any portion of the system	California Public Utilities Code, Division 2 Regulation of Related Businesses by the Public Utilities	Section 4454





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		is located in a public place, with the exception of mobile home parks operators, shall prepare and submit to the CPUC annually a report on the distribution system. In the case of mobile home parks (supplied by propane), the report shall be submitted to the CPUC at the same time the annual application for a permit to operate the mobile home park is submitted to the department or the local enforcement agency	Commission, Chapter 4.1 Enforcement of Federal Pipeline Safety Standards for Propane Operators	
7. Enhanced Reporting	Part 191.22	At least 60 days prior to the construction of a new pipeline, or the reconstruction or reconditioning of an existing pipeline, a report shall be filed with the CPUC setting forth the proposed route and general specifications for such pipeline. For utilities with less than 50,000 services, the Report shall be submitted to the CPUC for any installation that is estimated to cost \$1,400,000 or more. For utilities with 50,000 or more services, the Report shall filed with the CPUC for any installation that is	CPUC General Order 112-F State of California Rules Governing Design, Construction, Testing, Operation, and Maintenance of Gas Gathering, Transmission, and Distribution Piping Systems	Section 125 Proposed Installation Report





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		estimated to cost \$3,500,000 or more		
8. Enhanced Reporting	Part 191.17	Twice a year, or as determined by the CPUC, each gas corporation shall file with the CPUC Safety and Enforcement Division a gas transmission and storage safety report	California Public Utilities Code, Division 1 Regulation of Public Utilities, Part 1 Public Utilities Act, Chapter 4.5 Gas Pipeline Safety, Article 2 Natural Gas Pipeline Safety Act of 2011	Section 958.5
9. Enhanced Reporting	Part 191.1	Pipeline operators are to provide notice to the CPUC of any self-identified violations discovered	CPUC Citation Program	Decision 16-09-055
10. Enhanced Reporting	Part 191.3	Requires incidents to be reported where the failure of a pressure relieving and limiting stations, or any other unplanned event, results in pipeline system pressure exceeding its established Maximum Allowable Operating Pressure (MAOP) plus the allowable build up set forth in 49 CFR §192.201	CPUC General Order 112-F, State of California Rules Governing Design, Construction, Testing, Operation, and Maintenance of Gas Gathering, Transmission, and Distribution Piping Systems	Section 122.2 Gas Incident Reports
11. Enhanced Reporting	Part 191.3	Requires incidents to be reported where an under-pressure condition, caused by the failure of any pressure controlling device, or any other unplanned event other than excavation related damage, results in any part of the gas pipeline system losing service or being shut-down	CPUC General Order 112-F, State of California Rules Governing Design, Construction, Testing, Operation, and Maintenance of Gas Gathering, Transmission, and Distribution Piping Systems	Section 122.2 Gas Incident Reports





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
12. Enhanced Reporting	Part 191.11 Part 191.12 Part 191.17	At the same time as annual reports required by 49 CFR § 191.11, 191.12, & 191.17 are submitted, each utility shall also submit the number and type of gas leaks repaired; the time between finding the leak and its repair; response time to reports of leaks; the number of events in which pressure in any pipeline facility exceeded the maximum allowable operating pressure (MAOP) by 50% or more of the buildup allowed for by 49 CFR §192.201; the amount of time it takes for changes, repairs, or new facilities to be finalized and updated, per the utility's procedures, to the utility's facilities maps; the number of employees evaluated, and those disqualified after evaluation; excavation damage prevention related data; lost and unaccounted for gas (LUAF gas) data; public liaison activities; Gas Safety Plan	CPUC General Order 112-F, State of California Rules Governing Design, Construction, Testing, Operation, and Maintenance of Gas Gathering, Transmission, and Distribution Piping Systems	Section 123.2 Annual Reports
13. Enhanced Reporting	Part 191.22	At least 30 days prior to an increase in the maximum allowable operating pressure of a pipeline that is not a low pressure distribution main	CPUC General Order 112-F, State of California Rules Governing Design, Construction, Testing, Operation, and Maintenance of Gas	Section 126 Change in Maximum Allowable Operating Pressure





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		serving less than 300 customers, a report shall be filed with the Commission for a pipeline to be operated at a hoop stress of 20 percent or more of the specified minimum yield strength of the, for 2500 feet or more of distribution main to be uprated from less than or equal to 60 psig to an MAOP above 60 psig, or the conversion of 5000 feet or more of low pressure distribution main to high pressure	Gathering, Transmission, and Distribution Piping Systems	
14. Enhanced Reporting	Part 191.22(c)(1)(iii)	An operator, who is planning to build a LNG facility in the state of California, shall notify the Gas Safety and Reliability Branch 90 days prior to commencing construction on that LNG facility	CPUC General Order 112-F, State of California Rules Governing Design, Construction, Testing, Operation, and Maintenance of Gas Gathering, Transmission, and Distribution Piping Systems	Section 162.3 Liquefied Natural Gas Facilities
15. More Direct Oversight	Part 192.1(b)(5)	Propane Distribution Systems are defined that includes more jurisdictional systems than PHMSA	California Public Utilities Code, Division 2 Regulation of Related Businesses by the Public Utilities Commission, chapter 4.1 Enforcement of Federal Pipeline Safety Standards for Propane Operators	Section 4451
16. More Direct Oversight	Part 192.615 Part 192.616	Owners and operators of intrastate transmission and distribution lines, at least once each calendar year, shall meet with each local fire department having	California Public Utilities Code, Division 1 Regulation of Public Utilities, Part 1 Public Utilities Act, Chapter 4.5 Gas Pipeline Safety, Article 2 Natural Gas	Section 956.5





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		fire suppression responsibilities in the area where those lines are located to discuss and review contingency plans for emergencies involving the intrastate transmission and distribution lines within the jurisdiction of the local fire department	Pipeline Safety Act of 2011	
17. More Direct Oversight	Part 192.605 Part 192.615 Part 192.616 Part 192.631 Part 192.907 Part 192.1005	Each gas corporation shall develop a plan for the safe and reliable operation of its CPUC-regulated gas pipeline facilities. Each gas corporation shall periodically review and update the plan, and the CPUC shall review and accept, modify, or reject an updated plan at regular intervals thereafter. The plan may include any additional matter that the CPUC determines should be included in the plan	California Public Utilities Code, Division 1 Regulation of Public Utilities, Part 1 Public Utilities Act, Chapter 4.5 Gas Pipeline Safety, Article 2 Natural Gas Pipeline Safety Act of 2011	Section 961
18. More Direct Oversight	Part 192.615	In establishing emergency response procedures, all gas utilities shall use, at a minimum, the Incident Command Systems (ICS) as a framework for responding to and managing emergencies and disasters involving multiple jurisdictions or multiple agency responses	CPUC General Order 112-F, State of California Rules Governing Design, Construction, Testing, Operation, and Maintenance of Gas Gathering, Transmission, and Distribution Piping Systems	Section 143.6 Compatible Emergency Response Standard
19. More Direct Oversight	Part 192.615	Emergency plans required under 49 CFR	California Public Utilities Code,	Section 956





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		<p>§192.615 shall include requirements for operators to: notify appropriate first responders of emergency shutdown and pressure reduction; owners or operators of intrastate transmission and distribution lines shall establish and maintain liaison with appropriate fire, police, and other public officials; owners and operators of intrastate transmission lines shall provide the State Fire Marshal and the chief fire official of the applicable city, county, city and county, or fire protection district with instructions on how to access and utilize the National Pipeline Mapping System (NPMS)</p>	<p>Division 1 Regulation of Public Utilities, Part 1 Public Utilities Act, Chapter 4.5 Gas Pipeline Safety, Article 2 Natural Gas Pipeline Safety Act of 2011</p>	
<p>20. Pressure Testing</p>	<p>Part 192.619 Part 192.503 Part 192.505 Part 192.507 Part 192.517</p>	<p>A comprehensive pressure testing implementation plan shall be developed and provide for testing or replacing all intrastate transmission lines as soon as practicable. The comprehensive pressure testing implementation plan shall set forth criteria on which pipeline segments were identified for replacement instead of pressure testing</p>	<p>California Public Utilities Code, Division 1 Regulation of Public Utilities, Part 1 Public Utilities Act, Chapter 4.5 Gas Pipeline Safety, Article 2 Natural Gas Pipeline Safety Act of 2011</p>	<p>Section 958</p>





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
21. Pressure Testing	Part 192.509	Each main to be operated at or above 60 p.s.i.g. but less than 100 p.s.i.g. must be tested to a minimum of 1.5 times the proposed MAOP. Services lines other than plastic intended to be operated at a pressure less than 1 p.s.i.g. must be tested to a minimum pressure of 10 p.s.i.g. for a minimum duration of 5 minutes	CPUC General Order 112-F, State of California Rules Governing Design, Construction, Testing, Operation, and Maintenance of Gas Gathering, Transmission, and Distribution Piping Systems	Section 144 Test Requirements for Pipelines to Operate Below 100 p.s.i.g.
22. Damage Prevention	Part 192.614	Every operator of a subsurface installation shall become a member of, participate in, and share in the costs of, a regional notification center	California Government Code, Title 1. General, Division 5 Public Work and Public Purchases, Chapter 3.1 Protection of Underground Infrastructure, Article 2 Regional Notification Center System	Section 4216 et seq. Regional Notification Center System
23. Damage Prevention	Part 192.614	Only a <u>qualified</u> person (meeting the minimum locators training guidelines and practices published in the most recent version of the Best Practices guide of the Common Ground Alliance) shall perform subsurface installation locating activities	California Government Code, Title 1. General, Division 5 Public Work and Public Purchases, Chapter 3.1 Protection of Underground Infrastructure, Article 2 Regional Notification Center System	Section 4216 et seq. Regional Notification Center System
24. Operator Qualification	Part 192.801	Covered Task means those tasks defined by 49 C.F.R §192.801, but also includes “new construction” in the federal definition of “covered task”	CPUC General Order 112-F, State of California Rules Governing Design, Construction, Testing, Operation, and Maintenance of Gas	Section 105 Definitions





California PUC

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Gathering, Transmission, and Distribution Piping Systems	
25. Meter Location/Protection	Part 192.301 Part 191.3	Residents of mobile home parks and manufactured housing communities constructed after January 1, 1997, shall be individually metered and served by gas distribution facilities owned, operated, and maintained by the gas corporation providing the service in the area where the new park or community is located consistent with the commission's orders regarding unbundling, aggregation, master-metering, and selection of suppliers by residential customers (<i>Prohibits new master meters</i>)	California Public Utilities Code, Division 1 Regulation of Public Utilities, Part 2 Specific Public Utilities, Chapter 6.5 Transfer of Facilities in Master-metered Mobile home Parks and Manufactured Housing Communities to Gas or Electric Corporation Ownership	Section 2791(c)
26. Leak Test	Part 192.723(b)(1) Part 192.706	A gas detector survey must be conducted in the vicinity of schools, hospitals, and churches at intervals not exceeding 15 months, but as least once every calendar year. A gas leakage survey of transmission pipelines, using leak detecting equipment must be conducted at least twice each year and at intervals not exceeding 7 ½ months	CPUC General Order 112-F, State of California Rules Governing Design, Construction, Testing, Operation, and Maintenance of Gas Gathering, Transmission, and Distribution Piping Systems	Section 143.1 Distribution Systems
27. Response to Leaks	Part 192.605(b)(10)	All leaks of any consequence in gas pipeline, valves and	CPUC General Order 112-F, State of California Rules	Section 183.1 Pipe-Type & Bottle-Type





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		equipment in the vicinity of a holder must be promptly repaired upon discovery, or as soon as practicable. All hazardous leaks must be remedied at once	Governing Design, Construction, Testing, Operation, and Maintenance of Gas Gathering, Transmission, and Distribution Piping Systems	Holders: Plan For Inspection and Testing
28. Response to Leaks	Part 192.703	Defines Grade 1, Grade 2, and Grade 3 leaks. Grade 1 leaks represents an existing or probable hazard to persons or property and requiring prompt action, immediate repair, or continuous action until the conditions are no longer hazardous. Grade 2 leaks are recognized as being not hazardous at the time of detection but justifies scheduled repair based on the potential for creating a future hazard. Grade 3 leaks are not hazardous at the time of detection and can reasonably be expected to remain not hazardous	CPUC General Order 112-F, State of California Rules Governing Design, Construction, Testing, Operation, and Maintenance of Gas Gathering, Transmission, and Distribution Piping Systems	Section 143.2 Leak classification and action criteria – Grade – Definition – Priority of leak repair
29. Authority Beyond OPS	Part 190.213 Part 192.615	Noncompliance with rule regarding master meter operator requirement to correct and repair a gas leak or other safety hazard constitutes grounds for termination of service	California Public Utilities Code, Division 2 Regulation of Related Businesses by the Public Utilities Commission, Chapter 4 Enforcement of Federal Pipeline Safety Standards for Mobile home Park Operators	Section 4356
30. Authority Beyond OPS	Part 192.605 Part 193.2019	All Operators must include mobile LNG equipment within the	CPUC General Order 112-F, State of California Rules	Section 162.4 Liquefied





California PUC

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		written operations and maintenance plans required by 49 CFR, Part 192, §192.605, to the extent that they own, operate, or utilize mobile LNG equipment	Governing Design, Construction, Testing, Operation, and Maintenance of Gas Gathering, Transmission, and Distribution Piping Systems	Natural Gas Facilities
31. External/Internal Corrosion	Part 192.605(b)(10)	An internal and external inspection of high pressure holder required every 10 years by qualified inspectors with reports submitted to Commission	CPUC General Order 112-F, State of California Rules Governing Design, Construction, Testing, Operation, and Maintenance of Gas Gathering, Transmission, and Distribution Piping Systems	Section 183.2 Pipe-Type & Bottle-Type Holders: Plan For Inspection and Testing
32. External/Internal Corrosion	Part 192.605(b)(10)	When impractical to enter holder corrosion inspection shall be completed with plugs/holes in shell. End closures shall be removed if entering for interior corrosion inspection	CPUC General Order 112-F, State of California Rules Governing Design, Construction, Testing, Operation, and Maintenance of Gas Gathering, Transmission, and Distribution Piping Systems	Section 183.3 Pipe-Type & Bottle-Type Holders: Plan For Inspection and Testing
33. External/Internal Corrosion	Part 192.605(b)(10)	Calibration of ultrasonic testing equipment must be within .002 inch is required when NDT is method of inspection to measure wall thickness	CPUC General Order 112-F, State of California Rules Governing Design, Construction, Testing, Operation, and Maintenance of Gas Gathering, Transmission, and Distribution Piping Systems	Section 183.4 Pipe-Type & Bottle-Type Holders: Plan For Inspection and Testing
34. External/Internal Corrosion	Part 192.605(b)(10)	If defective or hazardous condition found in holders they must be taken out of service or immediately repaired and confirmed by soil	CPUC General Order 112-F, State of California Rules Governing Design, Construction, Testing, Operation, and Maintenance of Gas	Section 183.5 Pipe-Type & Bottle-Type Holders: Plan For Inspection and Testing





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		excavations at the soil/air interface vicinity to ensure no corrosion or leakage is present	Gathering, Transmission, and Distribution Piping Systems	
35. Design/Install Requirement	Part 192.177	Electrical equipment and wiring installed at holders must conform to the National Electrical Code, NFPA-70, so far as that Code is applicable	CPUC General Order 112-F, State of California Rules Governing Design, Construction, Testing, Operation, and Maintenance of Gas Gathering, Transmission, and Distribution Piping Systems	Section 182.2 Pipe-Type & Bottle-Type Holders: Design and Construction
36. Design/Install Requirement	Part 192.177	Any holder designed and constructed in accordance with the requirements for location class 1 or 2, but not 3, shall be installed at least 75 feet from a flammable building or adjoining property that may have a flammable building constructed thereon in the future, or from the nearest rail or a track on a railroad private right-of-way	CPUC General Order 112-F, State of California Rules Governing Design, Construction, Testing, Operation, and Maintenance of Gas Gathering, Transmission, and Distribution Piping Systems	Section 182.3 Pipe-Type & Bottle-Type Holders: Design and Construction
37. Design/Install Requirement	Part 192.177	Each vent line that exhausts gas from a pressure relief valve or blowdown valve must extend to a location where the gas may be discharged without hazard	CPUC General Order 112-F, State of California Rules Governing Design, Construction, Testing, Operation, and Maintenance of Gas Gathering, Transmission, and Distribution Piping Systems	Section 182.4 Pipe-Type & Bottle-Type Holders: Design and Construction
38. Design/Install Requirements	Part 192.177	A device which will maintain a continuous pressure record shall be installed at the inlet	CPUC General Order 112-F, State of California Rules Governing Design,	Section 182.5 Pipe-Type & Bottle-Type





California PUC

State Page Last Revised: Feb 2020

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		or outlet of each holder, except that where a group of holders are jointly connected and are all filled from the same gas source and all empty into a common line or system, only one device will be required. A pressure indicating device shall be installed on each container in the holder	Construction, Testing, Operation, and Maintenance of Gas Gathering, Transmission, and Distribution Piping Systems	Holders: Design and Construction
39. Design/Install Requirement	Part 192.177	Each holder facility must have adequate fire-protection facilities	CPUC General Order 112-F, State of California Rules Governing Design, Construction, Testing, Operation, and Maintenance of Gas Gathering, Transmission, and Distribution Piping Systems	Section 182.6 Pipe-Type & Bottle-Type Holders: Design and Construction
40. Design/Install Requirement	Part 192.177	Holders shall be provided with overpressure protection systems complying with the requirements of 192.195	CPUC General Order 112-F, State of California Rules Governing Design, Construction, Testing, Operation, and Maintenance of Gas Gathering, Transmission, and Distribution Piping Systems	Section 182.7 Pipe-Type & Bottle-Type Holders: Design and Construction
41. Design/Install Requirement	Part 192.177	When a holder is constructed adjacent to any existing electric transmission line normally carrying voltages in excess of 50,000 volts, the holder shall be located no nearer to the lines than the height of the poles carrying them	CPUC General Order 112-F, State of California Rules Governing Design, Construction, Testing, Operation, and Maintenance of Gas Gathering, Transmission, and Distribution Piping Systems	Section 182.8 Pipe-Type & Bottle-Type Holders: Design and Construction





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
42. Design/Install Requirements	Part 192.179	The CPUC shall require the installation of automatic shutoff or remote controlled sectionalized block valves on both of the following facilities, if it determines those valves are necessary for the protection of the public: a) Intrastate transmission lines that are located in a high consequence area and b) Intrastate transmission lines that traverse an active seismic earthquake fault	California Public Utilities Code, Division 1 Regulation of Public Utilities, Part 1 Public Utilities Act, Chapter 4.5 Gas Pipeline Safety, Article 2 Natural Gas Pipeline Safety Act of 2011	Section 957
43. Design/Install Requirements	Part 192.325	Gas pipelines, when independently installed, shall be separated, where practicable from electrical supply systems, water, oil, communication, or other pipe systems or other foreign substructures, by a clearance of at least 12 inches when paralleling and by at least 6 inches when crossing. Gas pipeline, when concurrently installed with electrical supply systems, water, oil, communication, other pipe systems, or other foreign substructures, shall be installed with the separation required by paragraph 1 of this section, except that by mutual agreement between all of the	CPUC General Order 112-F, State of California Rules Governing Design, Construction, Testing, Operation, and Maintenance of Gas Gathering, Transmission, and Distribution Piping Systems	Section 144 Test Requirements for Pipelines to Operate Below 100 p.s.i.g.





California PUC

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		parties involved there may be less separation for duct systems for supply cables of 0 - 750 volts		
44. Design/Install Requirements	Part 192.361	With the exception of gas pipeline facilities related to installations in gas meter rooms or other specially designed indoor locations where an outdoor meter installation is not possible or practical, a utility transporting LNG, natural gas or other gas shall not construct any part of a LNG, natural gas or other gas pipeline system under a building	CPUC General Order 112-F, State of California Rules Governing Design, Construction, Testing, Operation, and Maintenance of Gas Gathering, Transmission, and Distribution Piping Systems	Section 143.5 Encroachments
45. Risk Based Approaches	Part 192.903	The Commission restricts the use of Method 2 in 49 CFR §192.903, in determining HCAs to pipeline segments of 12-inches or less	CPUC General Order 112-F, State of California Rules Governing Design, Construction, Testing, Operation, and Maintenance of Gas Gathering, Transmission, and Distribution Piping Systems	Section 105 Definitions
46. Risk Based Approaches	Part 192.12	If a new underground gas storage facility is proposed, the commission shall ensure that a risk assessment evaluating the potential impact of a leak from the facility on public and environmental health, safety, and welfare is conducted by the project proponent	California Public Utilities Code, Division 1 Regulation of Public Utilities, Part 1 Public Utilities Act, Chapter 5 Certificates of Public Convenience and Necessity	Section 1103





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
47. Enhanced Record Keeping	Part 192.615 Part 192.747	Every operator shall maintain all of the following: A map, drawing, or diagram which indicates the location of the distribution system's main and service lines, master-meter, and the identity of key valves	California Public Utilities Code, Division 2 Regulation of Related Businesses by the Public Utilities Commission, Chapter 4 Enforcement of Federal Pipeline Safety Standards for Mobile Home Park Operators	Section 4354.5(a)
48. Enhanced Record Keeping	Part 192.603(b)	Each operator shall maintain the following records for transmission lines: the date, location, and description of each repair made to pipe must be retained for as long as the pipeline remains in service; the date, location, and description of each repair made to parts of the pipeline system other than pipe must be retained for at least 75 years; a record of each patrol, survey, inspection, and test required by subparts L and M of Part 192 must be retained for at least 75 years	CPUC General Order 112-F, State of California Rules Governing Design, Construction, Testing, Operation, and Maintenance of Gas Gathering, Transmission, and Distribution Piping Systems	Section 145 Transmission Lines: Recordkeeping
49. Stronger Enforcement Penalties	Part 190.223	Every violation of any part of any order, decision, decree, rule, direction, demand, or requirement of the CPUC, by any corporation or person is a separate and distinct offense, and in case of a continuing violation each day's continuance thereof shall be a separate and distinct offense	California Public Utilities Code, Division 1 Regulation of Public Utilities, Part 1 Public Utilities Act, Chapter 11 Violations	Section 2108





California PUC

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
50. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections

PLEASE NOTE: THE CALIFORNIA PUBLIC UTILITIES COMMISSION **DOES NOT OVERSEE SAFETY** OF HAZARDOUS LIQUID PIPELINES. THE OFFICE OF THE STATE FIRE MARSHAL OVERSEES HAZARDOUS LIQUID PIPELINES IN CALIFORNIA thus there are 2 sections for California





California - SFM

Key Stats	
State Agency	Office of the State Fire Marshal
Division	Pipeline Safety
Department	CalFire
Web	https://osfm.fire.ca.gov/divisions/pipeline-safety-and-cupa/
Regulated Intrastate Systems	60 operators (5,901 miles)
Regulated LPG Systems	0
Regulated LNG Systems	0
Regulated Hazardous Liquid Systems	60
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	12

PLEASE NOTE: THE OFFICE OF THE STATE FIRE MARSHAL **DOES NOT OVERSEE SAFETY** OF GAS PIPELINES. THE CALIFORNIA PUBLIC UTILITIES COMMISSION OVERSEES SAFETY OF GAS PIPELINES IN CALIFORNIA thus there are 2 separate state agencies for California pipelines.

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 195.403 Part 195.440	Every pipeline operator shall provide to the fire department having fire suppression responsibilities a map or suitable diagram showing the location of the pipeline, a description of all products transported within the pipeline, and a contingency plan for pipeline emergencies which shall include, but not be limited to any reasonable information which the State Fire Marshal may require	California Government Code Title 5, Local Agencies. Division 1. Cities And Counties. Part 1. Powers and Duties Common to Cities and Counties, Chapter 5.5. The Elder California Pipeline Safety Act of 1981	Section 51015(a)
2. Enhanced Reporting	Part 195.52	Every rupture, explosion, or fire involving a pipeline, including a	California Government Code Title 5, Local Agencies. Division 1.	Section 51018





California SFM

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		pipeline system otherwise exempted by subdivision (a) of Section 51010.5, and including a pipeline undergoing testing, shall be immediately reported by the pipeline operator to the fire department having fire suppression responsibilities and to the Office of Emergency Services	Cities And Counties. Part 1. Powers and Duties Common to Cities and Counties, Chapter 5.5. The Elder California Pipeline Safety Act of 1981	
3. Enhanced Reporting	Part 195.452	An operator of an existing pipeline near environmentally and ecological sensitives areas in the coastal zone shall submit a plan to retrofit existing pipelines near environmentally and ecologically sensitive areas in the coastal zone with the best available technology based on a risk analysis conducted by the operator to reduce the amount of oil released in an oil spill to protect state waters and wildlife	California Government Code Title 5, Local Agencies. Division 1. Cities and Counties. Part 1. Powers and Duties Common to Cities and Counties, Chapter 5.5. The Elder California Pipeline Safety Act of 1981	Section 51013(a)
4. More Direct Oversight	Part 195.403 Part 195.440	Every pipeline operator shall offer to meet with the local fire department having fire suppression responsibilities at least once each calendar year to discuss and review contingency plans for pipeline emergencies	California Government Code Title 5, Local Agencies. Division 1. Cities And Counties. Part 1. Powers and Duties Common to Cities and Counties, Chapter 5.5. The Elder California Pipeline Safety Act of 1981	Section 51015(c)
5. Pressure Testing	Part 195.300	All pressure tests must be witnessed by an independent testing firm	California Government Code Title 5, Local Agencies. Division 1. Cities And Counties. Part 1. Powers and Duties Common to Cities and Counties,	Section 51014.5





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Chapter 5.5. The Elder California Pipeline Safety Act of 1981	
6. Pressure Testing	Part 195.452	Piping within a bulk loading facility to be tested every 5 years	California Government Code Title 5, Local Agencies. Division 1. Cities And Counties. Part 1. Powers and Duties Common to Cities and Counties, Chapter 5.5. The Elder California Pipeline Safety Act of 1981	Section 51013.5(e)
7. Pressure Testing	Part 195.452	All pipelines shall be pressure tested or internally inspected every five years	California Government Code Title 5, Local Agencies. Division 1. Cities And Counties. Part 1. Powers and Duties Common to Cities and Counties, Chapter 5.5. The Elder California Pipeline Safety Act of 1981	Section 51013.5
8. Leak Tests	Part 195.452	Higher risk category for pipelines that experience a leak meeting defined criteria. Pipelines to be tested every 2 years until five years pass without another leak	California Government Code Title 5, Local Agencies. Division 1. Cities And Counties. Part 1. Powers and Duties Common to Cities and Counties, Chapter 5.5. The Elder California Pipeline Safety Act of 1981	Section 51013.5(f)
9. Authority Beyond (OPS)	Part 195.452 Part 195.440 Part 195.412	No person, other than the pipeline operator, shall do any of the following with respect to any pipeline easement: (1) Build, erect, or create a structure or improvement within the pipeline easement or permit the building, erection, or creation thereof. (2) Build, erect, or create a structure, fence, wall, or obstruction adjacent to any pipeline easement	California Government Code Title 5, Local Agencies. Division 1. Cities And Counties. Part 1. Powers and Duties Common to Cities and Counties, Chapter 5.5. The Elder California Pipeline Safety Act of 1981	Section 51014.6





California SFM

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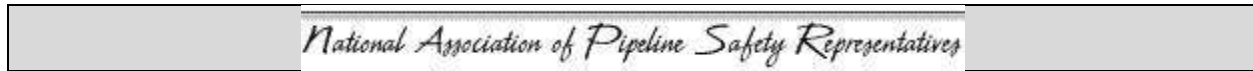
Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		which would prevent complete and unimpaired surface access to the easement, or permit the building, erection, or creation thereof. (b) No shrubbery or shielding shall be installed on the pipeline easement which would impair aerial observation of the pipeline easement		
10. Risk-based approaches	Part 195.452	Any new or replacement pipeline near environmentally and ecologically sensitive areas in the coastal zone shall use best available technology based on a risk analysis conducted by the operator, to reduce the amount of oil released in an oil spill to protect state waters and wildlife	California Government Code Title 5, Local Agencies. Division 1. Cities and Counties. Part 1. Powers and Duties Common to Cities and Counties, Chapter 5.5. The Elder California Pipeline Safety Act of 1981	Section 51013(a)
11. State Program Inspections	Part 195.408 Part 195.440 Part 190.203	The State Fire Marshal shall develop a comprehensive data base of pipeline information that can be utilized for emergency response and program operational purposes. The data base shall include information on pipeline location, age, reported leak incidences, and inspection history, and shall have the capability of mapping pipeline locations throughout the state	California Government Code Title 5, Local Agencies. Division 1. Cities And Counties. Part 1. Powers and Duties Common to Cities and Counties, Chapter 5.5. The Elder California Pipeline Safety Act of 1981	Section 51015(c)
12. State Program Inspections	Part 190.203	The State Fire Marshal shall annually inspect all intrastate pipelines and operators of intrastate pipeline under the jurisdiction of the State Fire Marshal to ensure	California Government Code Title 5, Local Agencies. Division 1. Cities and Counties. Part 1. Powers and Duties Common to Cities and Counties,	Section 51015(a)

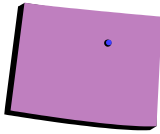




Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		compliance with applicable laws and regulations	Chapter 5.5. The Elder California Pipeline Safety Act of 1981	

PLEASE NOTE: THE OFFICE OF THE STATE FIRE MARSHAL **DOES NOT OVERSEE SAFETY** OF GAS PIPELINES. THE CALIFORNIA PUBLIC UTILITIES COMMISSION OVERSEES SAFETY OF GAS PIPELINES IN CALIFORNIA thus there are 2 separate state agencies for California pipelines.





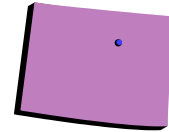
Colorado

Key Stats	
State Agency	Colorado Public Utilities Commission
Division	Pipeline Safety
Department	Department of Regulatory Agencies
Web	https://puc.colorado.gov/gaspipelines
Regulated Intrastate Pipeline Systems	51
Regulated Master Meter/LPG Operators	22
Regulated LNG Systems	0
Regulated Hazardous Liquid Systems	0
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	10

Applicable Requirement in CFR

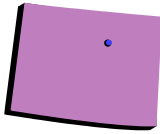
Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.5	Telephonic Reporting of an Incident to Pipeline Safety Staff within 2 hours = includes Rural gathering	Colorado Department Of Regulatory Agencies, Public Utilities Commission, 4 <i>Code Of Colorado Regulations (CCR) 723-4</i> Part 4 Rules Regulating Gas Utilities And Pipeline Operators	PUC Rule 4911 Gas Pipeline Safety Filing Incident, Safety-Related Condition, Construction, Damage, and Annual Reports (Telephonic Notices)
2. Enhanced Reporting	Part 191.5	Telephonic Reporting to Pipeline Safety Staff of evacuation of 50 people	Colorado Department Of Regulatory Agencies, Public Utilities Commission, 4 <i>Code Of Colorado Regulations (CCR) 723-4</i> Part 4 Rules Regulating Gas Utilities And Pipeline Operators	PUC Rule 4911 Gas Pipeline Safety Filing Incident, Safety-Related Condition, Construction, Damage, and Annual Reports (Telephonic Notices)
3. Enhanced Reporting	Part 191.5	Telephonic Reporting within 2 hours to Pipeline Safety Staff if	Colorado Department Of Regulatory Agencies, Public	PUC Rule 4911 Gas Pipeline Safety





			gas leak causes closure of a roadway or railroad – includes rural Transmission and Gathering	Utilities Commission, 4 <i>Code Of Colorado Regulations (CCR)</i> 723-4 Part 4 Rules Regulating Gas Utilities And Pipeline Operators	Filing Incident, Safety-Related Condition, Construction, Damage, and Annual Reports (Telephonic Notices)
4. Enhanced Reporting	Part 192.614		Damage Reporting annually to Pipeline Safety Staff for all local distribution operators and municipal operated municipal operated Systems	Colorado Department Of Regulatory Agencies, Public Utilities Commission, 4 <i>Code Of Colorado Regulations (CCR)</i> 723-4 Part 4 Rules Regulating Gas Utilities And Pipeline Operators	PUC Rule 4916 Gas Pipeline Safety Filing Incident, Safety-Related Condition, Construction, Damage, and Annual Reports (Reporting of Pipeline Damage & Locating Information)
5. More Direct Oversight	Part 192.3		Addition definitions for “Major Project”, “Roadway”, “Production Facility	Colorado Department Of Regulatory Agencies, Public Utilities Commission, 4 <i>Code Of Colorado Regulations (CCR)</i> 723-4 Part 4 Rules Regulating Gas Utilities And Pipeline Operators	PUC Rule 4901 Gas Pipeline Safety General Provisions (Definitions)
6. More Direct Oversight	Part 192.305		Construction Notification to Pipeline Safety Staff at least 20 days prior to the start of a Major Project	Colorado Department Of Regulatory Agencies, Public Utilities Commission, 4 <i>Code Of Colorado Regulations (CCR)</i> 723-4 Part 4 Rules Regulating Gas Utilities And Pipeline Operators	PUC Rule 4917 Gas Pipeline Safety Filing Incident, Safety-Related Condition, Construction, Damage, and Annual Reports (Filing Notices of Major Project)
7. More Direct Oversight	Part 192.605		Appropriate Action required by Operators after any Alert Bulletins are issued by PHMSA – OPS, NTSB	Colorado Department Of Regulatory Agencies, Public Utilities Commission, 4 <i>Code Of Colorado Regulations (CCR)</i> 723-4	PUC Rule 4906 Gas Pipeline Safety General Provisions (Alert Notices)





Colorado

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			Part 4 Rules Regulating Gas Utilities And Pipeline Operators	
8. More Direct Oversight	Part 190.237 Part 192.605 Part 192.803 Part 192.617	Amendments of Operator Qualification Plans and Operator Operation and Maintenance Procedures required after any incident, , a safety-related condition, or an abnormal operating condition	Colorado Department Of Regulatory Agencies, Public Utilities Commission, 4 <i>Code Of Colorado Regulations</i> (CCR) 723-4 Part 4 Rules Regulating Gas Utilities And Pipeline Operators	PUC Rule 4953 Gas Pipeline Safety Safety Standards for Gas Transportation by Pipeline and Gas Pipeline Systems (Procedural Updates)
9. Authority Beyond OPS	Part 192.9	Specific Requirements for Type A,B,C Gathering Pipelines	Colorado Department Of Regulatory Agencies, Public Utilities Commission, 4 <i>Code Of Colorado Regulations</i> (CCR) 723-4 Part 4 Rules Regulating Gas Utilities And Pipeline Operators	PUC Rule 4952 Gas Pipeline Safety Safety Standards for Gas Transportation by Pipeline and Gas Pipeline Systems (Gathering Pipeline)
10. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections

National Association of Pipeline Safety Representatives





Connecticut

Key Stats	
State Agency	Department of Energy and Environmental Protection (DEEP)
Division	Public Utilities Regulatory Authority (PURA)
Department	Gas Pipeline Safety Unit (GPSU)
Web	http://www.ct.gov/pura/cwp/view.asp?a=3363&Q=492678&puraNav_GID=1702
Regulated Intrastate Pipeline Systems	4
Regulated Master Meter Operators	0
Regulated LNG Systems	3
Regulated Hazardous Liquid Systems	0
Regulated LPG Operators	23
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	38

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.3 Part 191.9	Enhanced accident reporting including any type of bodily injury or involving public safety, written reports required in 5 days	Regulations of Connecticut State Agencies, Title 16 Public Service Companies, Department of Public Utility Control, Requirements of Public Service Companies and Electric Suppliers To Report Accidents, Section 16-16-1 – 16-16-4	Sections 16-16 Report of accidents- -Sec. 16-16, General Statutes
2. Enhanced Reporting	Part 191.11	Gas companies must file a comprehensive report on the condition of its underground facilities every 2 years to PURA and each municipality located within its service territory. Included shall be age and condition of facilities,	General Statutes of Connecticut, Title 16, Public Service Companies, Chapter 293 Excavation, Demolition Or Discharge Of Explosives, Section 16-358	Section 16-358 Underground gas facilities report Requirements



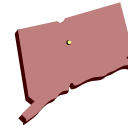


Connecticut

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		major repairs made, replacement plans, new construction plans		
3. Enhanced Reporting	Part 192.605	Changes or Revisions to Operations plans, policies, procedures or standards shall be submitted prior to implementation	PURA Order	Docket Nos. 18-05-16, 17-05-42 and 18-05-10 (only most recent dockets shown)
4. Enhanced Reporting	Part 192.614 Part 192.1007(e)	Monthly reporting of third party damage statistics	PURA Orders	Docket Nos. 18-05-16, 17-05-42 and 18-05-10 (only most recent dockets shown)
5. Enhanced Reporting	Part 192.615	Emergency plans must be filed with PURA, Department of Emergency Management and Homeland Security and each municipality located within the service area of the public service company	General Statutes of Connecticut, Title 16 Public Service Companies, Public Utilities Regulatory Authority, Chapter 277 Department Of Energy And Environmental Protection. Public Utilities Regulatory Authority. Office Of Consumer Counsel. Miscellaneous Provisions, Section 16-32 Emergency Plans to be filed	Section 16-32(e) Emergency plans to be filed by public service companies, telecommunications companies and municipal utilities
6. Enhanced Reporting	Part 192.1007(e)	Monthly reporting of the number of outstanding Grade 2 and Grade 3 leaks	PURA Orders	Docket Nos. 18-05-16, 17-05-42 and 18-05-10 (only most recent dockets shown)
7. Enhanced Reporting	Part 192.1007(e)	Semi-annual reporting of expenditures on cast iron and bare steel replacement programs	PURA Orders	Docket Nos. 18-05-16, 17-05-42 and 18-05-10 (only most recent dockets shown)
8. Enhanced Reporting	Part 192.1007(e)	Gas companies must report details of all Grade 1 and Grade 2	Regulations of Connecticut State Agencies, Title 16 Public Service	Section 16-11-12 c Gas leaks





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		leaks on a monthly basis	Companies, Department of Public Utility Control, Subtitle Gas Companies Operating Within the State of Connecticut, Part II Continuity of Service, Section 16-11-12C Gas Leaks	
9. Enhanced Reporting	Part 190.203	Gas companies shall furnish to PURA, at such times and in such form as PURA may require, the results of any required tests and summaries of any required records. Gas companies shall also furnish PURA with any information concerning the gas company's facilities or operations which PURA may request and need for determining rates or judging the practices of the gas company	Regulations of Connecticut State Agencies, Title 16 Public Service Companies, Department of Public Utility Control, Subtitle Gas Companies Operating Within the State of Connecticut, Part III Quality Control, Equipment, Standards, Records and Reports, Gas Company System Records ,Section 16-11-47, Reports to Commission	Section 16-11-47 Reports to commission
10. Enhanced Reporting	Part 191.22	Public Service Companies must obtain PURA approval prior to any mergers	General Statutes of Connecticut, Title 16 Public Service Companies, Public Utilities Regulatory Authority, Chapter 277 Department Of Energy And Environmental Protection. Public Utilities Regulatory Authority. Office Of Consumer Counsel. Miscellaneous Provisions, Section 16-43 and Section 16-47	Section 16-43 Merger or sale of public service companies Section 16-47 Holding companies. Approval of department re exercise of control



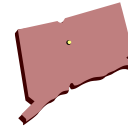


Connecticut

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
11. Enhanced Reporting	Part 191.22	Public Service Companies must obtain PURA approval prior to selling, leasing, assigning, mortgaging, or otherwise disposing of any essential part of its franchise, plant, equipment or other property necessary or useful in the performance of its duty to the public	General Statutes of Connecticut, Title 16 Public Service Companies, Public Utilities Regulatory Authority, Chapter 277 Department Of Energy And Environmental Protection. Public Utilities Regulatory Authority. Office Of Consumer Counsel. Miscellaneous Provisions, Section 16-43	Section 16-43 Merger or sale of public service companies
12. More Direct Oversight	Part 191.22	Notification of certain types of construction projects, modifications, pressure tests and daily crew locations	PURA Letter	None
13. More Direct Oversight	Part 192.305	Utilities required to create QA/QC programs for both construction and maintenance	PURA Orders	Docket Nos. 15-10-83, 15-11-01 and 19-07-14
14. Operating Pressure	Part 192.739	Monthly inspections of District regulator stations is required of operators	Regulations of Connecticut State Agencies, Title 16 Public Service Companies, Department of Public Utility Control, Subtitle Gas Companies Operating Within the State of Connecticut, Part III Quality Control, Construction and Operation of Plant, Section 16-11-40 (a)(3), Regulator Stations	Section 16-11-40(a)(3) Regulator stations
15. Damage Prevention	Part 192.614	Substantial additional damage prevention regulations	General Statutes of Connecticut, Title 16,	Sections 16-345 through 16-359 Excavation.





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Public Service Companies, Chapter 293 Excavation, Demolition Or Discharge Of Explosives, Sections 16-345 to 16.359	Demolition or Discharge of Explosives Sections 16-345-1 through 16-345-9 Excavation Near Underground Utility Facilities
16. Damage Prevention	Part 192.614	Warning tape required	Regulations of Connecticut State Agencies, Title 16, Department of Public Utilities Public Utilities Regulatory Authority Subtitle 16-345 Excavation Near Underground Utility Facilities, Section 16-345-3, Responsibilities of public utilities	Section 16-345-3(f) Responsibilities of public utilities
17. Damage Prevention	Part 192.614 Part 192.1007(e)	Monthly reporting of all third party damages and all violations of the underground damage prevention program	Regulations of Connecticut State Agencies, Title 16, Department of Public Utilities Public Utilities Regulatory Authority Subtitle 16-345 Excavation Near Underground Utility Facilities, Section 16-345-3, Responsibilities of public utilities	Sections 16-345-3(a)(3) and 16-345-3(a)(4) Excavation Near Underground Utility Facilities
18. Meter Location/ Protection	Part 192.353	Gas meters shall be installed as near as practicable to the building	Regulations of Connecticut State Agencies, Title 16 Public Service Companies, Department of Public Utility Control, Subtitle Gas Companies Operating Within the State of Connecticut, Part III Quality Control,	Section 16-11-22c Meter location





Connecticut

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Meters: Use, Location, Accuracy Tests, Section 16-11-22	
19. Meter Location/ Protection	Part 191.3	No master meter systems can be created without PURA Approval	PURA Order	Docket No. 06-09-01
20. Odorant	Part 192.625	Gas companies shall furnish monthly odorant reports to PURA	Regulations of Connecticut State Agencies, Title 16 Public Service Companies, Department of Public Utility Control, Subtitle Gas Companies Operating Within the State of Connecticut, Part III Quality Control, Equipment, Standards, Records and Reports, Section 16-11-17	Section 16-11-17 Gas Companies Operating Within the State of Connecticut
21. Response to Leaks	Part 192.615	Gas odor complaint response times of 30 minutes during normal work hours and 45 minutes at all other times, including monthly reporting of response times	PURA Orders	Docket Nos. 18-05-16, 17-05-42 and 18-05-10 (only most recent dockets shown)
22. Response to Leaks	Part 192.703	Maximum number of Class 2 leaks at the end of each calendar year	PURA Orders	Docket Nos. 18-05-16, 17-05-42 and 18-05-10 (only most recent dockets shown)
23. Replacement Programs	Part 192.487 Part 192.489 Part 192.755 Part 192.1007	Target expenditure levels for cast iron and bare steel replacement programs	PURA Orders	Docket Nos. 18-05-16, 17-05-42 and 18-05-10 (only most recent dockets shown)
24. Authority Beyond OPS (not rate)	Part 190.203 Part 190.233	Authority to order reasonable improvements, repairs or alterations in such plant or equipment, or such changes in the	General Statutes of Connecticut, Title 16 Public Service Companies, Public Utilities Regulatory Authority, Chapter	Section 16-11 Safety of public and employees. Powers





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		manner of operation, as may be reasonably necessary in the public interest	277 Department Of Energy And Environmental Protection. Public Utilities Regulatory Authority. Office Of Consumer Counsel. Miscellaneous Provisions, Section 16-11	
25. Authority Beyond OPS	None	GPSU participates in all rate cases	General Statutes of Connecticut, Title 16 Public Service Companies, Public Utilities Regulatory Authority, Chapter 277 Department Of Energy And Environmental Protection. Public Utilities Regulatory Authority. Office Of Consumer Counsel. Miscellaneous Provisions, Section 16-19	Section 16-19 Amendment of rate schedule; investigations and findings by authority; hearings
26. Authority Beyond OPS (not rate)	Part 190.221	Authority to assess civil penalties for failure to comply with any statute, regulation or department order (this is over and above our authority to assess civil penalties for failure to comply with the federal pipeline safety regulations)	General Statutes of Connecticut, Title 16 Public Service Companies, Public Utilities Regulatory Authority, Chapter 277 Department Of Energy And Environmental Protection. Public Utilities Regulatory Authority. Office Of Consumer Counsel. Miscellaneous Provisions, Section 16-41	Section 16-41 Imposition of civil penalties by the department
27. Authority Beyond OPS (not rate)	Part 190.213	Ability to terminate service due to hazardous condition	Regulations of Connecticut State Agencies, Title 16	Section 16-3-100(b)(1)





Connecticut

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		on customer piping (Red Tag Policy)	Public Service Companies, Department of Public Utility Control, Subtitle Termination of Electric, Gas, Water and Sewage Utility Service Section 16-3-100	Termination of Electric, Gas, Water, & Sewage Utility Service
28. Authority Beyond OPS (not rate)	Part 192.3	Gas companies are required to test customer piping for gas leaks at time of turn on	Regulations of Connecticut State Agencies, Title 16 Public Service Companies, Department of Public Utility Control, Subtitle Gas Companies Operating Within the State of Connecticut, Part III Quality Control, Customer Relations, Section 16-11-31	Section 16-11-31(b) Gas Companies operating within the State of CT
29. Authority Beyond OPS (not rate)	Part 192.53	A gas company shall refuse goods or services provided by an affiliate or other provider if the gas company determines that such goods or services are inferior, overpriced or would be detrimental to its ability to operate and maintain a safe gas system	Regulations of Connecticut State Agencies, Title 16 Public Service Companies, Department of Public Utility Control, Subtitle Gas Companies Operating Within the State of Connecticut, Part III Quality Control, Gas Company System Record Section 16-47	Section 16-47a-2(a)(2) Gas Code of Conduct
30. Design/Install Requirements	Part 192.721	All service pressure regulators installed on the customer's premises shall be maintained in proper working order and shall be periodically inspected in place, preferably at the time of removal of the meter for periodic	Regulations of Connecticut State Agencies, Title 16 Public Service Companies, Department of Public Utility Control, Subtitle Gas Companies Operating Within the State of Connecticut, Part III	Section 16-11-41(a)(3) Gas Companies Operating Within the State of Connecticut





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		testing. The inspection shall consist of external examination of the regulator, its piping, seal, vent line and operating condition	Quality Control, Construction and Operation of Plant, Section 16-11-41	
31. Design/Install Requirements	Part 192.51 Part 192.53 Part 192.55 Part 192.59	Use of materials other than steel must be approved by PURA and at pressures over 100 psi, only steel is allowed	Regulations of Connecticut State Agencies, Title 16 Public Service Companies, Department of Public Utility Control, Subtitle Gas Companies Operating Within the State of Connecticut, Part III Quality Control, Construction and Operation of Plant, Section 16-11-42	Section 16-11-42(b) Gas system construction and maintenance
32. Design/Install Requirements	Part 192.181(b)	District regulator station inlet shutoff valves must be located at certain distances from the station	Regulations of Connecticut State Agencies, Title 16 Public Service Companies, Department of Public Utility Control, Subtitle Gas Companies Operating Within the State of Connecticut, Part III Quality Control, Construction and Operation of Plant, Section 16-11-40	Section 16-11-40(d) Regulator stations
33. Design/Install Requirements	Part 192.197	Any customer's service being supplied through a customer service pressure regulator shall be protected by a suitable safety device to prevent the development of pressures in excess of	Regulations of Connecticut State Agencies, Title 16 Public Service Companies, Department of Public Utility Control, Subtitle Gas Companies Operating Within the State of Connecticut, Part III	Section 16-11-41(a)(1) Service





Connecticut

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		two pounds per square inch gauge	Quality Control, Construction and Operation of Plant, Section 16-11-41	
34. Design/Install Requirements	Part 192.325	A minimum of 12 inches of clearance is required at crossings of other utilities and no common trenches	Regulations of Connecticut State Agencies, Title 16 Public Service Companies, Department of Public Utility Control, Subtitle Gas Companies Operating Within the State of Connecticut, Part III Quality Control, Construction and Operation of Plant, Section 16-11-42	Section 16-11-42(i) Gas system construction and maintenance
35. Design/Install Requirements	Part 192.241 Part 192.327 Part 192.315 Part 192.181 Part 192.619 Part 192.507 Part 192.707 Part 192.723 Part 192.111 Part 192.727	Additional design, testing, construction, operations and maintenance requirements for extra high pressure lines	PURA Orders	Docket Nos. 97-10-35, 02-01-20, 04-04-11, 06-02-05, 07-08-25, 08-11-20, 10-06-28 and 17-11-12
36. Enhanced Record Keeping	Part 192.727	Utilities must maintain records of all abandoned underground facilities	Regulations of Connecticut State Agencies, Title 16, Department of Public Utilities Public Utilities Regulatory Authority Subtitle 16-345 Excavation Near Underground Utility Facilities, Section 16-345-3, Responsibilities of public utilities	Section 16-345-3(a)(8) Responsibilities of public utilities
37. State Inspection Program	Part 190.203	Ability to hire outside consultants, as necessary. Affected company required to pay for all of the expenses	General Statutes of Connecticut, Title 16 Public Service Companies, Public Utilities Regulatory Authority, Chapter 277 Department Of	Section 16-8 Examination of witnesses and documents. Hearing examiners. Management audits





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
				Energy And Environmental Protection. Public Utilities Regulatory Authority. Office Of Consumer Counsel. Miscellaneous Provisions, Section 16-8
38. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections

National Association of Pipeline Safety Representatives





Delaware

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Delaware

Key Stats

State Agency
Division
Department
Web
Regulated Intrastate Pipeline Systems
Regulated Master Meter Operators
Regulated LNG Systems
Regulated Hazardous Liquid Systems
Regulated LPG Operators
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199

Department of State
Public Service Commission
http://depsec.delaware.gov/naturalgas.shtml
3
14
1
0
15
5

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.5 Part 192.614	Provide notification as soon as practicable any facilities damage caused by excavation which results in damage to gas distribution lines, oil and petroleum products distribution and transmission lines, or dangerous, product lines or steam lines. https://depsec.delaware.gov/report-a-damage/	Delaware Administrative Code, Title 26 Public Utilities, CHAPTER 8. Underground Utility Damage Prevention and Safety	§ 803(10)
2. Response to Leaks	Part 192.723	Operators shall establish a Leak Classification and Action Criteria. Records must provide certain information and the steps taken in response to the leaks.	Delaware Administrative Code, Title 26 Public Utilities, Gas Regulations § 8001 Rules to Establish an Intrastate Gas Pipeline Safety Program	2.6 Regulations
3. Design/Install Requirements	Part 192.53	No cast iron pipe 4” and smaller shall be installed in any pipeline facilities after 10/1/09	Delaware Administrative Code, Title 26 Public Utilities, Gas Regulations § 8001	2.7 Regulations





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Rules to Establish an Intrastate Gas Pipeline Safety Program	
4. Enhanced Record Keeping	Part 192.723	Records of gas leak surveys shall be maintained for 7 years (minimum)	Delaware Administrative Code, Title 26 Public Utilities, Gas Regulations § 8001 Rules to Establish an Intrastate Gas Pipeline Safety Program	2.5 Regulations
5. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	State Program Procedures

National Association of Pipeline Safety Representatives





District of Columbia

Key Stats

State Agency	District of Columbia Public Service Commission
Division	Office of Deputy Executive Director for Regulatory Matters
Department	Office of Engineering and Pipeline Safety
Web	https://dcpssc.org/Utility-Information/Natural-Gas/Pipeline-Safety-and-Damage-Prevention.aspx
Regulated Intrastate Pipeline Systems	1
Regulated Master Meter Operators	0
Regulated LNG Systems	0
Regulated Hazardous Liquid Systems	0
Regulated LPG Operators	0
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	19

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.3	Requires Incident Reports at \$5K level	District of Columbia Municipal Regulations, Title 15 Public Utilities and Cable Television, Chapter 23, Natural Gas	2306.2 Incident Reports And Safety-Related Condition Reports
2. Enhanced Reporting	Part 191.3	Requires Incident Notification within one hour	District of Columbia Municipal Regulations, Title 15 Public Utilities and Cable Television, Chapter 23, Natural Gas	2306.6 Incident Reports And Safety-Related Condition Reports
3. Enhanced Reporting	Part 192.603	Requires Annual filing of O&M Plans with Commission	District of Columbia Municipal Regulations, Title 15 Public Utilities and Cable Television, Chapter 23, Natural Gas	2307.1 Operation And Maintenance Plans
4. Enhanced Reporting	Part 192.615	Requires providing contact list for emergencies with Commission	District of Columbia Municipal Regulations, Title 15 Public Utilities and Cable Television, Chapter 23, Natural Gas	2308.1 Emergency Plans





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
5. Enhanced Reporting	Part 190.209 Part 191.7	A gas corporation or small gas operator shall respond within fifteen (15) business days after receipt of a specific information request relating to a possible complaint, probable violation of gas safety regulation or gas incident report	District of Columbia Municipal Regulations, Title 15 Public Utilities and Cable Television, Chapter 23, Natural Gas	2310.8 Investigations, Inspections, Specific Information Requests, And Warning Letters
6. More Direct Oversight	Part 192.605	Each gas corporation or small gas operator shall maintain at each job site all documentation of plastic pipe joining permits, all Operator Qualifications, up-to-date manuals and copies of procedures required to do the work	District of Columbia Municipal Regulations, Title 15 Public Utilities and Cable Television, Chapter 23, Natural Gas	2305.2 Pipeline Location
7. More Direct Oversight	Part 192.305	Each gas corporation or small gas operator shall provide adequate supervision for its construction crews	District of Columbia Municipal Regulations, Title 15 Public Utilities and Cable Television, Chapter 23, Natural Gas	2305.2 Pipeline Location
8. Operating Pressure	Part 192.359	Tinned steel case meters shall be subjected to an internal pressure of at least two pounds (2 lb.) per square inch gauge (psig) when testing for leaks. Iron or aluminum case meters shall be tested at a pressure at least fifty percent (50%) above operating pressure	District of Columbia Municipal Regulations, Title 15 Public Utilities and Cable Television, Chapter 23, Natural Gas	2362.2 2362.3 Leak Tests
9. Operating Pressure	Part 192.201	The gas supplied by any gas corporation shall be maintained at a pressure of not less than six inches (6 in.) or more than ten inches (10 in.) of water pressure. The daily	District of Columbia Municipal Regulations, Title 15 Public Utilities and Cable Television, Chapter 23, Natural Gas	2377.1 2377.2 Pressure Of Gas Supplied To Consumers





District of Columbia

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		variation in the low pressure network system, during any day at any gauge station, shall not exceed two and one-half inches (2 1/2 in.) of water pressure		
10. Damage Prevention	Part 192.614	When the open trenching method of pipeline construction is used, suitable identification tape shall be installed at a minimum of twelve inches (12 in.) above the top of the pipe and at least six inches (6 in.) below the final grade after completion of installation	District of Columbia Municipal Regulations, Title 15 Public Utilities and Cable Television, Chapter 23, Natural Gas	2305.2 Pipeline Location
11. Leak Tests	Part 192.723	Place of public assembly must be leak surveyed annually using Hydrogen Flame Ionization (HFI) or Combustible Gas Indicator (CGI) or other comparable methods	District of Columbia Municipal Regulations, Title 15 Public Utilities and Cable Television, Chapter 23, Natural Gas	2305.1 Safety
12. Leak Tests	Part 192.723	Entire distribution system must be leak surveyed not less than once every three (3) years	District of Columbia Municipal Regulations, Title 15 Public Utilities and Cable Television, Chapter 23, Natural Gas	2305.1 Safety
13. Leak Tests	Part 192.723	Leakage tests by HFI or by CGI and bar hole or other comparable approved method shall be conducted within the immediate area of each new, repaired or replaced gas line after backfilling and after a reasonable period of gas pressurizing when the line is being placed into service	District of Columbia Municipal Regulations, Title 15 Public Utilities and Cable Television, Chapter 23, Natural Gas	2305.1 Safety





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
14. Authority Beyond OPS	Part 190.203	In the event of an emergency or safety hazard, the Commission shall take either of the following actions: Order service to the small gas operator interrupted; or Order the hazard remedied at the operator's expense	District of Columbia Municipal Regulations, Title 15 Public Utilities and Cable Television, Chapter 23, Natural Gas	2320.2 Small Gas Operator
15. Extending LDC Responsibility	Part 192.616	A gas corporation shall provide notice to each customer at least twice annually, informing the customer of the hazards of leaking gas and instructing the customer in the procedures to be followed in reporting gas leaks. A sample odor indicator shall be included in the twice annual notice	District of Columbia Municipal Regulations, Title 15 Public Utilities and Cable Television, Chapter 23, Natural Gas	2304.1 Public Awareness
16. Cathodic Protection	Part 192.483	Whenever a steel pipe or tubing is used in the attachment of a service line to a cast iron main, it shall be protected against external corrosion using an anode and test station, except in the case of a malleable fittings on a fitting when use of an anode only is sufficient	District of Columbia Municipal Regulations, Title 15 Public Utilities and Cable Television, Chapter 23, Natural Gas	2305.1 Safety
17. Enhanced Record Keeping	Part 192.491	Leak Survey Records must be kept for life of the pipeline including location and date of leaks detected, severity of each leak; action taken to repair leaks	District of Columbia Municipal Regulations, Title 15 Public Utilities and Cable Television, Chapter 23, Natural Gas	2305.1 Safety
18. Inactive Services	Part 192.727	When any meter is inactive, whether installed in service or not, for a period of two (2) years or longer, it shall be tested, and	District of Columbia Municipal Regulations, Title 15 Public Utilities and Cable Television, Chapter 23, Natural Gas	2351 General Gas Metering Provisions





District of Columbia

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		adjusted if necessary, before being placed in service again		
19. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections
<i>National Association of Pipeline Safety Representatives</i>				





Florida

Key Stats	
State Agency	Public Service Commission
Division	Division of Engineering - Bureau of Safety
Department	Safety and Reliability
Web	http://www.floridapsc.com/ElectricNaturalGas/Index
Regulated Intrastate Pipeline Systems	103
Regulated Master Meter Operators	4
Regulated LNG Systems	0
Regulated LPG Operators	0
Regulated Hazardous Liquid Systems	0
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	48

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.22	Written Notice shall be given to the Commission at least 15 days prior to the start of all major construction or alteration of pipeline facilities, stating the size, approximate location and contemplated time of construction. Notice is required when the pipeline involved is both at least 2 inches in diameter as well as 2,000 feet or more in length	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.082 Construction Notice
2. Enhanced Reporting	Part 191.3	Incidents reported at \$10K threshold for property damage	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.084 (1) Notice of Accidents and Outages
3. Enhanced Reporting	Part 191.3	Requires reporting of service interruptions	Natural Gas Safety Rules of the Florida	25-12.084 (3)





Florida

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		of either 10 percent or more of its meters or 500 or more metersi	Public Service Commission, Chapter 25-12	Notice of Accidents and Outages
4. Enhanced Reporting	Part 192.605	Requirement write and follow construction specifications for new construction, reconstruction or conversions	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.008 (1) New, Reconstructed or Converted Facilities 25-12.020 (1) Construction Specifications and Inspections
5. More Direct Oversight	Part 192.14	Conversion procedure required from non regulated to regulated	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.008 (2) New, Reconstructed or Converted Facilities
6. More Direct Oversight	Part 192.305	Contractor may not inspect own construction and installation of pipeline	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.030 (2) Construction Inspection
7. Valves	Part 192.181	Sets valve criteria for size of area, volume, pressure, population factors	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.022 (2) Requirements for Distribution System Valves
8. Valves	Part 192.179	Blowdown Valve requirements apply to mains not just transmission pipeline	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.022 (4) Requirements for Distribution System Valves
9. Valves	Part 192.747	Accessibility is required of all Distribution line valves	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.022 (5) Requirements for Distribution System Valves
10. Valves	Part 192.379	A valve on the service line must be either locked in the closed position or the service line plugged to prevent the flow of gas when the gas is interrupted intentionally or unintentionally	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.044 Interruption of Gas Service





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
11. Pressure Testing	Part 191.3	Requires Uprating Procedure to be approved 15 days prior to notice	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.083 Requalifying Maximum Allowable Operating Pressure
12. Operator Qualification	Part 192.801	Qualified Inspectors required for New Construction	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.020 (2) and (3) Construction Specifications and Inspections
13. Meter Location/Protection	Part 191.3	Master Meters not allowed after Jan 1 1987	Gas Service by Gas Public Utilities Rules of the Florida Public Service Commission, Chapter 25-7.071	25-7.071 Measuring Customer Service
14. Odorant	Part 192.625	Any operator who receives gas directly from a transmission supplier and distributes gas in any system that serves more than 25 customers must odorize all gas transported	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.055 Odorization of Gas
15. Odorant	Part 192.625	Odorant shall be sampled 12 times per year at intervals less than 45 days	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.055 Odorization of Gas
16. Leak Tests	Part 192.615	A device capable of detecting the presence of gas shall be used to test the area of the reported leak to determine if a leak actually exists	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.042 Investigation of Gas Leak Reports
17. Response to Leak	Part 192.723	Leak Classification system Requirements and Repair Times specified	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.040 Leak Surveys, Procedures and Classification
18. Response to Leak	Part 192.615	Requires 24/7 Dispatch for Emergencies	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.041 Receiving of Gas Leak and Emergency Reports





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
19. Authority Beyond OPS	Part 190.203	Operator has fifteen days to respond in writing to Staff inquiries	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.0861 Response to Commission Staff Inquiries
20. Authority Beyond OPS	Part 192.3	Customer Gas Piping must be tested prior to operator providing gas service	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.043 Gas Service
21. External/Internal Corrosion	Part 192.463	Each operator must take remedial action within three (3) months to correct or make substantial progress toward correction of any deficiencies indicated by monitoring	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.052 (6) Criteria for Cathodic Protection of Buried or Submerged Steel, Cast Iron, and Ductile Iron Pipeline
22. Cathodic Protection	Part 192.463	Appendix D – Cannot use E-log-I curve as method for criteria	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.052 (1) Criteria for Cathodic Protection of Buried or Submerged Steel, Cast Iron, and Ductile Iron Pipeline
23. Cathodic Protection	Part 192.463	Appendix D I-A(1) shall be the only criterion acceptable for determination of the degree of cathodic protection of externally coated buried or coated submerged pipelines installed after June 1, 1975	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.052 (2) Criteria for Cathodic Protection of Buried or Submerged Steel, Cast Iron, and Ductile Iron Pipeline
24. Cathodic Protection	Part 192.463	Appendix D – Application of Criterion I-A(2) shall be dependent upon the establishment of initial or unprotected pipe/soil potentials	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.052 (3) Criteria for Cathodic Protection of Buried or Submerged Steel, Cast Iron, and Ductile Iron Pipeline





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
25. Cathodic Protection	Part 192.463	Appendix D – Application of Criterion I-A(5) is restricted to bare and essentially bare ineffectively coated metallic gas pipelines installed prior to July 31, 1971	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.052 (4) Criteria for Cathodic Protection of Buried or Submerged Steel, Cast Iron, and Ductile Iron Pipeline
26. Cathodic Protection	Part 192.463	If gas leakage results from active corrosion of a pipeline, remedial action shall include application of cathodic protection to meet one of the criteria of this rule, as described in subsection (1), unless the pipeline is replaced with non-metallic pipe. Cathodic protection for these remedial applications must be tested at least once every calendar year, but with intervals not exceeding 15 months, to determine whether the cathodic protection meets the requirements of this rule.	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.052 (5) Criteria for Cathodic Protection of Buried or Submerged Steel, Cast Iron, and Ductile Iron Pipeline
27. Cathodic Protection	Part 192.465	The electrical survey requirement as referred to in Subpart I, Part 192, Title 49, CFR and these rules are intended to utilize the following surveys: (a) Pipe/Soil potential survey. (b) Soil resistivity survey.	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.053 (1) Cathodic Protection – Electrical Survey
28. Cathodic Protection	Part 192.465	2)(a) A combination of the two surveys in	Natural Gas Safety Rules of the Florida	25-12.053 (2)





Florida

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
29. Cathodic Protection	Part 192.465	(1) above is required on the initial electrical survey When areas of active corrosion have been established and the operator does not have adequate knowledge of electric current requirements for the system, then current requirement tests shall be made to determine the degree of protective current required for cathodic protection	Public Service Commission, Chapter 25-12 Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	Cathodic Protection – Electrical Survey 25-12.053 (3) Cathodic Protection – Electrical Survey
30. Cathodic Protection	Part 192.465	An electrical survey of an underground pipeline system may be considered impractical when obstructions such as concrete, asphalt, or other surface structures, lie in a position directly above the pipeline	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.053 (4) Cathodic Protection – Electrical Survey
31. Cathodic Protection	Part 192.465	The placement of the reference half-cell in the immediate vicinity of galvanic anodes shall not be acceptable for electrical measurement used to determine the adequacy of cathodic protection	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.054 Cathodic Protection – Location of Reference Half-Cell
32. Design/Install Requirement	Part 192.281	Thermoset Plastics require protection from external damage	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.021 (2) Use of Plastic Pipe
33. Design/Install Requirement	Part 192.181	Upstream Valve must be 500 feet or less at a district regulator station	Natural Gas Safety Rules of the Florida Public Service	25-12.022 (1) Requirements for Distribution System Valves





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Commission, Chapter 25-12	
34. Design/Install Requirements	Part 192.361(f)	No portion of an operator’s gas pipeline shall be installed under a portion of building, nor a building over a gas pipeline	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.024 Prohibition of Pipelines Under Buildings
35. Design/Install Requirements	Part 192.227	Welders must use API 1104 (not ASME)	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.027 (1) Welder Qualification
36. Design/Install Requirements	Part 192.323	Casings limited on metallic pipelines	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.029 Limiting Use of Pipeline Casings.
37. Design/Install Requirements	Part 192.243	NDT or DT required at 2 locations every 5000 feet and segments greater than 2 inch diameter	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.030 (3) Construction Inspection
38. Design/Install Requirement	Part 192.357	Gas service line valves at multi-service installations shall be plainly marked by a metal tag or other permanent means designating the building or part of the building being served	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.050 Facility Identification
39. Design/Install Requirement	Part 192.707	Each customer meter, gas regulating station, or any aboveground gas transporting facility shall be permanently marked to identify the operator’s name and phone number	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.050 Facility Identification
40. Enhanced Record Keeping	Part 192.243(f)	Maintain Welding Records for the life of the pipeline for	Natural Gas Safety Rules of the Florida Public Service	25-12.030 (4) Construction Inspection





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
41. Enhanced Record Keeping	Part 192.615	welder name, inspector name All Critical Valves must be identified on Maps and Records as well as tagged in field	Commission, Chapter 25-12 Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.022 (3) Requirements for Distribution System Valves
42. Enhanced Record Keeping	Part 190.203	All records must be kept within the State of Florida	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.060 (2) General Records
43. Enhanced Record Keeping	Part 192.517	Lifetime record retention for strength testing	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.060 (3a) General Records
44. Enhanced Record Keeping	Part 192.723 Part 192.479 Part 192.491 Part 192.625 Part 192.739 Part 192.747	At least 2 cycles of intervals required for inspections or surveys for record retention	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.060 (3b) General Records
45. Enhanced Record Keeping	Part 192.605	System maps of each local operating area shall be prepared and on file in the operating company's respective local office. Such maps and related records shall readily identify the location and size of all system facilities and other information pertinent to the safe design of the system. These records shall be kept up to date	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.061 System Maps.
46. Enhanced Record Keeping	Part 192.723	Records of gas leaks on the operator's system shall show as a minimum: (1) Address of suspected leak. (2) Date and time leak reported.	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.062 Leak Reports





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		(3) Description of leak reported. (4) Date and time operator personnel dispatched. (5) Date and time operator personnel arrived. (6) Date and time condition made safe. (7) Location of leak found. (8) Cause of leak		
47. Inactive Services	Part 192.727	Inactive services must be retired after specified time frame	Natural Gas Safety Rules of the Florida Public Service Commission, Chapter 25-12	25-12.045 Inactive Gas Service Lines
48. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections

National Association of Pipeline Safety Representatives





Georgia

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Georgia

Key Stats

State Agency	Georgia Public Service Commission
Division	Facility Protection Unit
Department	Pipeline Safety Division
Web	http://www.psc.state.ga.us/facilitiesprotect/fp_pipesafe/fp_pipesafe.asp
Regulated Intrastate Pipeline Systems	96(based on 85municipals/2 private/9 transmission)
Regulated Master Meter Operators	112
Regulated LNG Systems	1 operator (3 plants)
Regulated Hazardous Liquid Systems	0
Regulated LPG Operators	7
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	13

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.3 Part 191.9	Requires concurrent telephonic notification to Pipeline Safety Staff when notifying the NRC	Rules of the Georgia Public Service Commission, Chapter 515-9 Safe Installation and Operation of Natural Gas Transmission and Distribution Systems: Sub Chapter 1: Safe Installation And Operation Of Natural Gas Transmission And Distribution Systems	515-9-1-.06 Incident Notification
2. Enhanced Reporting	Part 191.3 Part 191.9	In addition to reporting to federal government, requires a written report to be filed with the Pipeline Safety Office within 30 days following a reportable incident	Rules of the Georgia Public Service Commission, Chapter 515-9 Safe Installation and Operation of Natural Gas Transmission and Distribution Systems: Sub Chapter 1: Safe Installation And Operation Of Natural	515-9-1-.06 Incident Notification





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
3. Enhanced Reporting	Part 192.305	Requires reporting of (A) any transmission or distribution gas main line or (B) any gas service line where the actual, planned or proposed replacement, relocation, construction, expansion or extension of such service line would be within 2,000 feet of the gas main or service lines of another gas operator 10 days prior to the beginning of construction	Gas Transmission And Distribution Systems Rules of the Georgia Public Service Commission, Chapter 515-9-1, Safe Installation and Operation of Natural Gas Transmission and Distribution Systems , Sub-Chapter 515-9-1-.04 Notification of Proposed Construction.	515-9-1-.04 Notification of Proposed Construction
4. More Direct Oversight	Part 191.3 Part 191.9	Requires Operators to evaluate their respective natural gas systems and provide written guidance for their personnel in the Operator’s Operations & Maintenance and/or Emergency Procedural Manuals as to what constitutes a “significant event” for their natural gas system which would require telephonic notification	Rules of the Georgia Public Service Commission, Chapter 515-9 Safe Installation and Operation of Natural Gas Transmission and Distribution Systems: Sub Chapter 1: Safe Installation And Operation Of Natural Gas Transmission And Distribution Systems	515-9-1-.06 Incident Notification
5. Response to Leaks	Part 192.703(c)	Establishes criteria for the grading of leaks, the actions required by each grade, and the time frame for repair	Rules of the Georgia Public Service Commission, Chapter 515-9 Safe Installation and Operation of Natural Gas Transmission and Distribution Systems Sub Chapter 1: Safe Installation And Operation Of Natural Gas Transmission And Distribution Systems	515-9-1-.05 Leak Standards





Georgia

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
6. Replacement Program	Part 192.489	Requires Cast Iron/BS mains and services Accelerated Replacement Program with Rate Adder	Georgia Public Service Commission Order July 1998, Docket No 8516-U	Georgia Public Service Commission Order July 1998, Docket No 8516-U
7. Damage Prevention	Part 192.614(b)	Requires that all Owners and/or Operators of a buried utility facility in Georgia shall be a member of the State-wide Utilities Protection Center. [Pipeline Operators do not have the option of having a written plan and being part of a different state one call center or inhouse call center] Also Requires that all Owners and/or Operators of a buried utility facility in Georgia shall comply in all respects of the Georgia Utility Facility Protection Act	Rules of the Georgia Public Service Commission, Chapter 515-9 Safe Installation and Operation of Natural Gas Transmission and Distribution Systems: Sub Chapter 3: Enforcement Procedures Governing Gas Pipeline Safety Official Code of Georgia Annotated (O.C.G.A).Title 25 – Fire Protection and Safety, Chapter 9 Blasting or Excavation near Utility Facilities	515-9-3-.14 Utilities Protection Center 515-9-3-.15 Damage Prevention § 25-9-5. Cooperation with UPC; permanent markers for water and sewer facilities; point of contact list
8. Damage Prevention	Part 192.614(b)	Establishes standards for the marking and designation of buried facilities and the requirements for “white lining” proposed excavations	Rules of the Georgia Public Service Commission, Chapter 515-9 Safe Installation and Operation of Natural Gas Transmission and Distribution Systems: Sub Chapter 3 Enforcement Procedures Governing Gas Pipeline Safety	515-9-3-.14 Utilities Protection Center
9. Damage Prevention	Part 192.614 Part 192.617	Specifies that reasonable care shall also include but not be limited to compliance with the Common Ground Alliance Best Practices as well as the	Rules of the Georgia Public Service Commission, Chapter 515-9 Safe Installation and Operation of Natural Gas	515-9-6-.01 Requirement to Use Reasonable Care and Commission Recognized Best Practices





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		accurate location and marking of facilities in accordance with O.C.G.A. § 25-9-9(a) and the American Public Works Association (“APWA”) color code in place at the time the location of the utility facility is designated. (O.C.G.A. § 25-9-7(a)(2)) / Specifies that “Evidence of the implementation and utilization of the Common Ground Alliance Best Practices by a facility owner and/or operator or a locator or an excavator at a hearing as prescribed by O.C.G.A. § 25-9-13(h)(7) shall be considered in the Commission’s analysis of reasonable care.” During the investigation of failures	Transmission and Distribution Systems: Sub Chapter 6: Commission Recognized Best Practices	
10. Training/Quals (not including OQ)	Part 192.615(a)	Requires that each and every entity under the jurisdiction of the Commission establish procedures that its employees and agents shall follow in the event that a utility facility is damaged when blasting or excavating activities are performed.	Rules of the Georgia Public Service Commission, Chapter 515-9 Safe Installation and Operation of Natural Gas Transmission and Distribution Systems: Sub Chapter 5: Procedures Required Under The Georgia Utility Facility Protection Act	515-9-5-.01 Emergency Procedures
11. Authority Beyond OPS	Part 192.614 Part 192.616	This rule establishes the requirements for marketers and poolers of deregulated gas	Rules of the Georgia Public Service Commission, Chapter 515-9 Safe Installation	515-9-8-.01 Purpose

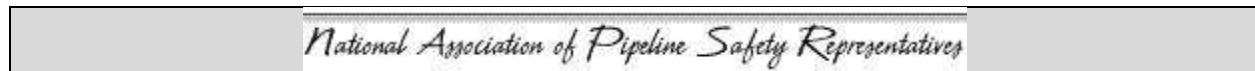




Georgia

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		operators to assist in the distribution of Public Awareness materials required to customers by the code	and Operation of Natural Gas Transmission and Distribution Systems: Sub Chapter 8: Natural Gas Pipeline Safety And Public Awareness Program	
12. Extending LDC Responsibility	Part 192.615(c)	Requires that in counties where there is more than one operator, that they conduct their requirements under 192.615 jointly	Rules of the Georgia Public Service Commission, Chapter 515-9 Safe Installation and Operation of Natural Gas Transmission and Distribution Systems: Sub Chapter 7: Gas Safety In Georgia Counties	515-9-7-.02 Minimum Procedures for Handling Areas of Natural Gas Emergencies Occurring on the Facilities of Another Operator.
13. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections





Hawaii

Key Stats	
State Agency	
Division	
Department	
Web	
Regulated Intrastate Pipeline Systems	
Regulated Master Meter Operators	
Regulated LNG Systems	
Regulated Hazardous Liquid Systems	
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	

Applicable Requirement in CFR

Hawaii has no state program. PHMSA- (Office of Pipeline Safety) retains federal oversight of all pipelines.





Idaho

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Idaho

Key Stats

State Agency	Idaho Public Utilities Commission
Division	Administration
Department	Pipeline Safety
Web	https://puc.idaho.gov/Page/Utility/8
Regulated Intrastate Pipeline Systems	5 (3 Intrastate Natural Gas Distribution Operators, 2 with Intrastate Transmission Lines)
Regulated Master Meter Operators	0
Regulated LNG Systems	1
Regulated Hazardous Liquid Systems	0
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	5

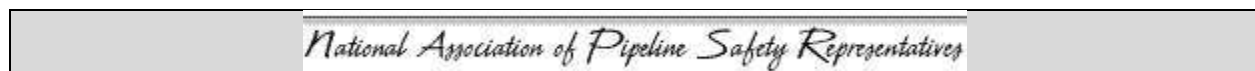
Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Extending LDC Responsibility	Part 192.357	The gas company shall inspect the customer’s installation before the connection of a meter to ascertain the installation conforms to the provisions of the NFPA Fuel Gas Code (NFPA 54) and Uniform Mechanical Code as adopted by the Commission. If the installation on the customer’s premises does not meet these requirements, the Company shall refuse to connect the meter and shall advise the customer in writing the reasons for such refusal	Idaho Administrative Code for Public Utilities Commission (Agency 31) IDAPA 31.31.01 Gas Service Rules Rule – Construction, Operation and Maintenance of Facilities for Transmission and Distribution of Gas	Rule 102 Inspection of Customers Facilities
2. Enhanced Record Keeping	Part 192.605	Requires Maps, plans and records to contain size, character, location, drip, street	Idaho Administrative Code for Public Utilities Commission (Agency 31) IDAPA	Rule 101.01 Maps of Facilities





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		valve, district regulator & service connection served to be kept at the principal office and divisional offices within district	31.31.01 Gas Service Rules-Construction, Operation and Maintenance of Facilities for Transmission and Distribution of Gas	
3. Enhanced Record Keeping	Part 192.605	Each division or district office shall have available information about the distribution system that will enable the local representatives at all times to furnish necessary information regarding rendering of service to existing and prospective customers	Idaho Administrative Code for Public Utilities Commission (Agency 31) IDAPA 31.31.01 Gas Service Rules-Construction, Operation and Maintenance of Facilities for Transmission and Distribution of Gas	Rule 101.02 Maps of Facilities
4. Enhanced Record Keeping	Part 192.605	Each gas manufacturing or mixing plant, compressor station and storage facility shall be provided with an accurate ground plan drawn to a suitable scale, showing the entire layout of the plant or station, the location, size, and character of plant, equipment, major pipelines, connections, valves, and other facilities used for the production and delivery of gas, all properly identified	Idaho Administrative Code for Public Utilities Commission (Agency 31) IDAPA 31.31.01 Gas Service Rules-Construction, Operation and Maintenance of Facilities for Transmission and Distribution of Gas	Rule 101.03 Maps of Facilities
5. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections





Illinois

Key Stats	
State Agency	Illinois Commerce Commission
Division	Safety and Reliability
Department	Pipeline Safety Program
Web	http://www.icc.illinois.gov/pipelinesafety/
Regulated Intrastate Pipeline Systems	110
Regulated Master Meter operators	8
Regulated LNG Systems	1
Regulated Hazardous Liquid Systems	0
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	17

Applicable Requirement in CFR

Category	Federal Regulation Part/Subpart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 190.203	Requires the operator to either file or make available electronically, plans, procedures and programs.	Title 83: Public Utilities ,Chapter I: Illinois Commerce Commission, Subchapter D: Gas Utilities, Part 590 Minimum Safety Standards For Transportation Of Gas And For Gas Pipeline Facilities, Section 590.30 Submission Of Plans, Procedures And Programs	Section 590.30 Submission of Plans, Procedures and Programs
2. Enhanced Reporting	Part 191.3	Commission must be notified if 50 or more customers will be interrupted of service for a period of 12 hours or more.	Title 83: Public Utilities, Chapter I: Illinois Commerce Commission Subchapter D: Gas Utilities, Part 501 Standards of Service for Gas Utilities Subpart D: Gas Service Standards	Section 501.520 Interruptions of Service
3. Enhanced Reporting	Part 191.11 Part 191.12	Each person who engages in the	Title 83: Public Utilities	Section 590.20 Submission of the





Category	Federal Regulation Part/Subpart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
	Part 191.13 Part 191.17 Part 191.25 Part 191.29	transportation of gas or who owns or operates pipeline facilities shall file with the Commission any report filed with the federal Pipeline and Hazardous Materials Safety Administration pursuant to 49 CFR 191.11, 191.12, 191.13, 191.17, 191.25 and 191.29, except that reports otherwise required to be filed with the Commission under this Section that pertain only to the downhole portion of an "underground natural gas storage facility", as that term is defined in 49 CFR 192.3 as of July 1, 2018, need not be filed with the Commission	Chapter I: Illinois Commerce Commission Subchapter D: Gas Utilities Part 590 Minimum Safety Standards For Transportation Of Gas And For Gas Pipeline Facilities Section 590.20 Submission Of Federal Reports To The Commission	Federal Reports to the Commission
4. Enhanced Reporting	Part 191.9 Part 191.15	A report of each accident or incident shall be filed with the Commission not later than thirty (30) days after such accident or incident occurred. The report shall be made on Form Ill. C. C. (P.U. 7) Accident or Incident Report, or the appropriate U.S. Department of Transportation Incident Report Form, RSPA F7100.1 (3-84) for Gas Distribution Systems, or RSPA F7100.2 (3-84) for Gas Transmission and Gathering Systems. If the accident	Title 83: Public Utilities , Chapter I: Illinois Commerce Commission , Subchapter D: Gas Utilities ,Part 595 Reports Of Accidents Or Incidents By Persons Engaged in the Transportation Of Gas, Or Who Own Or Operate Gas Pipeline Facilities	Section 595.120 Reporting of Accidents or Incidents





Illinois

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Category	Federal Regulation Part/Subpart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		investigation is incomplete after the expiration of the thirty (30) day period, an additional report will be filed upon its completion, or every ninety (90) days until the investigation is completed.		
5. Enhanced Reporting	Part 191.5	The Commission shall be notified of all such accidents or incidents as soon as possible, consistent with the public welfare and safety. Such notification shall include the location and time of the accident or incident, a brief description of what occurred, the individual in charge of the repair operation, and the individual to be contacted by the Commission should the Commission request additional information	Title 83: Public Utilities, Chapter I: Illinois Commerce Commission Subchapter D: Gas Utilities, Part 595 Reports Of Accidents Or Incidents By Persons Engaged in the Transportation of Gas, or Who Own or Operate Gas Pipeline Facilities	Section 595.130 Immediate Reports
6. Operating Pressure	Part 192.623	The pressure of gas supplied as measured at the outlet of any customer's meter, shall not be less than four inches nor more than 12 inches of water pressure except where greater pressure is specified and provided for in the contract between the utility and the customer	Title 83: Public Utilities Chapter I: Illinois Commerce Commission Subchapter D: Gas Utilities Part 501 Standards of Service for Gas Utilities	Section 501.500 Pressure Regulation
7. Operating Pressure	Part 192.741	Each utility shall make pressure surveys, conduct hydraulic	Title 83: Public Utilities Chapter I: Illinois Commerce	Section 501.510 Pressure Surveys





Category	Federal Regulation Part/Subpart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		modeling, or both at such intervals and of such comprehensiveness as may be necessary to keep itself fully informed that its system provides sufficient pressure to ensure reliable service to its customers and keep itself fully informed that its system provides sufficient pressure to ensure reliable service to its customers.	Commission Subchapter D: Gas Utilities Part 501 Standards of Service for Gas Utilities	
8. Training/Qualifications	Part 192.801	Requires each natural gas system operator to develop training procedures which will assure that its field employees engaged in construction, operation, inspection and maintenance of the gas system are properly trained.	Title 83: Public Utilities , Chapter I: Illinois Commerce Commission Subchapter D: Gas Utilities, Part 520 Training Programs for Natural Gas Operating Personnel	Section 520.10 Training Procedures
9. Meter Location/Protection	Part 192.353 Part 192.355	Meters shall be located on the customer’s premises as near as practical to the point of entrance of gas service into customer’s building or utilization area and protected from corrosion or other damage.	Title 83: Public Utilities, Chapter I: Illinois Commerce Commission Subchapter D: Gas Utilities, Part 501 Standards of Service for Gas Utilities	Section 501.110 (a) Location and Installation of Meters
10. Meter Location/Protection	Part 192.353 Part 192.355	Meters shall not be installed indoors unless outdoor installation is not possible or financially infeasible. An indoor meter shall not be installed in sleeping rooms, small	Title 83: Public Utilities, Chapter I: Illinois Commerce Commission Subchapter D: Gas Utilities, Part 501 Standards of Service for Gas Utilities	Section 501.110 (b) Location and Installation of Meters





Illinois

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Category	Federal Regulation Part/Subpart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		unventilated areas or in locations where the installation, reading and removal of the meter may prove difficult or hazardous. An indoor meter shall not be installed within three feet of any ignition source or source of heat that may damage the meter.		
11. Meter Location/ Protection	Part 192.353 Part 192.355	Meters shall not be installed in front of a residential dwelling except with the consent of the service applicant or if no other practical external location is available.	Title 83: Public Utilities, Chapter I: Illinois Commerce Commission Subchapter D: Gas Utilities, Part 501 Standards of Service for Gas Utilities	Section 501.110 (c) Location and Installation of Meters
12. Meter Location/ Protection	Part 192.353 Part 192.355	If it is not practical for a utility to locate a meter installation in a place free of vehicular traffic hazards, the utility shall install meter protection such as guard posts or rails to protect the meter installation from damage.	Title 83: Public Utilities, Chapter I: Illinois Commerce Commission Subchapter D: Gas Utilities, Part 501 Standards of Service for Gas Utilities	Section 501.110 (e) Location and Installation of Meters
13. Leak Tests	Part 192.357	A utility may refuse to install a meter or to serve a service applicant if, in the utility's judgment, the metering installation is hazardous or the service applicant's installation of piping or gas burning equipment is hazardous or of such character that the utility cannot provide service in a manner	Title 83: Public Utilities Chapter I: Illinois Commerce Commission Subchapter D: Gas Utilities Part 501 Standards of Service for Gas Utilities	Section 501.110 f) Location and Installation of Meters





Category	Federal Regulation Part/Subpart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
14. Extended LDC Responsibility	Part 192.361 Part 192.371 Part 192.375 Part 192.723 Part 192.614 Part 192.451	<p>consistent with the requirements</p> <p>“Pipeline facilities” also includes new and existing pipes and lines and any other equipment, facility, or structure, except customer-owned branch lines connected to the primary fuel lines, used to convey gas from a gas main to the outside wall of residential premises, and any person who provides gas service directly to its residential customer through these facilities shall be deemed to operate such pipeline facilities for purposes of this Act irrespective of the ownership of the facilities or the location of the facilities with respect to the meter, except that a person who provides gas service to a “master meter system”, as that term is defined at 49 C.F.R. Section 191.3, shall not be deemed to operate any facilities downstream of the master meter.</p>	<p>Illinois Compiled Statutes, Chapter 220 Utilities, Subchapter 20 Illinois Gas Pipeline Safety Act Section 2 (220 ILCS 20/2.04)</p>	<p>220 ILCS 20/2.04 Pipeline Facilities</p>
15. Extended LDC Responsibility	Part 192.3	<p>“Transportation of gas” also includes the conveyance of gas from a gas main through the primary fuel line to the outside wall of residential premises. If the gas meter is placed within</p>	<p>Illinois Compiled Statutes, Chapter 220 Utilities, Subchapter 20 Illinois Gas Pipeline Safety Act, Section 2 (220 ILCS 20/2.03)</p>	<p>(220 ILCS 20/2.03) Transportation of Gas</p>





Illinois

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Category	Federal Regulation Part/Subpart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
16. Enhanced Record Keeping	Part 192.603(b)	3 feet of the structure, the utility's responsibility shall end at the outlet side of the meter. The public utility shall provide reasonable protection for records subject to this Part from damage by fires, floods and other hazards; and, in the selection of storage spaces, safeguard the records from unnecessary exposure to deterioration from excessive humidity, dryness or lack of proper ventilation.	Title 83: Public Utilities Chapter I: Illinois Commerce Commission Subchapter D: Gas Utilities Part 510 The Preservation Of Records Of Gas Utilities	Section 510.30 Protection and Storage of Records
17. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections

National Association of Pipeline Safety Representatives





Indiana

Key Stats	
State Agency	Indiana Utility Regulatory Commission
Division	Pipeline Safety Division
Department	
Web	http://www.in.gov/iurc/2335.htm
Regulated Intrastate Pipeline Systems	48 operators, 111 inspection units
Regulated Master Meter Operators	42 operators, 90 inspection units
Regulated LNG Systems	4 separate plants owned by 2 operators
Regulated Hazardous Liquid Systems	1
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	22

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.25	Safety Related Condition Reports required to be sent to the Pipeline Safety Division	Indiana Administrative Code Title 170 Indiana Utility Regulatory Commission , Article 5 Gas Utilities, Rule 3 Minimum Safety Standards for the Transportation of Gas, Hazardous Liquids, Carbon Dioxide Fluids, and Related Pipeline Facilities	170 IAC 5-3-4 Reports to the division
2. Enhanced Reporting	Part 191.11	Master meter operators required to submit annual reports to the Pipeline Safety Division for leak surveys and results, cathodic protection surveys and results, valve inspections and results	Indiana Administrative Code, Title 170 Indiana Utility Regulatory Commission, Article 5 Gas Utilities, Rule 3 Minimum Safety Standards for the Transportation of Gas, Hazardous Liquids, Carbon Dioxide Fluids, and Related Pipeline Facilities	170 IAC 5-3-4 Reports to the division





Indiana

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3. Enhanced Reporting	Part 192.603	O&M Procedures required to be sent to the Pipeline Safety Division	Indiana Administrative Code, Title 170 Indiana Utility Regulatory Commission, Article 5 Gas Utilities, Rule 3 Minimum Safety Standards for the Transportation of Gas, Hazardous Liquids, Carbon Dioxide Fluids, and Related Pipeline Facilities	170 IAC 5-3-2 Federal regulations; revision
4. Enhanced Reporting	Part 192.615	Emergency Response Procedures required to be sent to the Pipeline Safety Division	Indiana Administrative Code, Title 170 Indiana Utility Regulatory Commission, Article 5 Gas Utilities, Rule 3 Minimum Safety Standards for the Transportation of Gas, Hazardous Liquids, Carbon Dioxide Fluids, and Related Pipeline Facilities	170 IAC 5-3-2 Federal regulations; revision
5. Enhanced Reporting	Part 191.3	Unintentional Interruptions of greater than 100 customers requires telephonic notification to the Pipeline Safety Division	Indiana Administrative Code, Title 170 Indiana Utility Regulatory Commission, Article 5 Gas Utilities, Rule 3 Minimum Safety Standards for the Transportation of Gas, Hazardous Liquids, Carbon Dioxide Fluids, and Related Pipeline Facilities	170 IAC 5-3-4 (d) Reports to the division
6. Enhanced Reporting	Part 191.27	Written report must be filed upon request of IURC	Indiana Administrative Code, Title 170 Indiana Utility Regulatory Commission, Article 5 Gas Utilities, Rule 3 Minimum Safety Standards for the Transportation of Gas, Hazardous Liquids, Carbon Dioxide Fluids, and Related Pipeline Facilities	170 IAC 5-3
7. Enhanced Reporting	Part 191.22	Specific requirements for reporting capital projects to IURC	Indiana Administrative Code, Title 170 Indiana Utility Regulatory	170 IAC 5-3 4(e) Reports to the division





			including transmission projects, any cast iron bare steel replacement, gas, distribution centers serving more than 1,000 customers, any haz liquid project, any CO2 project, any replacement project involving 12 city blocks or 250 services and greater	Commission, Article 5 Gas Utilities, Rule 3 Minimum Safety Standards for the Transportation of Gas, Hazardous Liquids, Carbon Dioxide Fluids, and Related Pipeline Facilities	
8. Valves	Part 192.365	Service shut-off valve criteria – must have valve outside structure	Indiana Administrative Code, Title 170 Indiana Utility Regulatory Commission, Article 5 Gas Utilities, Rule 3 Minimum Safety Standards for the Transportation of Gas, Hazardous Liquids, Carbon Dioxide Fluids, and Related Pipeline Facilities	170 IAC 5-3-2 (3) Federal regulations; revision	
9. Pressure Testing	Part 192.503	No pressure testing against a live valve (pressurized gas supply on other side of valve)	Indiana Administrative Code, Title 170 Indiana Utility Regulatory Commission, Article 5 Gas Utilities, Rule 3 Minimum Safety Standards for the Transportation of Gas, Hazardous Liquids, Carbon Dioxide Fluids, and Related Pipeline Facilities	170 IAC 5-3-2 (5) Federal regulations; revision	
10. Damage Prevention	Part 192.614	IURC now has enforcement authority in some cases of excavation damage to a pipeline	Indiana Code Title 8 Utilities & Transportation, Article 1 Utilities Generally, Chapter 26 Damage to Underground Utilities	IC 8-1-26-25 Penalties under IC 8-1-22.5 for pipeline operators	
11. Meter Location / Protection	Part 192.355 Advisory Bulletins ADB 11-02 (FR 7238) ADB 97-01 ADB 93-01 ADB 08-03 (FR 12796)	Customer meters must be protected from snow, ice damage	Indiana Administrative Code, Title 170 Indiana Utility Regulatory Commission, Article 5 Gas Utilities, Rule 3 Minimum Safety Standards for the Transportation of Gas, Hazardous Liquids, Carbon Dioxide Fluids,	170 IAC 5-3-2 (2) Federal regulations; revision	





Indiana

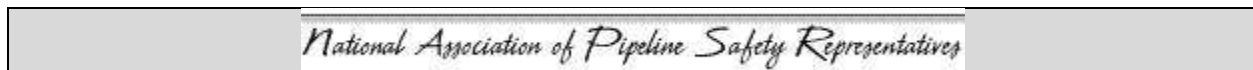
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12. Leak Tests	Part 192.723	Annual leak surveys for high occupancy buildings	and Related Pipeline Facilities	Indiana Administrative Code, Title 170 Indiana Utility Regulatory Commission, Article 5 Gas Utilities, Rule 3 Minimum Safety Standards for the Transportation of Gas, Hazardous Liquids, Carbon Dioxide Fluids, and Related Pipeline Facilities	170 IAC 5-3-2 (12) Federal regulations; revision
13. Leak Tests	Part 192.357	Residential customer piping must be pressure tight at time of startup or turn on	Indiana Administrative Code, Title 170 Indiana Utility Regulatory Commission, Article 5 Gas Utilities, Rule 3 Minimum Safety Standards for the Transportation of Gas, Hazardous Liquids, Carbon Dioxide Fluids, and Related Pipeline Facilities	Indiana Administrative Code, Title 170 Indiana Utility Regulatory Commission, Article 5 Gas Utilities, Rule 3 Minimum Safety Standards for the Transportation of Gas, Hazardous Liquids, Carbon Dioxide Fluids, and Related Pipeline Facilities	170 IAC 5-3-2 (2) Federal regulations; revision
14. Response to Leaks	Part 192.723	Leak response requirements are specified to determine what is acceptable	Indiana Administrative Code, Title 170 Indiana Utility Regulatory Commission, Article 5 Gas Utilities, Rule 3 Minimum Safety Standards for the Transportation of Gas, Hazardous Liquids, Carbon Dioxide Fluids, and Related Pipeline Facilities	Indiana Administrative Code, Title 170 Indiana Utility Regulatory Commission, Article 5 Gas Utilities, Rule 3 Minimum Safety Standards for the Transportation of Gas, Hazardous Liquids, Carbon Dioxide Fluids, and Related Pipeline Facilities	170 IAC 5-3-2 (12) Federal regulations; revision
15. Response to Leaks	Part 192.723	Classification requirements for discovered or reported leaks	Indiana Administrative Code, Title 170 Indiana Utility Regulatory Commission, Article 5 Gas Utilities, Rule 3 Minimum Safety Standards for the Transportation of Gas, Hazardous Liquids, Carbon Dioxide Fluids, and Related Pipeline Facilities	Indiana Administrative Code, Title 170 Indiana Utility Regulatory Commission, Article 5 Gas Utilities, Rule 3 Minimum Safety Standards for the Transportation of Gas, Hazardous Liquids, Carbon Dioxide Fluids, and Related Pipeline Facilities	170 IAC 5-3-2 (12) Federal regulations; revision





16. Replacement Programs	Part 192.487 Part 192.489	Cast iron / bare steel replacement program under rate relief	IURC Order Cause No 43298 dated February 13, 2008	IURC Cause No. 43298
17. Replacement Programs	Part 192.487 Part 192.489	29 private, municipal distribution operators have replaced all bare steel and cast iron pipe in their systems		
18. Authority Beyond OPS	Part 190.213	Authority to order change in public interest	Indiana Code Title 8 Utilities & Transportation, Article 1 Utilities Generally, Chapter 22.5 Gas Pipeline Safety	IC 8-1-22.5- Powers and Duties
19. Extending LDC Responsibility	Part 192.723	Maintenance responsibility for some buried customer service lines	Indiana Administrative Code, Title 170 Indiana Utility Regulatory Commission, Article 5 Gas Utilities, Rule 3 Minimum Safety Standards for the Transportation of Gas, Hazardous Liquids, Carbon Dioxide Fluids, and Related Pipeline Facilities	170 IAC 5-3-2 (12) Federal regulations; revision
20. Enhanced Record Keeping	Part 192.603	Detailed mapping requirements are specified including: Main, sizes, materials, pressures, emergency valve locations, rectifiers, regulator stations, critical bonds	Indiana Administrative Code, Title 170 Indiana Utility Regulatory Commission, Article 5 Gas Utilities, Rule 3 Minimum Safety Standards for the Transportation of Gas, Hazardous Liquids, Carbon Dioxide Fluids, and Related Pipeline Facilities	170 IAC 5-3-2 (10) Federal regulations; revision
21. State Inspection Programs	Part 190.203	Inspections focused on risk	Certification	Division Inspection Plan
22. State Inspection Programs	Part 190.203	More frequent inspections / contact	Certification	Division Inspection Plan





Iowa

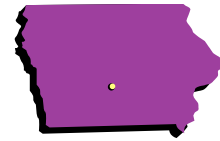
Key Stats

State Agency	Iowa Utilities Board
Division	
Department	Safety & Engineering
Web	https://iub.iowa.gov/regulated-industries/pipeline-safety
Regulated Intrastate Pipeline Systems	110 (Operators with both transmission and distribution systems are counted in both categories as required in PHMSA Certification Attachment 1.)
Regulated Master Meter Operators	0
Regulated LNG Systems	1
Regulated Hazardous Liquid Systems	0
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	13

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.3	Requires incident reports for \$15K property damage	Iowa Administrative Code, Title 199 Utilities Division Chapter 19 Gas Utilities	199 IAC 19.17(1)b Incident Notification and Reports
2. Enhanced Reporting	Part 191.3	Requires reports for loss of service of 50 customers or more	Iowa Administrative Code, Title 199 Utilities Division Chapter 19 Gas Utilities	199 IAC 19.17(1)d Incident Notification and Reports
3. More Direct Oversight	Part 192.605	Requires that if an operator opts to not disconnect service at a premise where there is no customer responsible for payment, that operator's O&M Plan must describe procedures ensuring that the gas can safely remain turned on.	State of Iowa, Department of Commerce, Utilities Board August 1, 2003	Order Concluding Investigation Ordering clause #1





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
4. Meter Location/Protection	Part 191.3	Master Meters not allowed with few exceptions	Iowa Administrative Code, Title 199 Utilities Division Chapter 19 Gas Utilities	199 IAC-19.3(476) General Service Requirements 19.3(1) Disposition of gas
5. Odorant	Part 192.625	Requires prompt remedial action if odor readings are below minimum requirement	Iowa Administrative Code, Title 199 Utilities Division Chapter 19 Gas Utilities e	199 IAC 19.8(5) Safety
6. Leak Tests	Part 192.605	No flow test at meter required when turning on gas service to customer	Iowa Administrative Code, Title 199 Utilities Division Chapter 19 Gas Utilities e	199 IAC 19.8(3) Safety
7. Response To Leaks	Part 192.615	A report of a gas leak must be treated as an emergency requiring immediate response and written into O&M Plan	Iowa Administrative Code, Title 199 Utilities Division Chapter 19 Gas Utilities e	199 IAC 19.8(4) Safety
8. Response to Leaks	Part 192.615	Gas leak reports must be responded to within one hour	Order	Enforcement action for unacceptable response times
9. Replacement Program	Part 192.703(b)	All Century plastic pipe – known to have become dangerously brittle – to be removed/ replaced.	State of Iowa, Department of Commerce, Utilities Board Feb 15, 2000 Order Terminating Reporting Requirements Docket #INU-95-2	Item 2 Investigation following incident with multiple fatalities
10. Design/Install Requirements	Part 192.327	48” of cover in tilled agricultural land	Iowa Administrative Code, Title 199 Utilities Division Chapter 10 Intrastate Gas and Underground Storage	199 IAC 10.12(3) Standards for Construction, Operation and Maintenance
11. Design/Install Requirements	Part 192.361	Requires 12” separation between buried gas and electric service lines	Iowa Administrative Code, Title 199 Utilities Division Chapter 19 Gas Utilities e	199 IAC 19.8(6) Safety
12. Design/Install Requirements	Part 192.319	Requires agricultural land and drainage be restored after pipeline construction	Iowa Administrative Code, Title 199 Utilities Division Chapter 9	199 IAC 9.1 – 9.7 Multiple sections





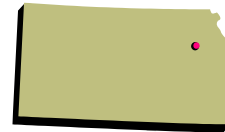
Iowa

State Page Last Revised: Sept 2013

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Restoration of Agricultural Lands during and after Pipeline Construction	
13. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections

National Association of Pipeline Safety Representatives





Kansas

Key Stats

State Agency	Kansas Corporation Commission
Division	Division of Utilities
Department	Pipeline Safety Section
Web	http://www.kcc.state.ks.us/pipeline/index.htm
Regulated Intrastate Pipeline Systems	102
Regulated Master Meter Operators	8
Regulated LNG Systems	0
Regulated Hazardous Liquid Systems	0
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	66

Applicable Requirement in CFR

	Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1.	Enhanced Reporting	Part 192.603	Requires Annual filing of O&M Plans with Commission	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4-(y) Minimum Pipeline Safety Standards
2.	Enhanced Reporting	Part 192.615	Requires Annual filing of Emergency Plans with Commission	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4-(y) Minimum Pipeline Safety Standards
3.	Enhanced Reporting	Part 192.614 Part 191.3	Requires monthly filing of damage resulting from 3 rd party excavation with Commission	KS Administrative Regulations, Agency 82, KCC, Article 82-14 The Kansas Underground Utility Damage Prevention Act	82-14-3 (m) Operator Requirements
4.	Enhanced Reporting	Part 192.614 Part 191.3	Requires the operator to notify the KCC within 30 minutes of all excavation damages called in by excavator	KCC Order Feb 20 2013 D# 13-DPAX-250-GIV	Paragraphs, 4, 5, 6 of Order
5.	Enhanced Reporting	Part 192.305	Requires Annual Report of Project Additions, Extensions,	Kansas Statutes Annotated (KSA) Chapter 66 Public	KSA 66-2103 Existing gas service utility to





Kansas

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		Improvements to Capital of Gas Utility	Utilities, Article 21: Rural Kansas Self-Help Gas Act, Statutes 66 -2101 through 66-2106	develop plans to provide gas; failure to provide or non-acceptance of plan
6. Enhanced Reporting	Part 191.11	Annual report of remaining miles of cast iron by diameter	KCC Order Sept 13 2012 D# 12-KGSG-721-TAR	Paragraph 30 of Order Infrastructure Replacement Tracking
7. Enhanced Reporting	Part 191.11	Annual report of leaks discovered on cast iron by diameter	KCC Order Sept 13 2012 D# 12-KGSG-721-TAR	Paragraph 30 of Order Infrastructure Replacement Tracking
8. More Direct Oversight	Part 192.613	Develop an annual report of Lost & Unaccounted volumes for each city with more than 10,000 customers that will supplement and guide the accelerated replacement of natural gas pipelines constructed of obsolete materials considered to be a safety risk	KCC Order September 12, 2017, D#15-GIMG-343-GIG; KCC Order April 24, 2018, D#18-KGSG-317-CPL; KCC Order April 23, 2018, D#18-BHCG-319-CPL; KCC Order April 24, 2018, D#18-ATMG-316-CPL	D# 15-GIMG-343-GIG Paragraph 80 of Order D# 18-KGSG-317-CPL ; D# 18-BHCG-319-CPL ; D# 18-ATMG-316-CPL
9. More Direct Oversight	Part 192.305	Requires 10 day advance notice of construction activities > 500 ft for small operators and >1, 000 ft for large operators for Commission inspections	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-7 (d) Construction Notices
10. More Direct Oversight	Part 192.305	Requires small operators to provide notice if consultants are used for routine maintenance activities	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-7 (c) Small Gas Operators
11. More Direct Oversight	Part 192.305	Requires inspection of outside construction crews (quality assurance control)	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4 (z) Minimum Pipeline Safety Standards





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
12. Valves	Part 192.181(b)	Install remote shut-off valves at all district regulator stations regardless of year of construction	KCC Order August 12, 2014, D#14-ATMG-508-SHO	D#14-ATMG-508-SHO Paragraphs 2 and 9 of Order
13. Valves	Part 192.181(c)	Install isolation valves in all downtown business districts with limited fire fighting abilities	KCC Order August 12, 2014, D#14-ATMG-508-SHO	D#14-ATMG-508-SHO Paragraphs 2 and 9 of Order
14. Pressure Testing	Part 192.509	Requires Steel Mains that operate > 1psig to be tested to minimum of 100 psig (not 90 psig)	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4 (u) Minimum Pipeline Safety Standards
15. Pressure Testing	Part 192.553	Requires Uprating of MAOP to be checked with FI unit within 8 hours of each interval	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4 (x) Minimum Pipeline Safety Standards
16. Operating Pressure	Part 192.614(a) Part 192.616(a)	Set low pressure alarm within 90% of normal operating range	KCC Order June 29 2017 D# 17-ATMG-137-GIP Order approving settlement agreement	D# 17-ATMG-137-GIP Paragraph 4 of Order
17. Damage Prevention	Part 192.614 Part 190.221	States Commission Pipeline Safety Division is enforcement authority for all underground damage prevention rules of KS	KS Administrative Regulations, Agency 82, KCC, Article 82-14 Kansas Underground Utility Damage Prevention Act	82-14-6 Enforcement Procedures
18. Damage Prevention	Part 192.614	Embedded throughout the Commission rules for underground utility damage prevention are standards that simulate many CGA Best Practices	KS Administrative Regulations, Agency 82, KCC, Article 82-14 The Kansas Underground Utility Damage Prevention Act	82-14-1 82-14-2 82-14-3 82-14-4 82-14-5 82-14-6 (Multiple Section Titles)
19. Damage Prevention	Part 192.614(a)	Requires O&M Manual to include excavation best practices such as probing within the tolerance zone while removing overburden with a backhoe	KCC Order Aug 19 2014 D# 14-ATMG-156-GIP Order approving settlement agreement	D# 14-ATMG-156-GIP Paragraph 8 of Order



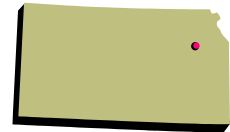


Kansas

State Page Last Revised: Jan 2020

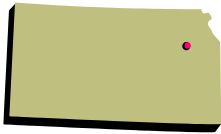
Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
20. Damage Prevention	Part 192.614(a) Part 192.613 Part 192.721 Part 192.317 Part 192.707	Patrol remote pipeline routes for areas of potential "shallow pipeline depth", such as erosion cuts, and install pipeline markers in those areas to inform the public	KCC Order June 29 2017 D# 17-ATMG-137-GIP Order approving settlement agreement	D# 17-ATMG-137-GIP Paragraph 4 of Order
21. Damage Prevention	Part 192.614 Part 192.616(a)	Enhance public awareness for agriculture community by organizing additional public awareness meetings to increase awareness of the potential for shallow pipelines in farm fields. The meetings will encourage all those working with tillage equipment to call Kansas811 before beginning any tillage activity in fields with underground pipelines.	KCC Order June 29 2017 D# 17-ATMG-137-GIP Order approving settlement agreement	D# 17-ATMG-137-GIP Paragraph 4 of Order
22. Training/Qualifications	Part 192.801	Requires Operator Training if Vegetation Surveying as a method of Leak Surveying	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4 (ff) Minimum Pipeline Safety Standards
23. Training/Qualifications	Part 192.605(b)(9)	Document training on use of Self Contained Breathing Apparatus (SCBA) for working in live gas situations	KCC Order February 19, 2019 D#17-KGSG-069-GIP	D#17-KGSG-069-GIP Condition 17 of Order
24. Training/Qualifications	Part 192.605(b)(8)	Review contractor's equipment to insure it is maintained in proper working condition	KCC Order February 19, 2019 D#17-KGSG-069-GIP	D#17-KGSG-069-GIP Condition 18 of Order
25. Operator Qualification	192.805(a)	Vault inspection and maintenance must be included as separate task in OQ plan.	KCC Order Aug 19 2014 D# 14-KGSG-566-GIP Order approving settlement agreement	D# 14-KGSG-566-GIP Conditions C and D of Order
26. Operator Qualification	192.805(h)	Formal methodology of evaluating	KCC Order Aug 19 2014 D# 14-KGSG-	D# 14-KGSG-566-GIP





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		performance of covered tasks is required when observing job performance in the field	566-GIP Order approving settlement agreement	Condition E of Order
27. Odorant	Part 192.625	All Service Calls to perform sniff test if entering a building	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4 (cc) Minimum Pipeline Safety Standards
28. Odorant	Part 192.625	Requires Monthly Sampling (not periodic)	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4 (cc) Minimum Pipeline Safety Standards
29. Odorant	Part 192.625	Requires Odorant to be injected at concentration of 0.5 to 1.25 pound per million cf. and requires the use of an odorometer for farm tap installations off unodorized transmission pipelines	KCC Order Aug 06 1999 D# OO-PNTG-086-MIS	D# OO-PNTG-086-MIS Paragraph 5 of Order
30. Leak Tests	Part 192.723	Requires continuous sampling technology	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4 (ff) Minimum Pipeline Safety Standards
31. Leak Tests	Part 192.723	Leak Surveys on Mains Frequency is annually (not 3 years) For non business areas and unprotected steel in class 2,3,4	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4 (ff) Minimum Pipeline Safety Standards
32. Leak Tests	Part 192.723	Leak Surveys on Mains Frequency is 3 years (not 5 years) For non-business areas and unprotected steel in class 1 or cast iron or PVC	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4 (ff) Minimum Pipeline Safety Standards
33. Leak Tests	Part 192.723	Leak Surveys on Services. Frequency is annually (not 3 years)	KS Administrative Regulations, Agency 82, KCC, Article 82-	82-11-4 (ff) Minimum Pipeline Safety Standards



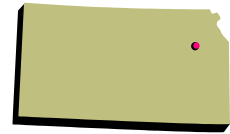


Kansas

State Page Last Revised: Jan 2020

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		For non-business areas and protected bare steel	11 Natural Gas Pipeline Safety	
34. Leak Tests	Part 192.723	Leak Surveys on Services Frequency is 3 years (not 5 years) For non-business areas and unprotected steel in class 1 or cast iron or PVC	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4 (ff) Minimum Pipeline Safety Standards
35. Leak Tests	Part 192.723	Requires weekly leak monitoring during frost conditions (winter)	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4 (dd) Minimum Pipeline Safety Standards
36. Leak Tests	Part 192.721	Requires distribution mains/feeders to be patrolled at specified intervals for areas where no anticipated movement or external loading	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4 (ee) Minimum Pipeline Safety Standards
37. Leak Tests	Part 192.723	Requires annual leak surveys of all cast iron piping (not just within business districts)	KCC Order Feb 8 2013 D# 12-KGSG-490-GIG	D# 12-KGSG-490-GIG Condition A of Order
38. Response to Leaks	Part 192.723	Leak Classification System and Required timeline for Repairs	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4 (dd) Minimum Pipeline Safety Standards
39. Response to Leaks	Part 192.615	Response Times to Leaks/Odor Complaints within 2 hours including classification	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4 (dd) Minimum Pipeline Safety Standards
40. Replacement Program	Part 192.755	Collect a coupon each time cast iron piping is leaking from the body of a pipe joint. Conduct laboratory analysis on all coupons	KCC Order Oct 16, 1997 D#97-WSRG-486-MER KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	D#97-WSRG-486-MER Stipulation Section 18 82-11-4 (gg) Minimum Pipeline Safety Standards





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		to determine the percentage of graphitization; Replace at least one city block (approximately 500 feet) within 120 days of the operator's knowledge of the laboratory test results, each time the results show graphitization equal to or greater than set values based on diameter of the pipe; Retain all sampling records for the life of the facility, but not less than five years.		
41. Replacement Program	Part 192.755	Requires replacement of Cast Iron by 2013 for pipe less than 3 inches in diameter	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4-(gg) (5) Minimum Pipeline Safety Standards
42. Replacement Program	Part 192.489	Requires entire distribution system to be replaced by 2007	KCC Order Aug 30 2007 D# 06-LYOP-641-SHO	D# 06-LYOP-641-SHO Stipulation 5.c Stipulation 5.d
43. Replacement Program	Part 192.487	Requires Bare Steel Services Replacement Program within 18 months if areas of system contain existing leaks +repaired leaks + replaced service lines due to corrosion leaks =25% of quantity of unprotected bare steel services	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4-(k) Minimum Pipeline Safety Standards
44. Replacement Program	Part 192.623	Requires Operator Remediation of Valid Pressure Complaints (too low/too high)	KCC Order April 6,2007, D# 06-ATMG-945-COM	Addressed insufficient supply of gas customer complaint resulting in low pressure
45. Replacement Program	Part 192.3	Replacing customer-owned yard lines and private lines from master meters;	KCC Order January 2, 2001, D# 01-KGSG-429-ACT	\$10 million Plan for Rectification of Customer-Owned Gas Distribution





Kansas

State Page Last Revised: Jan 2020

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		(re-piped over 200 mobile home parks		Systems of Mobile Home Courts
46. Replacement Program	Part 192.613	Staff will develop safety and investment analytics to benchmark the condition of each natural gas public utility, its equipment, the manner of its conduct and its management with reference to the public safety and convenience that will accelerate replacement of natural gas pipelines constructed of obsolete materials considered to be a safety risk	KCC Order September 12, 2017, D#15-GIMG-343-GIG; KCC Order April 24, 2018, D#18-KGSG-317-CPL; KCC Order April 23, 2018, D#18-BHCG-319-CPL; KCC Order April 24, 2018, D#18-ATMG-316-CPL	D#15-GIMG-343-GIG Paragraph 99 of Order D#18-KGSG-317-CPL; D#18-BHCG-319-CPL; D#18-ATMG-316-CPL
47. Authority Beyond OPS	None	Pipeline Safety Division Routinely Participates with Gas Division on Rate Cases and files Witness Testimony	KS Administrative Regulations, Agency 82, KCC, Article 82-01 Rules of Practice and Procedure	82-01-204 (q) Definitions
48. Extending LDC Responsibility	Part 192.703	Requires all operators to provide maintenance of buried piping between meter and building wall.	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-8-(a)-(f) Customer Installations Location and Monitoring Responsibility
49. Cathodic Protection	Part 192.469	All unprotected bare steel service lines must have close interval survey conducted	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4 (i) Minimum Pipeline Safety Standards
50. Cathodic Protection	Part 192.455	Eliminates exceptions for non corrosive environments and requires all new steel to be installed with cathodic protection	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4 (l) Minimum Pipeline Safety Standards
51. Cathodic Protection	Part 192.465	Short sections <100 feet or cathodically protected services must be cathodically tested within 3 year	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4 (o) Minimum Pipeline Safety Standards





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		period (not 10 year period)		
52. Cathodic Protection	Part 192.465	Limits prompt response for correcting cathodic protection deficiencies found during electrical tests to less than 30 days	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4 (p) Minimum Pipeline Safety Standards
53. Cathodic Protection	Part 192.465	Limits areas impractical to electrical survey to only: Wall to wall pavement; Pipelines in common trench with other utilities, areas of stray current; paved areas using a perimeter 2 feet less than actual	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4 (r) Minimum Pipeline Safety Standards
54. Design/Install Requirements	Part 192.317	Above ground transmission pipeline is prohibited for new installations and for existing class 2,3,4 locations	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4 (g) 82-11-4 (h) Minimum Pipeline Safety Standards
55. Risk-Based Approach	Part 192.613	Public Utilities shall develop a plan for the systematic accelerated replacement of all of their bare steel service/yard lines, and all bare steel mains within a urban location that will accelerate replacement of natural gas pipelines constructed of obsolete materials considered to be a safety risk	KCC Order September 12, 2017, D#15-GIMG-343-GIG; KCC Order April 24, 2018, D#18-KGSG-317-CPL; KCC Order April 23, 2018, D#18-BHCG-319-CPL; KCC Order April 24, 2018, D#18-ATMG-316-CPL	D# 15-GIMG-343-GIG Paragraph 99 of Order D# 18-KGSG-317-CPL ; D# 18-BHCG-319-CPL ; D# 18-ATMG-316-CPL
56. Risk Based Approach	Part 192.1007	Requires Annual Evaluation of Threats/Risks	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4(i) Minimum Pipeline Safety Standards
57. Risk-Based Approach	Part 192.613 Part 192.1007	Public Utilities shall develop a plan for the systematic accelerated replacement of all of their bare steel	KCC Order September 12, 2017, D#15-GIMG-343-GIG;	D# 15-GIMG-343-GIG Paragraph 99 of Order D# 18-KGSG-317-CPL ;



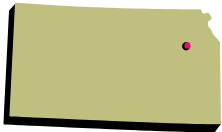


Kansas

State Page Last Revised: Jan 2020

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		service/yard lines, and all bare steel mains within a urban location that will accelerate replacement of natural gas pipelines constructed of obsolete materials considered to be a safety risk	KCC Order April 24, 2018, D#18-KGSG-317-CPL; KCC Order April 23, 2018, D#18-BHCG-319-CPL; KCC Order August 12, 2014, D#18-ATMG-316-CPL	D#18-BHCG-319-CPL; D#18-ATMG-316-CPL
58. Enhanced Record Keeping	Part 192.605	Requires GIS mapping of all gas steel mains that are parallel to and overlie sanitary sewer mains.	KCC Order April 6,2007, D# 12-GIMG-584-GIP	D# 12-GIMG-584-GIP Condition A of Order referencing Consent Decree section 22 (e)
59. Enhanced Record Keeping	Part 192.743	Requires regulator and relief valve capacity and calculations for all over pressure devices regardless of testing, or ownership or operations	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4-(z) Minimum Pipeline Safety Standards
60. Enhanced Record Keeping	Part 192.723	Requires leaks survey records to be kept a minimum of 6 years	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4-(ff) Minimum Pipeline Safety Standards
61. Enhanced Record Keeping	Part 192.625	Requires odorometer and sniff test records to be kept a minimum of 2 years	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4-(cc) Minimum Pipeline Safety Standards
62. Enhanced Record Keeping	Part 192.491	Requires records and maps of corrosion control systems and cathodic protection facilities	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4-(s) Minimum Pipeline Safety Standards
63. Enhanced Record Keeping	Part 192.617	Leaks are defined as failures and require investigation of each leak and record of each failure (leak)	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4 (bb) Minimum Pipeline Safety Standards
64. Enhanced Record Keeping	Part 192.517	Requires test date and description of facilities tested for establishing strength test	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4-(w) Minimum Pipeline Safety Standards

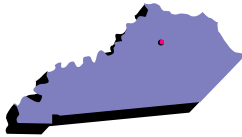




Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
65. Enhanced Record Keeping	Part 192.517	Requires all test records to be kept for the life of the pipeline for all pipelines	KS Administrative Regulations, Agency 82, KCC, Article 82-11 Natural Gas Pipeline Safety	82-11-4-(w) Minimum Pipeline Safety Standards
66. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections

National Association of Pipeline Safety Representatives





Kentucky

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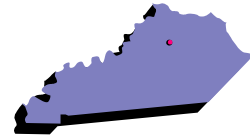
Kentucky

Key Stats	
State Agency	Kentucky Public Service Commission
Division	Energy and Environment Cabinet/Engineering Division
Department	Gas Pipeline Safety Branch
Web	http://www.psc.ky.gov/home/pipelinesafety
Regulated Intrastate Pipeline Systems	112
Regulated Master Meter Operators	107
Regulated LNG Systems	0
Regulated Hazardous Liquid Systems	0
Regulated LPG Operators	0
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	8

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.3	Requires reporting of outages to 40 or more customer for 4 hours or more	Kentucky Administrative Regulations, Title 807 Energy and Environmental Cabinet Public Service Commission, Chapter 5 Utilities, Gas Pipeline Safety; Report of Leaks	807 KAR 5:022 Section 2(b), (c) Minimum Service Standards for Natural Gas Utilities Operating Under the Jurisdiction of the Commission
2. Enhanced Reporting	Part 191.3	Requires utility to submit written report to the commission within 30 days of reportable outage providing full details of the outage.	Kentucky Administrative Regulations, Title 807 Energy and Environmental Cabinet Public Service Commission, Chapter 5 Utilities, Gas Safety and Service	807 KAR 5:022 Section 2(c) Minimum Service Standards for Natural Gas Utilities for Natural Gas Utilities Operating Under the Jurisdiction of the Commission
3. Enhanced Reporting	Part 191.1	Allows no more than a trace of hydrogen sulfide in gas	Kentucky Administrative Regulations, Title	807 KAR 5:022 Section 5 Purity of Gas



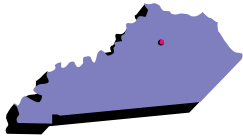


supplied to customers, does not allow for any impurities in gas which may cause excessive corrosion or harmful fumes when burned, requires testing for the presence of hydrogen sulfide (when necessary) as well as properly recording and filing the results, requires manufactured and mixed gas to be tested at least once each month

807 Energy and Environmental Cabinet Public Service Commission, Chapter 5 Utilities, Gas Safety and Service

<p>4. Odorant</p>	<p>Part 192.625(f)</p>	<p>Specifies sampling intervals (separately odorized systems w/10 or fewer customers shall be sampled at least once each 95 days, systems w/more than 10 customers shall be sampled at least once each week</p>	<p>Kentucky Administrative Regulations, Title 807 Energy and Environmental Cabinet Public Service Commission, Chapter 5 Utilities, Gas Safety and Service</p>	<p>807 KAR 5:027 Section 5 Odorization of Gas</p>
<p>5. Design/Install Requirements</p>	<p>Part 192.197</p>	<p>Construction and installation of farm taps shall conform to such standards of safety, location, and convenience as may be prescribed by the commission and shall be under the supervision of the PSC</p>	<p>Kentucky Revised Statutes Chapter 278 Oil and Gas Pipelines Section 485</p>	<p>807 KAR 5:026 Section 2 Construction Standards Section 4 Connections to High Pressure Gathering Lines Section 6 Customer Lines and Metering Facilities</p>
<p>6. Enhanced Record Keeping</p>	<p>Part 192.605</p>	<p>Prescribes minimum requirements for measurement of gas, accuracy of measuring instruments (meters), meter testing facilities, and</p>	<p>Kentucky Administrative Regulations, Title 807 Energy and Environmental Cabinet Public Service Commission, Chapter 5 Utilities,</p>	<p>807 KAR 5:022 Section 3 Minimum requirements for measurement of gas, accuracy of measuring meters, meter testing facilities and periodic testing of meters.</p>





Kentucky

State Page Last Revised: Jan 2020

			periodic testing of meters.	Gas Safety and Service	
7.	State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections
8.	State Inspection Program	Part 190.203	More Frequent Inspections/Contacts	Kentucky Administrative Regulations, Title 807 Energy and Environmental Cabinet Public Service Commission, Chapter 5 Utilities, Gas Safety and Service	807 KAR 5:027 Section 6 Inspection prior to service connection

National Association of Pipeline Safety Representatives





Louisiana

Key Stats	
State Agency	Louisiana Department of Natural Resources
Division	Office of Conservation / Pipeline Division
Department	Pipeline Safety Section
Web	http://www.dnr.louisiana.gov/index.cfm/page/144
Regulated Intrastate Pipeline Systems	219 Operators
Regulated Master Meter Operators	99 Operators
Regulated LNG Systems	0 Operators
Regulated Hazardous Liquid Systems	54 Operators
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	8

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.5(a)	Telephonic report within 2 hours of discovery	Louisiana Administrative Code Title 43 Natural Resources, Part XIII, Office of Conservation Pipeline Safety, Subpart 2 Transportation of Natural Gas and Other Gas by Pipeline, Chapter 3 Annual Reports, Incident Reports and Safety Related Condition Reports	§305.A Telephonic Notice of Certain Incidents
2. Enhanced Reporting	Part 195.52(a)	Telephonic report within 2 hours of discovery for hazardous liquids	Louisiana Administrative Code Title 33 Environmental Quality, Part V Hazardous Waste and Hazardous Materials Chapter 301	§30127.A
3. Enhanced Reporting	Part 191.22©	Construction of 1-mile or greater; 48-hour prior to construction	Louisiana Administrative Code Title 43 Natural Resources, Part XIII, Office of	§1705. B Inspection: General





Louisiana

State Page Last Revised: Sept 2013

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
				Conservation Pipeline Safety, Subpart 2 Transportation of Natural Gas and Other Gas by Pipeline, Chapter 17 General Construction Requirements for Transmission Lines and Mains
4. Enhanced Reporting	Part 195.64(c)	Hazardous Liquid Construction of any length; 7-days prior to construction	Louisiana Administrative Code Title 33 Environmental Quality, Part V Hazardous Waste and Hazardous Materials Chapter 302	§30204.B
5. Odorant	Part 192.625(e)	Odorizer and test point requirements	Louisiana Administrative Code Title 43 Natural Resources, Part XIII, Office of Conservation Pipeline Safety, Subpart 2 Transportation of Natural Gas and Other Gas by Pipeline, Chapter 27. Operations	§2725. H Odorization of Gas
6. Odorant	Part 192.625(f)	Quarterly sampling and records	Louisiana Administrative Code Title 43 Natural Resources, Part XIII, Office of Conservation Pipeline Safety, Subpart 2 Transportation of Natural Gas and Other Gas by Pipeline, Chapter 27. Operations	§2725. I Odorization of Gas
7. Cathodic Protection	Part 192.465(d)	Remedial action completed within 90-days from date deficiency discovered	Louisiana Administrative Code Title 43 Natural Resources, Part XIII, Office of Conservation Pipeline	§2117. D External Corrosion Control: Monitoring





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Safety, Subpart 2 Transportation of Natural Gas and Other Gas by Pipeline, Chapter 21. Requirements for Corrosion Control	
8. Risk-Based Approaches	Part 195.303	Risk Based alternative to pressure testing of older hazardous liquid pipelines not adopted or allowed in the Louisiana Chapter 303 Transportation of Hazardous Liquids by Pipeline- Pressure Testing	Louisiana Administrative Code Title 33 Environmental Quality, Part V Hazardous Waste and Hazardous Materials Chapter 303	Chapter 303 does not reference CFR Part 195.303 because it is prohibited.

National Association of Pipeline Safety Representatives





Maine

Key Stats

State Agency
Division
Department
Web
Regulated Intrastate Pipeline Systems
Regulated Master Meter Operators
Regulated LNG Systems
Regulated Hazardous Liquid Systems
Regulated LPG Operators
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199

Maine Public Utilities Commission
Consumer Assistance Division
Natural Gas and Propane Safety
https://www.maine.gov/mpuc/safety/natural-gas-safety
5
0
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31
76

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.3	Requires Incident Notification within 1 hour	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§4 (A) Emergency Notification
2. Enhanced Reporting	Part 192.614 Part 191.3	Requires filing of damage resulting from 3 rd party excavation with Commission	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§3 (A) (1) (d) Participation in Underground Utility Damage Prevention Program
3. Enhanced Reporting	Part 191.3	Requires Reports of all evacuations of the general public involving gas	Maine 65-407 Public Utilities Commission Rules, Part 1 Procedural Rules, Chapter 130 Safety and Accident Reporting Requirements	Rule§3 (1) Reporting
4. Enhanced Reporting	Part 191.3	Requires Reports of all outages greater than 500 customers or 1% of system customers	Maine 65-407 Public Utilities Commission Rules, Part 1 Procedural Rules, Chapter 130 Safety and Accident Reporting Requirements	Rule§3 (1) Reporting





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
5. Enhanced Reporting	Part 191.3	Requires Reports of all interruptions greater than 0.5 hr affecting other utilities critical facilities	Maine 65-407 Public Utilities Commission Rules, Part 1 Procedural Rules, Chapter 130 Safety and Accident Reporting Requirements	Rule§3 (I) Reporting
6. Enhanced Reporting	Part 192.723	Requires Monthly Status Reports of Leaks	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§7 (H) Monthly Leak Report
7. Enhanced Reporting	Part 191.3	Requires Reports of all outages greater than 20 customers	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§5 (A) Installation and Maintenance Standards
8. Enhanced Reporting	Part 192.603	Requires Annual Performance Measure Reporting of: Damages/Mile Leaks/Mile by Material Tickets/Mile Damages per 1K Tickets	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§7 (G) (2) Report of Performance Measures
9. Enhanced Reporting	Part 192.603	Requires Annual filing of O&M Plans with Commission	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§7 (D) Annual Submission of Operation Plans
10. Enhanced Reporting	Part 192.615	Requires Annual filing of Emergency Plans with Commission	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§7 (D) Annual Submission of Operation Plans
11. Enhanced Reporting	Part 192.805	Requires Annual filing of Operator Qualification Plans with Commission	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§7 (D) Annual Submission of Operation Plans
12. Enhanced Reporting	Part 192.616	Requires Annual filing of Public Awareness Plans with Commission	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§7 (D) Annual Submission of Operation Plans
13. Enhanced Reporting	Part 192.614	Requires Annual filing of Damage Prevention Plans with Commission	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§7 (D) Annual Submission of Operation Plans
14. Enhanced Reporting	Part 192.305	Requires Annual filing of Quality Assurance/Control Plans with Commission	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§7 (D) Annual Submission of Operation Plans





Maine

State Page Last Revised: Mar 2020

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
15. Enhanced Reporting	Part 192.907	Requires Annual filing of Integrity Management Plans with Commission	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§7 (D) Annual Submission of Operation Plans
16. Enhanced Reporting	Part 192.301	Requires Annual filing of Construction Standard with Commission	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§7 (D) Annual Submission of Operation Plans
17. Enhanced Reporting	Part 192.615	Requires Monthly Reporting of Response Times to Emergency/Odor Complaints /Leaks	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§7 (F) (3) Responses to Gas Odor Report
18. Enhanced Reporting	Advisory Bulletins 99-02 (FR 12212) 02-07 (FR 70806) 08-02 (FR 51303)	Requires Annual filing of failures for Plastic with Maine PUC and AGA Plastic Ad Hoc Committee	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§7 (C) Plastic Pipe Data Sharing
19. Enhanced Reporting	Part 192.319	Requires Commission Approval of any Interstate Transmission Pipeline Engineering Design including submission of plans 30 days prior to construction with chosen route	Maine Revised Statutes Title 35-A, Public Utilities Part 4 G, Chapter 45 Nat Gas Pipeline Utilities	§4510 Submission of Plans to Commission §4511 Submission of Maps to Commission
20. More Direct Oversight	Part 192.605	Requires quality assurance and quality control program be incorporated into O&M	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§6 (B) (1-5) QA/QC Program
21. More Direct Oversight	Part 192.305	Requires inspection of outside construction crews	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§6 (B) (1-5) QA/QC Program
22. More Direct Oversight	Part 192.305	Requires weekly Reporting of construction activities for Commission inspections	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§7 (J) Construction Work Reporting
23. Valves	Part 192.181	Sets Criteria for Critical Valves limits and maximum number of downstream customers affected (500 customers or 8 hour max relight)	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§5 (E) (2) Installation and Maintenance Standards





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
24. Valves	Part 192.747	Non Critical Valves must be operated within 5 years or recorded as inoperable	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§5 (E) (2) Installation and Maintenance Standards
25. Valves	Part 192.747	Critical Valves must be accessible at all times	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§5 (E) (2) Installation and Maintenance Standards
26. Valves	Part 192.747	Non Critical & Critical Valve Boxes must be accessible at all times (not paved over)	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§5 (E) (3) Installation and Maintenance Standards
27. Valves	Part 192.747	Valve Boxes shall not transmit external loads to the main or service	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§5 (E) (2) Installation and Maintenance Standards
28. Pressure Test	Part 192.553	Requires Uprating Plan to be filed with the Commission at least 30 days prior to Uprate	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§7 (K) Uprating Notice Requirement
29. Damage Prevention	Part 192.614 Part 190.221	States Commission Safety Division is enforcement authority for all underground damage prevention rules of ME	Maine 65-407 Public Utilities Commission Rules, Part 8 Multi Utility, Chapter 895	Rule§7 (B) Commission Activities
30. Damage Prevention	Part 192.801 Part 192.614	Requires locators be trained and knowledgeable of ME Damage Prevention Regulations and CGA Best Practices	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§3 (B) (1) Participation in Underground Utility Damage Prevention Program
31. Damage Prevention	Part 192.319 Part 192.614	Requires procedure for trenchless technology installations in accordance with GPTC Appendix G-192-6	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§3 (D) (1) Participation in Underground Utility Damage Prevention Program
32. Damage Prevention	Part 192.325 Part 192.614	Requires mandatory exposure of foreign utilities when in close proximity to trenchless installations	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§3 (D) (2) Location of Underground Facilities Where Trenchless Technology Is Used
33. Damage Prevention	Part 192.614	Tracer wire to be 12 gauge coated, not in contact with pipe	Maine 65-407 Public Utilities Commission	Rule§5 (D) (1)





Maine

State Page Last Revised: Mar 2020

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		unless trenchless technology used and	Rules, Part 4 Gas Utilities, Chapter 420	Installation and Maintenance Standards
34. Damage Prevention	Part 192.614	6 inch wide Warning Tape required 12 inches below surface for traditional construction installation techniques	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§5 (D) (1) Installation and Maintenance Standards
35. Damage Prevention	Part 192.616 Part 192.614	Enhanced Public Awareness For Operators Using Trenchless Methods	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§3 (D) (4) Location of Underground Utilities Where Trenchless Technology Is Used
36. Training/Qualifications	Part 192.801 Part 192.614	Requires locators to be trained in trenchless technology installations and monitoring techniques	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§3 (D) (3) Location of Underground Utilities Where Trenchless Technology Is Used
37. Training/Qualifications	Part 192.285	Annual Requalification required for Plastic pipe joining	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§5 (C) (2) Installation and Maintenance Standards
38. Operator Qualification	Part 192.801	Operator Qualification required for new construction	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§5 (B) Operator Qualification for New Construction
39. Operator Qualification	Part 192.801	Operator Qualification Program Requirements	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§6 (A) Operator Qualification (OO) Program Requirements
40. Meter Location/Protection	Part 192.353	Master Meters not allowed after Jan 1 2012 unless operated and maintained by LDC	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§5 (C) (1) Installation and Maintenance Standards
41. Meter Location/Protection	Part 192.353	Customer Meters must be located at Building wall or Structure (inside or out)	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§5 (C) (1) Installation and Maintenance Standards
42. Meter Location/Protection	Part 192.355 Advisory Bulletins 11-02	Customers meters must be protected from snow and ice damage	Maine 65-407 Public Utilities Commission	Rule§5 (C) (3)





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
	(FR 7238) 97-01 93-01 08-03 (FR 12796)		Rules, Part 4 Gas Utilities, Chapter 420	Installation and Maintenance Standards
43. Meter Location/ Protection	Part 192.361	Service Lines must be maintained, repaired, leak tested by the operator	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§5 (D) (4) Installation and Maintenance Standards
44. Odorant	Part 192.625	Requires Monthly Sampling (not periodic) and Reporting	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§7 (I) (3) Installation and Maintenance Standards
45. Leak Tests	Part 192.723	Requires repeated leak surveys during Dec 1 to April 30 at least every 30 days on Cast Iron	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§6 (D) (1) Installation and Maintenance Standards
46. Leak Tests	Part 192.723	Business Districts is defined in ME	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§2 (B) Definitions
47. Leak Tests	Part 192.723	Services for Public Buildings need leak surveyed inside and out each year between Mar 1 through Dec 1	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§6 (D) (1) Leak Surveys and Patrols
48. Leak Tests	Part 192.723	Requires leak surveys performed annually on all mains	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§6 (D) (1) Installation and Maintenance Standards
49. Leak Tests	Part 192.605	Calibrated Instrument used must be used to check for leak survey	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§6 (D) (2) Operation Standards
50. Response to Leaks	Part 192.723	Leak Classification System and Required timeline for Repairs [Class 2 Leaks repaired within 30 days or resurveyed until repaired. Class 3 Leaks repaired within 24 months or resurveyed every 6 months until repaired]	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§6 (E) (1) Operation Standards
51. Response to Leaks	Part 192.723	Upgrading and Down Grading restrictions of Leak Survey Results	Maine 65-407 Public Utilities Commission	Rule§6 (E) (7-8) Operation Standards





Maine

State Page Last Revised: Mar 2020

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Rules, Part 4 Gas Utilities, Chapter 420	
52. Response to Leaks	Part 192.723	Class I Leaks must be reported to local FD immediately	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§6 (E) (1) Operation Standards
53. Response to Leaks	Part 192.723	After all leaks are repaired, post leak survey and inspection required	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§6 (E) (6) Operation Standards
54. Authority Beyond OPS	Part 192.605	Operating must have procedure for Red Tagging Appliance and observing unsafe conditions in connection or reconnection of service	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§5 (C) (5) Installation and Maintenance Standards
55. Extending LDC Responsibility	Part 192.616	Public Awareness Plan must include customer notification of responsibility to maintain customer piping in accordance with NFPA 54	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§5 (C) (5) Installation and Maintenance Standards
56. Extending LDC Responsibility	None	Operators must make appropriate accommodations for foreign utility access to adjacent facilities	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§5 (D) (3) Installation and Maintenance Standards
57. Design Install Requirements	Part 192.181	Regulator Stations required to have inlet and outlet valves available during an emergency	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§5 (E) (4) Installation and Maintenance Standards
58. Design Install Requirements	Part 192.181	Regulator Stations required to have inlet and outlet valves at specified distance from station for those less than or greater than 100 psig	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§5 (E) (4) Installation and Maintenance Standards
59. Design/Install Requirements	Part 192.325	Requires 12 inches of clearance from any underground structure	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§5 (D) (3) Installation and Maintenance Standards
60. Design/Install Requirements	Part 192.287	Joiner cannot inspect own joints for Plastic Pipe joining	Maine 65-407 Public Utilities Commission	Rule§5 (D) (2)





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Rules, Part 4 Gas Utilities, Chapter 420	Installation and Maintenance Standards
61. Design/Install Requirements	Part 192.121	Only design factor of .32 is allowed for plastic including PA 11 (not .40)	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§5 (D) (2) Installation and Maintenance Standards
62. Design/Install Requirements	Part 192.325	Requires underground structure crossings to be over rather than under if a leak can migrate into space	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§5 (D) (3) Installation and Maintenance Standards
63. Design/Install Requirements	Part 192.361	Interstate Pipelines including service lines must be 24 inches deep	Maine Revised Statutes Annotated Title 35-A, Public Utilities Part 4 G, Chapter 45 Nat Gas Pipeline Utilities	§4506.1 Construction Requirements
64. Design/Install Requirements	Part 192.327	Mains in public ROW must have cover of at least 36 inches with limited exceptions	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§5 (D) (3) Installation and Maintenance Standards
65. Design/Install Requirements	Part 192.361	Services in public ROW must have cover of at least 30 inches and 24 inches on private property with limited exceptions	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§5 (D) (4) Installation and Maintenance Standards
66. Design/Install Requirements	Part 192.353	Service regulators must not be directly buried	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§5 (C) (4) Installation and Maintenance Standards
67. Enhanced Record Keeping	Part 192.605	Requires records of GPS coordinates of exposed pipe, newly installed pipe after Jan 1 2012, including street valve, service connection and all critical valves regardless of exposure	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§3 (C) (1-3) Participation in Underground Utility Damage Prevention Program Rule§5 (E) (1) Installation and Maintenance Standards
68. Enhanced Record Keeping	Part 192.727 Part 192.605	Requires recording locations of abandon mains and service on maps and records	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§6 (C) (4-5) Inactive Mains and Services
69. Enhanced Record Keeping	Part 192.723 Part 192.605	Requires maintaining leak progression maps and records including	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§6 (F) Leak Progression Mapping

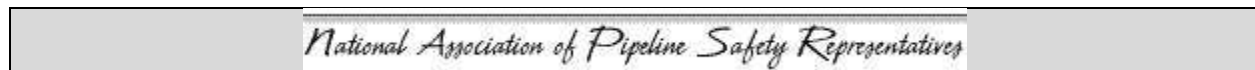




Maine

State Page Last Revised: Mar 2020

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		location, material, type of joint and cause		
70. Enhanced Record Keeping	Part 192.605	Requires maintaining all records for the life of the pipeline facilities	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§7 (B) Preservation of Records
71. Enhanced Record Keeping	Part 192.625	Requires Odorant Testing to include: volume of gas odorized, brand of odorometer, location of odorometer, amount of odorant added	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§7 (D)(2) Odorization Records
72. Enhanced Record Keeping	Part 192.805 Part 192.603	Requires Operator Qualification Plans Integrated with O&M and Emergency Plan and cross referencing	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§7 (E) (3) Coordination of O&M Emerg. & OQ Plans
73. Enhanced Record Keeping	Part 192.321 Part 192.375	Material Tracking and Traceability Requirements	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§5 (D) (5) Installation of Mains and Service Lines
74. Inactive Services	Part 192.727	Inactive Service must be cutoff if older than 2 years of inactive service for CI/BS mains and 5 years if Coated Steel or Plastic mains. BS stubs shall be cutoff immediately or no later than 6 months.	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§6 (C) (1-3) Inactive Mains and Services
75. Inactive Services	Part 192.727	Inactive Service must be cutoff if building to be demolished.	Maine 65-407 Public Utilities Commission Rules, Part 4 Gas Utilities, Chapter 420	Rule§6 (B) (6) Inactive Mains and Services
76. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections





Maryland

Key Stats

State Agency	Public Service Commission of Maryland
Division	Engineering Division
Department	
Web	https://www.psc.state.md.us/gas/natural-gas-pipeline-safety-program/
Regulated Intrastate Pipeline Systems	15 (7 Private Distribution, 7 Intrastate Transmission, 1 Municipality)
Regulated Master Meter Operators	48
Regulated LNG Systems	1
Regulated LPG Operators	14
Regulated Hazardous Liquid Systems	1
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	12

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 192.605	Requires a contact list to be filed in connection with general management duties, customer relations, engineering operations, meter test and repairs, safety, and emergencies during non-office hours	Code of Maryland Regulations (COMAR) Title 20 Public Service Commission, Subtitle 55 Service Supplied by Gas Companies, Chapter 3 Records and Reports	COMAR 20.55.03.02F Information to be Filed
2. More Direct Oversight	Part 192.305	Requires a construction notice to be filed for certain types of construction projects	Code of Maryland Regulations (COMAR) Title 20 Public Service Commission, Subtitle 55 Service Supplied by Gas Companies, Chapter 3 Records and Report	COMAR 20.55.03.02J Information to be Filed COMAR 20.56.01.09G (Propane)
3. Damage Prevention	Part 192.319	Requires identification tape to be installed at a	Code of Maryland Regulations (COMAR) Title 20	COMAR 20.55.09.07C(2)





Maryland

State Page Last Revised: June 2021

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		minimum of 12" above the top of the pipe	Public Service Commission, Subtitle 55 Service Supplied by Gas Companies, Chapter 9 Safety	Pipeline Location COMAR 20.56.01.08 ⁸ (2) (Propane)
4. Meter Location/Protection	Part 192.357	Requires that residential meters be placed as close to the exterior building wall as possible	Code of Maryland Regulations (COMAR)) Title 20 Public Service Commission, Subtitle 55 Service Supplied by Gas Companies, Chapter 9 Safety	COMAR 20.55.09.07D(1) Pipeline Location COMAR 20.56.01.08B(1) (Propane)
5. Meter Location/Protection	Part 192.361	Gas service may not be provided to new or renewed service lines if there is any underground pipeline after the meter, unless the pipeline carries gas only to gas utilization equipment located outdoors	Code of Maryland Regulations (COMAR)) Title 20 Public Service Commission, Subtitle 55 Service Supplied by Gas Companies, Chapter 9 Safety	COMAR 20.55.09.07D(2) Pipeline Location COMAR 20.56.01.08B(2) (Propane)
6. Odorant	Part 192.625(a)	Requires that odorants level throughout the entire company distribution system shall be sufficient so that gas is detectable at 1/10 th of the LEL	Code of Maryland Regulations (COMAR)) Title 20 Public Service Commission, Subtitle 55 Service Supplied by Gas Companies, Chapter 9 Safety	COMAR 20.55.09.06A Odorization
7. Leak Test	Part 192.723	Requires service lines to place of public assembly to be leak surveyed at least once each calendar year, but with intervals not exceeding 15 months	Code of Maryland Regulations (COMAR)) Title 20 Public Service Commission, Subtitle 55 Service Supplied by Gas Companies, Chapter 9 Safety	COMAR 20.55.09.05B(2) Gas Leakage Surveys COMAR 20.56.01.07A(1) (Propane)
8. Leak Test	Part 192.723	Requires that when a service utility person enters a customer's premises for the purpose of inspecting or servicing any gas equipment (excluding meter	Code of Maryland Regulations (COMAR)) Title 20 Public Service Commission, Subtitle 55 Service	COMAR 20.55.09.05C(2) Gas Leakage Surveys





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
9. Leak Test	Part 192.723	reading), a leakage survey shall be conducted at appropriate locations Spells out the acceptable types of equipment to be used to perform a leakage survey	Supplied by Gas Companies, Chapter 9 Safety Code of Maryland Regulations (COMAR)) Title 20 Public Service Commission, Subtitle 55 Service Supplied by Gas Companies, Chapter 9 Safety	COMAR 20.55.09.05A Gas Leakage Surveys COMAR 20.56.01.07B(2) (Propane)
10 Authority Beyond OPS	Part 192.801	Any engineering plans or specifications for engineering work or services that could pose a material risk to public safety after 1/1/2022 shall bear the stamp of a professional engineer	Code of Maryland Regulations (COMAR)) Title 20 Public Service Commission, Subtitle 55 Service Supplied by Gas Companies, Chapter 10 Work Approval	COMAR 22.55.10 Work Approvals
11 Enhanced Record Keeping	Part 192.605	Requires that the utility keep certain records with regards to meter reading and meter inventory (manufacturer, number, type, capacity, multiplier, constants, pressure rating, and compensated index w/associated pressure)	Code of Maryland Regulations (COMAR)) Title 20 Public Service Commission, Subtitle 55 Service Supplied by Gas Companies, Chapter 5 Metering Requirements – General, Chapter 6 Metering Test Facilities & Equipment, Chapter 7 Metering Tests	COMAR 20.55.05 Metering Requirements – General COMAR 20.55.06 Metering Test Facilities and Equipment COMAR 20.55.07 Metering Tests COMAR 0.56.02.05B (Propane)
12 State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections





Massachusetts

Key Stats

State Agency	Massachusetts Department of Public Utilities
Division	Pipeline Engineering & Safety Division
Department	
Web	https://www.mass.gov/orgs/pipeline-safety-division
Regulated Intrastate Pipeline Systems	11
Regulated Master Meter Operators	0
Regulated LNG Systems	19
Regulated Hazardous Liquid Systems	0
Regulated LPG Operators	0
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	54

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 192.305	Minimum of 3 construction projects per yr must be given 48 hours notice, 25% of projects >2500 ft require 48 hours notice, all projects > 5000 ft require 48 hours notice	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 101 General Requirements	101.04 Notice of Proposed Construction
2. Enhanced Reporting	Part 192.615	Emergency Response Plan must be submitted and approved by the Department of Public Utilities	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 19 Standards Of Performance For Emergency Preparation And Restoration Of Service For Electric Distribution And Gas Companies	19.04 (3) Emergency Response Plans
3. Enhanced Reporting	Part 192.615	The filing shall include a copy of all written Mutual Assistance Agreements into which	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 19	19.04 (3) Emergency Response Plans





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		the Company has entered, and identify and describe any modifications to the ERP and Mutual Assistance Agreements	Standards Of Performance For Emergency Preparation And Restoration Of Service For Electric Distribution And Gas Companies	
4. Enhanced Reporting	Part 192.615	During an Emergency Event, each Company shall provide periodic reports to the Department, appropriate regional Massachusetts Emergency Management Agency representatives and municipal emergency managers, or their designees, that contain detailed information related to emergency conditions and restoration performance for each affected city and town	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 19 Standards Of Performance For Emergency Preparation And Restoration Of Service For Electric Distribution And Gas Companies	19.03 (4) (b) Performance Standards for Emergency Preparation and Restoration of Service
5. Enhanced Reporting	Part 192.615	Following an Emergency Event, each Company shall submit a detailed report with supporting documentation to the Department on its restoration performance, including lessons learned.	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 19 Standards Of Performance For Emergency Preparation And Restoration Of Service For Electric Distribution And Gas Companies	19.03 (4) (c) Performance Standards for Emergency Preparation and Restoration of Service
6. Enhanced Reporting	Part 192.615	ERP Plan shall contain at minimum: (1) identification of management staff responsible for Company operations, including a description of their specific duties;	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 19 Standards Of Performance For Emergency Preparation And	19.04 (1) Emergency Response Plans





Massachusetts

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		(2) a process for communicating with customers that extends beyond normal business hours and business conditions (3) designation of staff to communicate with local officials, including public safety officials, and relevant regulatory agencies (4) provisions regarding how the Company will assure the safety of its employees, contractors and the public (5) procedures for deploying Company and contractor crews, and crews acquired through Mutual Assistance Agreements to work assignment areas (6) identification of additional supplies and equipment needed during an emergency and the means of obtaining additional supplies and equipment	Restoration Of Service For Electric Distribution And Gas Companies	
7. More Direct Oversight	Part 192.3	Definition regarding Distribution System Pressures (Low, Intermediate, High)	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 101 General Requirements	101.06 (1) (2) (3) Additional Rules or Modifications
8. Valves	Part 192.181 Part 192.747	All valve boxes, critical and non - critical including curb boxes must be immediately accessible	Massachusetts General Laws, Part I Administration of the Government, Title XXII Corporations, Chapter 164 Manufacture and Sale of Gas And Electricity Section 116B	Section 116B Gas company to provide maintenance and improvement of gate boxes during street, sidewalk or road repair; application for assistance





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
9. Valves	Part 192.365	All intermediate and high pressure services and all services two inches in diameter or larger shall be equipped with an underground curb shut off located in proximity to the property line	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 101 General Requirements	101.06 (14) Additional Rules or Modifications
10. Valves	Part 192.365	Whenever gas is supplied to a theatre, church, school, factory or other buildings when large numbers of persons assemble, an outside shut off in such case will be required regardless of the size of the service or of the service pressure. [Requires curb valve + riser valve]	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 101 General Requirements	101.06 (14) Additional Rules or Modifications
11. Valves	Part 192.365	All underground curb shut offs shall be readily identifiable by gas company personnel	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 101 General Requirements	101.06 (14) Additional Rules or Modifications
12. Valves	Part 192.365	All underground curb shut offs shall be available for easy access by gas company personnel.	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 101 General Requirements	101.06 (14) Additional Rules or Modifications
13. Pressure Testing	Part 192.507	Steel gas mains to be operated at pressures from 100 psig to 150 psig shall be air or hydrostatically tested for tightness to 1.5 times the maximum allowable operating pressure for at least one hour.	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 101 General Requirements	101.06 (15) Additional Rules or Modifications
14. Pressure Testing	Part 192.507	Steel gas mains to be operated at pressures in excess of 150 psig	220 Department of Public Utilities, Code of Massachusetts	101.06 (15) Additional Rules or Modifications





Massachusetts

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		shall be air or hydrostatically tested for tightness to 1.5 times the maximum operating pressure for at least four hours	Regulations, Title 101 General Requirements	
15. Pressure Testing	Part 192.507	Calibrated recording instruments shall be verified by dead weight instruments and the recording submitted to the D.P.U. for certification that the steel gas main as defined may be operated at a pressure which is equal to the test pressure divided by a factor of 1.5.	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 101 General Requirements	101.06 (15) Additional Rules or Modifications
16. Pressure Testing	Part 192.509	Each newly installed steel main that is to be operated at or below 100 psig must be leak tested at a test pressure of at least 90 psig	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 101 General Requirements	101.06 (16) Additional Rules or Modifications
17. Pressure Testing	Part 192.509	Each newly installed steel main that is to be operated at or below 100 psig must be leak tested for at least one hour .	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 101 General Requirements	101.06 (16) Additional Rules or Modifications
18. Pressure Testing	Part 192.509	Each newly installed steel main that is to be operated at or below 100 psig must be leak tested for at least one hour .	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 101 General Requirements	101.06 (16) Additional Rules or Modifications
19. Pressure Testing	Part 192.511 Part 192.513	All steel service lines must be tested for at least 15 minutes	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 101 General Requirements	101.06 (17) Additional Rules or Modifications
20. Pressure Testing	Part 192.511 Part 192.513	For all plastic mains and services, the test pressure shall be at	220 Department of Public Utilities, Code of Massachusetts	101.06 (18) Additional Rules or Modifications





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		least 150% of the maximum operating pressure or 90 psig whichever is the greater,	Regulations, Title 101 General Requirements	
21. Pressure Testing	Part 192.511 Part 192.513	For all plastic mains and services, the test pressure shall be for at least 15 minutes for services, or one hour for mains.	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 101 General Requirements	101.06 (18) Additional Rules or Modifications
22. Damage Prevention	Part 192.614 Part 190.221	States Commission Pipeline Engineering and Safety Division is enforcement authority for all underground damage prevention rules of MA	220 CMR 99.00: Procedures For The Determination And Enforcement Of Violations Of M.G.L. c.82, § 40 ("DIG SAFE")	99.07: (1) Notice of Probable Violation: Commencement of Enforcement Proceedings
23. Meter Location/ Protection	Part 192.351	Each gas meter shall be replaced every seven years	Commonwealth of Massachusetts General Laws Part 1 Administration of the Government Title XXII Corporations Chapter 164 Manufacture and Sale of Gas and Electricity	Section 115A Replacement of Gas Meters
24. Odorant	Part 192.625	Gas must be odorized so that it can smelled at 0.15% gas-in-air	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 101 General Requirements	101.06 (20) Additional Rules or Modifications
25. Leak Tests	Part 192.723	For Business Districts, leak surveys must be conducted at intervals not greater than 12 months	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 101 General Requirements	101.06 (21) Additional Rules or Modifications
26. Leak Tests	Part 192.723	Business districts are defined as areas with pavement from building wall to building wall and/or where the principal commercial activity of the city or town takes place.	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 101 General Requirements	101.06 (21) Additional Rules or Modifications
27. Leak Tests	Part 192.723	Business districts shall be outlined on a map	220 Department of Public Utilities, Code	101.06 (21)



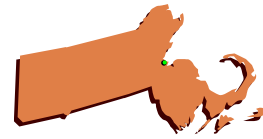


Massachusetts

State Page Last Revised: Jan 2020

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		and maintained by the operator	of Massachusetts Regulations, Title 101 General Requirements	Additional Rules or Modifications ns
28. Leak Tests	Part 192.723	For non Business districts, Leakage surveys shall be made of the area not included in the principal business district at least once in every consecutive 24 month period	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 101 General Requirements	101.06 (21) Additional Rules or Modifications
29. Leak Tests	Part 192.723	Types of Leak Survey are specified as one of the four following methods: 1. Gas detector surveys using combustible gas indicators, flame ionization equipment, infra-red equipment or other industry accepted testing equipment. 2. Bar tests. 3. Vegetation surveys. 4. Pressure drop tests	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 101 General Requirements	101.06 (21) Additional Rules or Modifications
30. Leak Tests	Part 192.723	A survey of schools, churches, hospitals, theatres, and arenas shall be conducted at least once annually. The survey shall include tests for gas leakage and visual inspection of gas facilities in the immediate area of the service entrance	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 101 General Requirements	101.06 (21) Additional Rules or Modifications
31. Leak Tests	Part 192.723	All disclosed conditions of a nature hazardous to persons or property shall be promptly made safe and permanent repairs instituted	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 101 General Requirements	101.06 (21) Additional Rules or Modifications
32. Replacement Program	Part 192.755	Cast Iron replacement Program Required	220 Department of Public Utilities, Code of Massachusetts	113.05 Replacement and Abandonment





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Regulations, Title 113 Operation, Maintenance, Replacement and Abandonment of Cast Iron Pipelines	Program and Procedures
33. Replacement Program	Part 192.755	Encroached Cast Iron replaced immediately	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 113 Operation, Maintenance, Replacement and Abandonment of Cast Iron Pipelines	113.06 Replacement of Cast Iron Pipe at Trench Crossings 113.07 Replacement of Cast Iron Pipe Adjacent to Parallel Excavations
34. Authority Beyond OPS	Part 192.747 Part 192.181	Operators required to have a liaison with local Government Agencies and attend preconstruction meetings for the purposes of eliminating paved over valve boxes in public ROWs	Department of Public Utilities Commission Order Oct 14 2008 for Docket # -06-48 A.	Order establishing Protocol for Communicating with Governmental Agencies
35. Authority Beyond OPS	Part 192.303 Part 192.101 Part 192.601 Part 192.701	Requires municipalities to incorporate road enhancements for those affecting mains greater than 200 PSIG	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 111 Construction of streets. Places and ways except residential driveways, over, along or across high pressure gas mains operating in excess of 200 PSIG.	111.01 – 111.04 All Sections applicable
36. Authority Beyond OPS	Part 192.615	The DPU has broad authority to issue operational and management directives and order expenditures the chairman considers necessary to respond to the state of emergency, including but not limited to, expenditures for the deployment of	Commonwealth of Massachusetts General Laws Part 1 Administration of the Government Title II Executive and Administrative Officers of The Commonwealth Chapter 25 Department of Public Utilities, Section 4B:	Section 4B Authority of commissioner upon declaration of state of emergency





Massachusetts

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		personnel, equipment and other assets or property of an alternative utility to assume responsibility for the restoration of service	Authority of commissioner upon declaration of state of emergency	
37. Authority Beyond OPS	Part 192.801	Any engineering plans or specifications for engineering work or services that could pose a material risk to public safety after 10/15/2021 shall bear the stamp of a professional engineer.	Commonwealth of Massachusetts General Laws Part 1 Administration of the Government Title XXII Corporations Chapter 164 Manufacture and Sale of Gas and Electricity Section 148 220 Department of Public Utilities, Code of Massachusetts Regulations, Title 105 Use of Professional Engineers For Gas Utility Work	105.01-105.05 All Sections
38. Design/Install Requirement	Part 192.305 Part 192.603 Part 192.703	Mains with MAOP >200 psig must meet enhanced design, construction and maintenance requirements	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 109 Design, Construction, Operation and Maintenance of Intrastate Pipelines Operating in Excess of 200 PSIG	109.01 – 109.13 All Sections applicable
39. Design/Install Requirement	Part 192.5	All pipelines anywhere in the state must meet Class 3 or 4 requirements	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 101 General Requirements	101.06 (4) Additional Rules or Modifications
40. Design/Install Requirement	Part 192.121	Design limitations for plastic pipe for wall thickness	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 101 General Requirements	101.06 (4) Additional Rules or Modifications
41. Design/Install Requirement	Part 192.241	Welds must radiographed for at	220 Department of Public Utilities, Code of Massachusetts	101.06 (9) Additional Rules or Modifications





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		least 10% of the welds made	Regulations, Title 101 General Requirements	
42. Design/Install Requirement	Part 192.241	The D.P.U. may at any time visually inspect any welding and if it is considered faulty, order the operating company to subject the weld to a destructive test as outlined in paragraph I of Appendix C of CFR 192 Standards or to a radiographic examination.	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 101 General Requirements	101.06 (9) Additional Rules or Modifications
43. Design/Install Requirement	Part 192.317	Detailed Design requirements and installation plan for pipes located on trestles and bridges	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 101 General Requirements	101.06 (10) Additional Rules or Modifications
44. Design/Install Requirement	Part 192.323	All Railway and Highway crossings with a pipeline require a casing and must be at installed at 90 degrees to traveled way when operating >200 psig	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 101 General Requirements	101.06 (11) Additional Rules or Modifications
45. Design/Install Requirement	Part 192.323	All Railway and Highway crossings with a pipeline require a casing and must be in accordance with API 1102 1968 edition when operating >200 psig	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 101 General Requirements	101.06 (11) Additional Rules or Modifications
46. Design/Install Requirement	Part 192.323	All highway crossings with a pipeline require a casing and must be 54 inches of cover to the top of the casing and the casing shall extend 25 feet beyond the pavement or to the ROW when operating >200 psig	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 101 General Requirements	101.06 (11) Additional Rules or Modifications





Massachusetts

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
47. Design/Install Requirement	Part 192.327	Mains less than 24 inches of cover that require protection also require Commission approval	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 101 General Requirements	101.06 (12) Additional Rules or Modifications
48. Design/Install Requirement	Part 192.327	Transmission Lines regardless of Class Location must be buried with cover of 36 inches	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 101 General Requirements	101.06 (12) Additional Rules or Modifications
49. Design/Install Requirement	Part 192.327	Mains installed under state highways must be buried with cover of 36 inches	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 101 General Requirements	101.06 (12) Additional Rules or Modifications
50. Enhanced Record Keeping	Part 192.723	Records of the leakage surveys required under 220 CMR 101.06 shall be maintained for a period of time not less than the interim between successive surveys	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 101 General Requirements	101.06 (21) Additional Rules or Modifications
51. Inactive Services	Part 192.727	Inactive services must be abandoned within 5 years; 10 yrs. For services installed after 1971.	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 107 Abandonment of Gas Service Lines and Leakage Survey Procedures	107.05 Abandonment of Service Lines
52. Inactive Services	Part 192.727	Inactive services must be cut off at the main, purged, and the ends must be plugged.	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 107 Abandonment of Gas Service Lines and Leakage Survey Procedure	107.03 Definitions
53. Stronger Enforcement Penalties	Part 190.223	If after investigation the Department finds a violation of the standards established in 220 CMR 19.03, the Department shall levy a penalty not to exceed \$250,000 for each violation for each day	220 Department of Public Utilities, Code of Massachusetts Regulations, Title 19 Standards of Performance for Emergency Preparation And	19.05 (2) Department Investigation into Company Performance; Remedies





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		that the violation of the Department's standards persists; provided, however, that the maximum penalty shall not exceed \$20,000,000 for any related series of violations.	Restoration Of Service for Electric Distribution And Gas Companies	
54. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections

National Association of Pipeline Safety Representatives





Michigan

Key Stats

State Agency	Michigan Public Service Commission
Division	Operations & Wholesale Markets
Department	Gas Operations
Web	https://www.michigan.gov/mpsc/regulatory/natural-gas/pipeline-safety
Regulated Intrastate Pipeline Systems	62
Regulated Master Meter Operators	0 (None in state)
Regulated LNG Systems	0 (None in state)
Regulated Hazardous Liquid Systems	0
Regulated LPG Operators	2
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	71

Applicable Requirement in CFR

	Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1.	Enhanced Reporting	Part 191.5	Reports of Incidents: Telephonic Notice to the Commission of property damage of \$10K, media coverage, and loss of gas to more than 100 customers	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20503 Reports Of Incidents; Telephonic Notice To The Commission
2.	Enhanced Reporting	Part 191.5	Telephonic Notice to the Commission of Sour Gas Leak within 8 hours	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20424 Telephonic Notice To The Commission Of Sour Gas Leak. (Sour Gas)
3.	Enhanced Reporting	Part 191.7	Simultaneous State reporting Address for Written Reports required by §191.9, §191.11, §191.13, §191.15, §191.17, §191.23	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20504 Address For Written Reports
4.	Enhanced Reporting	Part 192.605	Operations and maintenance plan required in 49 CFR	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20319 Filing Of Operation And Maintenance Plan With





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		192.605 shall be filed with the commission		Commission Required
5. More Direct Oversight	Part 192.605	Operators of sour gas pipelines must address all issues involved with operating sour gas pipelines in operations and maintenance plan required by 49 CFR §192.605	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20419 Sour Gas Pipeline Operating And Maintenance Plan; Contents. (Sour Gas)
6. More Direct Oversight	Part 192.3	Additional Definitions; Commission, Corrosion, Customer, Hoop stress, Leak, Leakage survey, Pressure, Sour gas, System, Vault Additional Definitions; Commission,	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20102 Definitions
7. More Direct Oversight	Part 192.615	An operator of a sour gas pipeline must address public and employee safety and ways to minimize danger in their emergency procedures	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20422 Emergency procedures. (Sour Gas)
8. More Direct Oversight	Part 192.616	Operators of sour gas pipelines must provide continuing education to help excavators, general public, and government organizations recognize sour gas pipeline emergencies, and what action to take in case of an emergency	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20423 Sour gas education programs. (Sour Gas)
9. Valves	Part 192.145	Valves used in sour gas systems must meet requirements in the National Association of Corrosion Engineers International Standard NACE MR0175/ISO 15156, 2004-2007	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20405 Valves; Qualification For Sour Gas Service. (Sour Gas)
10. Valves	Part 192.365	Prescribes where valve for service line is	Section 2 of 1969 PA 165, Michigan	R 460.20309





Michigan

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
11. Valves	Part 192.745	required and location of valve Each valve in a sour gas pipeline that may potentially be used in an emergency situation shall be inspected and partially operated at intervals of 7.5 months or less and twice a calendar year	Compiled Law 483.152 Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	Service lines; valve location R 460.20431 Valve Maintenance; Sour Gas Pipelines. (Sour Gas)
12. Valves	Part 192.747	An operator shall partially operate a valve that may be necessary for the safe operation of a distribution system at intervals of 15 months or less but at least once a calendar year	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20329 Valve Maintenance; Distribution Systems.
13. Valves	Part 192.179	Requires placement of sectionalizing block valves in sour gas	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20407 Sectionalizing block valves. (Sour Gas)
14. Pressure Testing	Part 192.513	Pressure tests shall last at least 1 hour	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20313 Strength test requirements; plastic pipelines
15. Pressure Testing	Part 192.505	All sour gas pipelines must be pressure tested to at least twice their MAOP for at least 8 hours	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20412 Strength test requirements. (Sour Gas)
16. Pressure Testing	Part 192.509	Adds requirement that mains to be operated above 60 psi gage require a pressure test of 1.5 times the proposed MAOP	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20311 Test requirements for pipelines operating below 100 psig
17. Operating Pressure	Part 192.621	Unreinforced bell and spigot joint cast iron pipe may be operated at a maximum pressure of 10 psi	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20322 Maximum Allowable Operating Pressure Of Pipeline Containing Cast-Iron Pipe
18. Operating Pressure	Part 192.739	Pressure limiting or pressure relief devices	Section 2 of 1969 PA 165, Michigan	R 460.20328





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		shall be tagged to indicate the MAOP of the facilities being protected, and the set pressure, or make information available at each location	Compiled Law 483.152	Pressure-Limiting And Pressure-Regulating Stations; Inspection And Testing
19. Operating Pressure	Part 192.739	Pressure limiting or regulating devices used in the transportation of sour gas shall be inspected at intervals of 7.5 months or less and at least twice a calendar year	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20430 Inspection Of Pressure-Limiting And Pressure-Regulating Stations. (Sour Gas)
20. Damage Prevention	Part 192.614	When an operator is made aware of a "One Call" notification involving their sour gas pipeline, operator must monitor the excavation with onsite personnel	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20421 Damage Prevention Program. (Sour Gas)
21. Damage Prevention	Part 192.707	Sour gas pipelines shall have line markers placed so that at least one is visible from any location on the pipeline and shall indicate that sour gas is present in the pipeline	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20427 Line markers for sour gas pipelines. (Sour Gas)
22. Damage Prevention	Part 192.327	Sour gas pipelines shall have a warning tape installed 12" or more above the pipeline	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20414 Cover. (Sour Gas)
23. Training and Qualifications	Part 192.605	Operators of sour gas pipelines must file plans and procedures to address safety concerns regarding abnormal operating procedures	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20420 Safety Procedures For Abnormal Operating Conditions. (Sour Gas)
24. Meter Location/Protection	Part 192.353	Customer meters and regulators outside unless impractical and	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20308 Customer meters and regulators; location.





Michigan

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		meet certain location conditions		
25. Leak Tests	Part 192.511	Leak tests performed on services must last 10 minutes	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20312 Leak test requirements; service lines.
26. Leak Tests	Part 192.553	Leaks detected during uprating operations shall be exposed, monitored and repaired if new pressure exceeds 10 psi	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20315 Leaks occurring during uprating; repairs and monitoring required.
27. Leak Tests	Part 192.555	A leak test is to be performed and all leaks found are to be repaired before any segment of steel pipeline is subjected to an operating pressure that produces a hoop stress of 30% or more of specified minimum yield strength	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20316 Leakage survey required in addition to requirements in 49 C.F.R. § 192.555(b)(2).
28. Leak Tests	Part 192.706	Operators of sour gas pipelines shall perform leakage surveys on their sour gas pipelines at least twice each calendar year at intervals of 7.5 months or less	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20426 Leakage surveys. (Sour Gas)
29. Leak Tests	Part 192.705	Operators shall patrol all transmission lines that are operating at 40% or greater of specified minimum yield strength at intervals of less than 6 weeks and not less than 12 times each calendar year	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20325 Transmission line patrolling.
30. Leak Tests	Part 192.705	Operators shall patrol all sour gas pipelines at intervals of less than 6 weeks and not less than 12 times each calendar year	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20425 Sour gas pipeline patrolling. (Sour Gas)





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
31. Leak Tests	Part 192.603	Gas service shall not be established until a leak test is performed.	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20318 Gas leak investigation; establishment of service; customer leak complaint records.
32. Response to Leaks	Part 192.557	All leaks found in survey performed according to 49 CFR §192.557(b)(2) must be repaired	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20317 Provisions of 49 C.F.R. § 192.557(b)(2) superseded by leakage survey and repair requirement
33. Response to Leaks	Part 192.603	Operators are to investigate every gas leak report received as soon as possible and repair the situation.	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20318 Gas leak investigation; establishment of service; customer leak complaint records.
34. Response to Leaks	Part 192.717	Disallows welding of steel plate over corrosion pitted area as described in 49 CFR §192.717(b)(3)	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20326 Transmission lines; permanent field repair of leaks.
35. Response to Leaks	Part 192.723	Operator must evaluate leaks to determine which should be: fixed immediately, fixed within one year, or monitored	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20327 Distribution system; leakage surveys and procedures.
36. Replacement Program	Part 192.753	Cast iron pipe with caulked bell and spigot joints that is subject to pressures greater than or equal to 10 psi must be sealed with a mechanical leak clamp or an equivalent method not reducing the flexibility of the joint, permanently bonds with the surface of the joint, and complies with strength, environmental, and	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20331 Caulked bell and spigot joints





Michigan

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		chemical properties outlined in 49 CFR §192.53 and 49 CFR §192.143		
37. Replacement Program	Part 192.485	Each segment of pipeline with a resulting wall thickness less than that required by its MAOP due to corrosion must be replaced	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20418 Remedial measures. (Sour Gas)
38. Replacement Program	Part 192.309	During new construction In repairing a sour gas pipeline, full cylindrical sections of pipe are to be removed and replaced	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20411 Repair of steel pipe. (Sour Gas)
39. Replacement Program	Part 192.717	For existing pipelines, In repairing a sour gas pipeline, full cylindrical sections of pipe are to be removed and replaced	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20429 Repair of steel pipe. (Sour Gas)
40. Replacement Program	Part 192.711	Temporary repairs on sour gas pipelines are not allowed. A damaged pipeline shall be taken out of repair until a permanent repair can be made	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20428 Prohibition on temporary repairs. (Sour Gas)
41. Replacement Program	Part 192.613	Replacement/ enhancement program for distribution and transmission pipe	Order U-16855, Exhibit A, dated 06/07/12	Exhibit A, Paragraph 5
42. Replacement Programs	Part 192.613	Main replacement program, eliminate pending corrosion work orders, remediate pending leaks, and move inside meters outside	Order U-16999 dated 04/16/13 U-15985 dated 06/03/10 U-16407 dated 9/13/11 U-16451 dated 09/13/11	Entire order Section X. Other Issues, Subsection A., Pipeline and System Safety Concerns Entire Order Entire Order





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
43. Replacement Programs	Part 192.613	Main replacement program for cast iron and unprotected steel	Order U-17169 dated May 29, 2013	Entire Order
44. Authority Beyond OPS	Part 192.167	In the event of an emergency shutdown, all sour gas released from sour gas pipeline facilities shall be flared to minimize danger	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20406 Compressor station; emergency shutdown. (Sour Gas)
45. Authority Beyond OPS	Part 192.1	Scope; Conversion of Existing Pipeline to Sour Gas Service	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20401 Scope; conversion of existing pipeline to sour gas service. (Sour Gas)
46. Authority Beyond OPS	Part 192.9	Gives Authority to Regulate Corporations Transporting or Selling Natural Gas and orders specifically require pipelines built, including gathering lines, to be designed and constructed in accordance with the safety standards	1929 PA 9, Michigan Compiled Law 483 and related Orders	Orders authorizing the construction of pipelines
47. Extending LDC responsibility	Part 192.703	Master meter systems are required to be operated by the gas distribution utility	Order U-4211, dated 04/29/74	Order, Exhibit A
48. External/Internal Corrosion	Part 192.475	Requires analysis of corrosive effects of sour gas before transporting	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20416 Internal corrosion control; generally. (Sour Gas)
49. External/Internal Corrosion	Part 192.477	Requires internal corrosion monitoring intervals of sour gas systems 4 times per year initially until sufficient monitoring schedule is developed	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20417 Internal corrosion control; monitoring. (Sour Gas)
50. Design/Install Requirement	Part 192.751	Prior to welding near or in a vault, pit or other area containing gas facilities, an operator must check	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20330 Prevention of accidental ignition.





Michigan

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		for the presence of a combustible gas mixture.		
51. Design/Install Requirements	Part 192.739	Any fenced area containing a meter or regulator station shall have an alternate means of exit in case of emergency	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20324 Fenced areas; alternate means of exit.
52. Design/Install Requirements	Part 192.55	Materials for Pipe and Components used in sour gas systems must meet requirements in the National Association of Corrosion Engineers International Standard NACE MR0175/ISO 15156, 2004-2007	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20402 Materials for pipe and components; requirements. (Sour Gas)
53. Design/Install Requirements	Part 192.105	Steel Pipe Design Formula; Sour Gas pipeline must design factor of 0.40 (Class 4)	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20403 Steel pipe; design formula. (Sour Gas)
54. Design/Install Requirements	Part 192.163	Operators must identify all emergency valves and controls by signs. Fuel gas lines must have master shutoff valves located outside of a building, and have pressure limiting devices as to limit pressure to 10% over MAOP.	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20302 Compressor station piping.
55. Design/Install Requirements	Part 192.187	Underground vaults are to be fitted with ventilation ducts that prevent foreign matter from entering the duct	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20303 Vault and pit sealing, venting, and ventilation
56. Design/Install Requirements	Part 192.225	Welder must be qualified under section IX of the ASME boiler and pressure vessel code, or section 5 of API Standard 1104, and Appendix B of API Standard 1104 and	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20304 Welding procedures





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		must be present on the jobsite		
57. Design/Install Requirements	Part 192.225	Sour gas welding procedures shall conform to NACE MR0175/ISO 15156, 2004-2007	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20408 Qualification of welding procedures. (Sour Gas)
58. Design/Install Requirements	Part 192.235	Preheating temperature required in procedures must be maintained throughout welding of pipe	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20307 Welding preheating
59. Design/Install Requirements	Part 192.241	100% of girth butt welds used in sour gas pipelines must be nondestructively tested	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20409 Inspection and testing of welds. (Sour Gas)
60. Design/Install Requirements	Part 192.243	Regulating stations, measuring stations and compressor stations must have 100% of butt welds nondestructively tested	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20306 Nondestructive testing
61. Design/Install Requirements	Part 192.273	Threaded joints disallowed in sour gas pipelines	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20410 Threaded joints. (Sour Gas)
62. Design/Install Requirements	Part 192.325	Sour gas pipelines shall maintain 48" clearance from all other underground structures or shall be protected from damage if clearance is not attainable	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20413 Underground clearances. (Sour Gas)
63. Design/Install Requirements	Part 192.327	Sour gas pipelines shall maintain 48" of cover	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20414 Cover. (Sour Gas)
64. Design/Install Requirements	Part 192.327	Sour gas pipelines shall avoid Class 3 and 4 locations and avoid using road rights of way	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20415 Pipeline location. (Sour Gas)
65. Design/Install Requirements	Part 192.453	Prohibits use of galvanized or aluminum pipe	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20310 Galvanized or aluminum pipe prohibited for





Michigan

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
				direct burial or submerged use
66. Design/Install Requirements	Part 192.629	Operators of sour gas pipelines must have a plan in place to address safety concerns involved with purging or blowing down a sour gas pipeline. Only qualified personnel shall perform the written procedures.	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20404 Purging of sour gas pipelines; plan; personnel. (Sour Gas)
67. Enhanced Record Keeping	Part 192.517	Class location and proposed MAOP at time of test must also be recorded and retained as part of test records	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20314 Test records
68. Enhanced Record Keeping	Part 192.603	Records shall be kept as to leak complaints and remediation of leaks	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20318 Gas leak investigation; establishment of service; customer leak complaint records.
69. Enhanced Record Keeping	Part 192.227	Requires all welding qualifications to be available on jobsite	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20305 Welder qualification records
70. Enhanced Record Keeping	Part 192.625	An operator required to odorize a pipeline must establish and maintain records to show compliance with the requirements of 49 CFR §192.625, including the quantity of odorant used and sampling of Odorization	Section 2 of 1969 PA 165, Michigan Compiled Law 483.152	R 460.20323 Odorization of gas; records maintenance
71. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections





National Association of Pipeline Safety Representatives





Minnesota

Key Stats

State Agency
Division
Department
Web
Regulated Intrastate Pipeline Systems
Regulated Master Meter Operators
Regulated LNG Systems
Regulated Hazardous Liquid Systems
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199

Department of Public Safety
Office of Pipeline Safety
Department of Public Safety
https://dps.mn.gov/divisions/ops/pages/default.aspx
83
1
2
3
30

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.5	Incident reporting criteria – significant media coverage is considered in the reportable event policy	Minnesota Statutes Chapter 299F Fire Marshal , Section 63	299F.63 (1)(b) Records, Reports, Inspections https://dps.mn.gov/divisions/ops/forms-documents/Documents/MNOPS%20Reportable%20Events%20Policy.pdf
2. Enhanced Reporting	Part 191.5	Expanded reporting criteria includes any fire not caused by operator	Minnesota Statutes Chapter 299F Fire Marshal , Section 63	299F.63 (1)(b) Records, Reports, Inspections
3. Enhanced Reporting	Part 191.3 Part 192.614	Additional reporting requirements for MN OPS that are non-incident including: 3 rd party damage reporting, building evacuations, status of condition of pipe and shared with municipalities served (pressure test results	Minnesota Statutes 299F Section 63 Minnesota Administrative Rules 7530.1500 Testing and Test Results	Reportable event policy and Alert Notice AL-04-2010 Reporting of Gas Pipeline Leaks Caused by Excavation https://dps.mn.gov/divisions/ops/forms-documents/Documents/Alert%202010-4%20Rev%208.pdf





			after reportable incident),		
4. Enhanced Reporting	Part 191.3	Requires giving notice to the MN OPS and affected municipality of any pressure tests 48 hours prior to test	Minnesota Administrative Rules Chapter 7530 Pipeline Safety Enforcement and Sanctions	7530.1500 Testing and Test Results Subpart 2 Notice	
5. Enhanced Reporting	Part 191.3	Require reports of outages of > 50 customers	Minnesota Statutes Chapter 299F Fire Marshal , Section 63	299F.63 (1)(b) Records, Reports, Inspections	
6. Enhanced Reporting	Part 192.1007(e)	Cast Iron/BS Replacement Reporting	Minnesota Statutes Chapter 299F Fire Marshal , Section 63	Survey Of Cast Iron Management And Replacement Program	
7. Enhanced Reporting	Advisory Bulletins 99-02(FR 12212) 02-07 (FR 70806) 08-02 (FR 51303)	Plastic pipe inventory,	MN OPS written Policy for all Operators		
8. Enhanced Reporting	Part 192.603	Electronic Access to MN OPS of most current O&M, Procedures, Operator Qualification Plan	Minnesota Statutes Chapter 299F Fire Marshal , Section 59 & Section 62	299F.59 Compliance With Standards. 299F.62 Plan To Operate And Maintain Gas Pipeline.	
9. Enhanced Reporting	Part 192.603	Operation & Maintenance Plans must be filed/approved with MNOPS	Minnesota Statutes Chapter 299F Fire Marshal , Section 59 & Section 62	299F.59 Compliance With Standards. 299F.62 Plan To Operate And Maintain Gas Pipeline	
10. Enhanced Reporting	Part 192.615	Emergency Response Plans must be filed/approved with MNOPS	Minnesota Statutes Chapter 299F Fire Marshal , Section 59 & Section 62	299F.59 Compliance With Standards. 299F.62 Plan To Operate And Maintain Gas Pipeline	
11. Enhanced Reporting	Part 192.603	Construction Standards must be filed/approved with MNOPS	Minnesota Statutes Chapter 299F Fire Marshal , Section 59 & Section 62	299F.59 Compliance With Standards. 299F.62 Plan To Operate And Maintain Gas Pipeline	
12. Enhanced Reporting	Part 192.615	Provide Contact List for emergencies to Safety Inspectors,	Inspection protocol	Operator contacts maintained in OPS System	





Minnesota

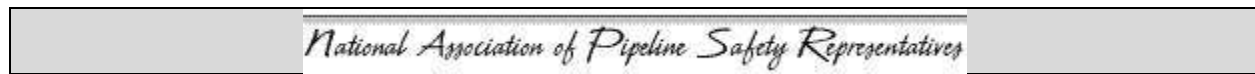
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13. Enhanced Reporting	Part 192.615	Reporting of Response Times Emergency/Odor Complaints/Leaks	Policy	Emergency response reporting form
14. Enhanced Reporting	Part 191.22	Requires notification of change of ownership, merger, acquisition	Policy	All pipeline operators must set up an account with meters and miles reported
15. Enhanced Reporting	Part 192.305	Projects, Extensions, Improvements to Capital of Gas Utility	Policy	Operators file reports of construction activities
16. More Direct Oversight	Part 192.305	More direct oversight of construction activities (or reports to allow same)	Policy	Operators file reports of construction activities
17. More Direct Oversight	Part 192.237 Part 192.605 Part 192.617 Part 192.803	Amendments of OQ, O&M plans required after incidents	Minnesota Statutes Chapter 299F Fire Marshal , Section 59 & Section 62	Inadequate procedures must be amended
18. Damage Prevention	Part 192.614	Enhanced damage prevention requirements as pipeline operators can only be member of single or specified One Call Ctr,	Minnesota Administrative Rules Chapter 7560 Excavation Notice System	7560.0300 Operator participates and shares costs
19. Damage Prevention	Part 192.614 Part 190.201	MNOPS enforces one call laws	Minnesota Administrative Rules Chapter 7560 Excavation Notice System	7560.040 Citations. MNOPS enforces one call laws
20. Damage Prevention	Part 192.614	7 methods specified for operators Preventing Sewer Service Lateral Cross Bores	MN OPS Alert Notice AL-01-2010, May 2010	https://dps.mn.gov/divisions/ops/forms-documents/Documents/Alert%20Notice%2001-2010.pdf
21. Meter Location /Protection	Part 192.317	MNOPS specification for Vehicle Impact Protection for meters	Alert Notice AL-02-2010 April 15, 2011	https://dps.mn.gov/divisions/ops/forms-documents/Documents/Alert%20Notice%2002-2010.pdf
22. Meter Location /Protection	Part 192.317	Customer Meters must be protected from snow and ice damage	Enforcement Policy	https://dps.mn.gov/divisions/ops/forms-documents/Documents/Alert%20Notice%2002-2010.pdf
23. Replacement Program	Part 192.489	CI/bare steel/copper replacement program (no rate adder)	Compliance Order	
24. Replacement Program	Part 192.703(b)	Plastic replacement program – response to issues regarding	Compliance Order	





		Century Pipe replacement program and mechanical fitting replacement program		
25. Replacement Program	Part 192.353	Relocate/Replace Inside Meters to Outside Meters	Compliance Orders	Associated with failure to have readily accessible shut off valve
26. Design/Install Requirements	Part 192.616	Minimum Model Setback Ordinance for local municipalities established for pipelines installed after 1991 that limits building within any pipeline easement	Minnesota Administrative Rules Chapter 7530 Pipeline Safety Enforcement	7535.0500 Model Setback Ordinance Subpart 3
27. Risk Based Approaches	Part 192.614 Part 192.1007	Inline inspections required to reveal cross bore of sewer laterals	MN OPS Alert Notice AL-01-2010, May 2010	Alert Notice AL-01-2010
28. State Inspection Program	Part 191.22	State to maintain GIS database of pipeline operators	Minnesota Statutes Chapter 299F Fire Marshal , Section 59	Commissioner's duties and powers
29. State Inspection Program	Part 190.203	Inspections focused by risk	Program Plan – OPS System	Risk based inspection plan
30. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections





Mississippi

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Mississippi

Key Stats

State Agency	Mississippi Public Service Commission
Division	Pipeline Safety Division
Department	
Web	https://www.psc.ms.gov/pipeline/safety
Regulated Intrastate Pipeline Systems	75
Regulated Master Meter Operators	37
Regulated LNG Systems	0
Regulated LPG Operators	0
Regulated Hazardous Liquid Systems	0
Regulated Gathering Lines	1
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	6

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.3	Each utility shall maintain or have available a record of interruptions of service affecting a major division of its system in this state, including a statement of the time, duration and cause of the interruption. The Commission shall be notified within 4 hours of major interruptions	Title 39, Part III Rules And Regulations Governing Public Utility Service, Subpart 1: General Rules, Chapter 05: Continuity of Service Rule 5	100. Record Of Interruptions 110. Report To Commission
2. Enhanced Reporting	Part 192.305	All construction projects > \$8K must notify Commission in writing and at least 5 days in advance prior to construction date All operators shall provide MS 811, maps or information showing	Title 39, Part III Rules And Regulations Governing Public Utility Service, Subpart 4: Special Rules –Gas, Chapter 57.1: Reporting of Construction Work Rule 57.1.100	100 Reporting of Construction Work





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		the location of the underground facilities. The maps or information must be updated annually		
3. Operating Pressure	Part 192.623	Gas pressure supplied at the point of delivery shall not drop below one-half of normal pressure or exceed twice the normal pressure	Title 39, Part III Rules And Regulations Governing Public Utility Service, Subpart 4: Special Rules –Gas, Chapter 52: Pressure Rule 52.1.105	105 Variation
4. Training	Part 192.801	For Operators serving less than 20K customers and master meter operators: shall have either 121 hours of training or 136 hours of training with specified minimum classroom requirements and continuing educational requirements Intrastate transmission operators with <100 miles of pipeline are required to have a individually named operator	Title 39, Part III Rules And Regulations Governing Public Utility Service, Subpart 4: Special Rules –Gas, Chapter 57.2: Natural Gas Qualification Program Purpose and Applicability, Rule 57.2	105 Operator Qualifications:
5. Enhanced Record Keeping	Part 192.605	Each utility shall keep and maintain reasonably adequate maps, plans, and records of its distributing system, showing the size, character, and location of each main or district regulator, street valve and drip. The utility shall endeavor to keep its records complete by making entries whenever its operations disclose the location of	Title 39, Part III Rules And Regulations Governing Public Utility Service, Subpart 1: General Rules, Chapter 04: System Operation and Records Rule 4	115 Maps





Mississippi

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
6. State Inspection Program	Part 190.203	facilities not already accurately recorded More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections

National Association of Pipeline Safety Representatives





Missouri

Key Stats

State Agency	Missouri Public Service Commission
Division	Industry Analysis Division
Department	Safety Engineering Department
Web	http://psc.mo.gov/General/Pipeline_Safety
Regulated Intrastate Pipeline Systems	62 operators (8 Private distribution systems/41 Municipal distribution systems/13 Intrastate Transmission (11 private, 2 municipal).
Regulated Master Meter Operators	15
Regulated LNG Systems	2 (temporary, mobile for winter peak demand)
Regulated Hazardous Liquid Systems	0
Regulated LPG Operators	0
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	73

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.5	Require notification of state reportable incidents within 2 hrs	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.020(4) Incident, Annual and Safety-Related Condition Reporting Requirements
2. Enhanced Reporting	Part 191.5	Require notification if damages \$10,000	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.020(4) Incident, Annual and Safety-Related Condition Reporting Requirements
3. Enhanced Reporting	Part 191.9 Part 191.11 Part 191.15 Part 191.17	Incident and Annual Reports (transmission and distribution) must be submitted to MOPSC	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and	20 CSR 4240-40.020(6), (7), (9), and (10) Incident, Annual and Safety-Related





Missouri

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
4. Enhanced Reporting	Part 191.11	State Report...number of odor calls, active leaks (by class), repaired leaks (by class, by material, and by cause), and classification of 3 rd party damages	Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards Agreement	Condition Reporting Requirements
5. Enhanced Reporting	Part 192.15	Require submission of all required program plans to designated commission personnel, including Welding Procedures and Joining Procedures. In addition, each change must be submitted within 20 days after change is made	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(1)(J)1. Safety Standards—Transportation of Gas by Pipeline – General
6. Enhanced Reporting	Part 192.15	Require filing of all required programs with Commission including Construction Standards. In addition, each change must be submitted within 20 days after change is made	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(1)(J)1. Safety Standards—Transportation of Gas by Pipeline – General
7. Enhanced Reporting	Part 192.15	Require filing of all required programs with Commission including Corrosion Control Procedures. In addition, each change must be submitted within 20 days after change is made	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(1)(J)1. Safety Standards—Transportation of Gas by Pipeline – General
8. Enhanced Reporting	Part 192.15	Require filing of all required programs with Commission	Missouri Code of State Regulations, Title 20 Rules of	20 CSR 4240-40.030(1)(J)1. Safety Standards—





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		including Damage Prevention Program. In addition, each change must be submitted within 20 days after change is made	Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	Transportation of Gas by Pipeline – General
9. Enhanced Reporting	Part 192.15	Require filing of all required programs with Commission including Emergency Procedures. In addition, each change must be submitted within 20 days after change is made	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(1)(J)1. Safety Standards—Transportation of Gas by Pipeline – General
10. Enhanced Reporting	Part 192.15	Require filing of all required programs with Commission including Public Awareness or Public Education Program. In addition, each change must be submitted within 20 days after change is made	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(1)(J)1. Safety Standards—Transportation of Gas by Pipeline – General
11. Enhanced Reporting	Part 192.15	Require filing of all required programs with Commission including Operator Qualification Program. In addition, each change must be submitted within 20 days after change is made	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(1)(J)1. Safety Standards—Transportation of Gas by Pipeline – General
12. Enhanced Reporting	Part 192.15	Require filing of all required programs with Commission including any Replacement Program. In addition, each change must be submitted within 20 days after change is made	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(1)(J)1. Safety Standards—Transportation of Gas by Pipeline – General





Missouri

State Page Last Revised: Jan 2020

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
13. Enhanced Reporting	Part 192.15	Require filing of all required programs with Commission including Transmission Integrity Management Program. In addition, each change must be submitted within 20 days after change is made	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(1)(J)1. Safety Standards—Transportation of Gas by Pipeline – General
14. Enhanced Reporting	Part 192.15	Require filing of all required programs with Commission including Operation and Maintenance Procedures. In addition, each change must be submitted within 20 days after change is made	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(1)(J)1. Safety Standards—Transportation of Gas by Pipeline – General
15. Enhanced Reporting	Part 192.15	Requires that all operators must establish and submit welding procedures, joining procedures, and construction specifications and standards to designated personnel before construction activity begins	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(1)(J)2. Safety Standards—Transportation of Gas by Pipeline – General
16. Enhanced Reporting	Part 192.15	. Requires that a written plan for drug and alcohol testing be submitted to designated commission personnel	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(1)(J)3. Safety Standards—Transportation of Gas by Pipeline – General
17. More Direct Oversight	Part 192.3	Additional/expanded definitions for “low pressure distribution system”, “hoop stress”, “fuel lines”, “feeder lines”, “CGI	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division	20 CSR 4240-40.030(1)(B) Safety Standards—Transportation of Gas by Pipeline – General





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		reading”, “sustained reading”, “follow up inspection” “high pressure distribution system” “Reading”, “Transportation of Gas”, “Tunnel”, “Vault”, “Yard Line”	4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	
18. More Direct Oversight	Part 192.740	Missouri is enforcing the requirements of 192.740 (farm taps)	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(13)(BB) Safety Standards—Transportation of Gas by Pipeline - Maintenance
19. More Direct Oversight	Part 192.603	Each operator is responsible for ensuring that all work completed on its pipelines by its consultants and contractors complies with this rule (rule meaning 20 CSR 4240-40.030)	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(12)(B)3. Safety Standards—Transportation of Gas by Pipeline – General Provisions
20. Valves	Part 192.181	Distribution valves spaced to provide isolation zones sized so operator can relight in 8 hours	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(4)(V) Safety Standards—Transportation of Gas by Pipeline - Design of Pipeline Components
21. Valves	Part 192.199	Additional requirements to prevent unauthorized operation of valves that will make pressure relief inoperative, bypass a regulator or relief device, or cause the	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter	20 CSR 4240-40.030(4)(EE)8. Safety Standards—Transportation of Gas by Pipeline - Design of Pipeline Components





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		regulator or over-pressure protection device to be inoperative	40 Gas Utilities and Gas Safety Standards	
22. Valves	Part 192.747	Feeder line and distribution valves must be checked for accessibility annually and metallic valves must be partially operated every other year	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(13)(V) Safety Standards—Transportation of Gas by Pipeline - Maintenance
23. Pressure Testing	Part 192.553	Pressure to which pipeline is raised during uprating is the “test pressure” that must be divided by the appropriate factors in 192.619(a)(2)	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(11)(B)5. Safety Standards—Transportation of Gas by Pipeline - Uprating
24. Operating Pressure	Part 192.197	If distribution pressure > 14” WC, service regulator must have relief or OPP device capable of limiting pressure to “max. safe value” to customer	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240 40.030(4)(DD)1. Safety Standards—Transportation of Gas by Pipeline - Design of Pipeline Components
25. Operating Pressure	Part 192.197	If service regulator and monitor regulator used, must install device to indicate failure of service regulator and must be monitored	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240 40.030(4)(DD)2. Safety Standards—Transportation of Gas by Pipeline - Design of Pipeline Components
26. Damage Prevention	Part 192.614	Notification of public along a pipeline and excavators must be at least semi-annual	Missouri Code of State Regulations, Title 20 Rules of Department of	20 CSR 4240-40.030(1)(I) Safety Standards—





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	Transportation of Gas by Pipeline – General
27. Operator Qualifications	Part 192.803(b)	“Evaluation” consists of training and examination. Examination must be conducted by one or more of written, oral, or hands-on evaluation (work history review is not allowed as form of examination)	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(12)(D)2. Safety Standards—Transportation of Gas by Pipeline - Operations
28. Operator Qualifications s	Part 192.805	Additional knowledge and skills required	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(12)(D)4. Safety Standards—Transportation of Gas by Pipeline - Operations
29. Operator Qualifications	Part 192.805	Additional requirements for trainers/evaluators	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(12)(D)5-7 Safety Standards—Transportation of Gas by Pipeline - Operations
30. Operator Qualifications	Part 192.805	Sets maximum interval for requalification of individuals on covered tasks	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(12)(D)3. Safety Standards—Transportation of Gas by Pipeline - Operations





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
31. Meter Location/Protection	Part 192.351 Part 192.361	Service lines installed to building and owned, operated, and maintained by the operator	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(8)(B) Safety Standards—Transportation of Gas by Pipeline Customer Meters, Service Regulators and Service Lines
32. Odorant	Part 192.625	Natural gas in <u>all</u> intrastate transmission, distribution, and feeder lines must be odorized	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(12)(P) Safety Standards—Transportation of Gas by Pipeline - Operations
33. Odorant	Part 192.625	<u>Monthly</u> odor intensity test required	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(12)(P) Safety Standards—Transportation of Gas by Pipeline - Operations
34. Odorant	Part 192.625	<u>Yearly</u> checks at individually odorized service lines	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(12)(P) Safety Standards—Transportation of Gas by Pipeline - Operations
35. Leak Tests	Part 192.721	Feeder line (distribution >100 psig) shall be patrolled annually	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter	20 CSR 4240-40.030(1)(B) Safety Standards—Transportation of Gas by Pipeline - General





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			40 Gas Utilities and Gas Safety Standards	
36. Leak Tests	Part 192.723	Annual leak survey for unprotected steel pipelines, 3-year leak survey for all other pipelines including service lines, and 3-year leak survey for buried high-pressure fuel lines	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(13)(M)2.B Safety Standards—Transportation of Gas by Pipeline - Maintenance
37. Leak Tests	Part 192.725	If service line disconnected for the main/transmission line due to 3 rd party damage, line must be leak tested from disconnection to main/transmission line	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(13)(N)4. Safety Standards—Transportation of Gas by Pipeline - Maintenance
38. Leak Tests	Part 192.1007(d) Part 192.723	Test subsurface atmosphere using gas detection equipment at specified locations when operator conducts work at customer premises	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(14)(B)6. Safety Standards—Transportation of Gas by Pipeline – Gas Leaks
39. Response to Leaks	Part 192.1007(d) Part 192.723	Each operator detected leak or any leak reported to the operator or notification of damage to facilities requires immediate investigation and classification of the leak	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(14)(B)1. Safety Standards—Transportation of Gas by Pipeline – Gas Leaks
40. Response To Leaks	Part 192.1007(d) Part 192.723	Except for obviously hazardous leaks, all leak classifications shall be substantiated by use of gas detection equipment	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division	20 CSR 4240-40.030(14)(B)2-5. Safety Standards—Transportation of Gas by Pipeline – Gas Leaks





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	
41. Response to Leaks	Part 192.1007(d) Part 192.723	Restrictions on downgrading leak classifications, requirement for follow-up investigation for Class 1 and Class 2 repairs. Requires recheck repair of Class 2 leaks in 15 days	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(14)(C) for downgrading 20 CSR 4240-(14)(B)(5) for follow ups 4CSR 240-40.030(14)(C)2. for CL 2 rechecks Safety Standards—Transportation of Gas by Pipeline – Gas Leaks
42. Replacement Programs	Part 192.755	When CI is disturbed or a nearby excavation places CI in angle of repose, the CI must be replaced	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(13)(Z) Safety Standards—Transportation of Gas by Pipeline – Maintenance
43. Replacement Programs	Part 192.487 Part 192.489	Extensive requirements for replacement of unprotected steel service lines and yard lines...annual leak surveys and 10% replacement	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(15)(C) Safety Standards—Transportation of Gas by Pipeline – Replacement Programs
44. Replacement Programs	Part 192.487 Part 192.489	Extensive requirements for replacement of cast iron mains and service lines	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(15)(D) Safety Standards—Transportation of Gas by Pipeline – Replacement Programs





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
45. Replacement Programs	Part 192.487 Part 192.489	Develop prioritized replacement program (approved by Commission) based on factors in regulation-replacement/CP of unprotected steel transmission lines, feeder lines and mains	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(15)(E) Safety Standards—Transportation of Gas by Pipeline – Replacement Programs
46. Replacement Programs	Advisory Bulletins 99-02 (FR 12212) 02-07 (FR 70806) 08-02 (FR 51303)	Required replacement of Aldyl A plastic for vintages upto and including 1985for an operator based on incident investigation and leakage rates	Missouri Public Service Commission Order 5/28/2010 referencing Docket No. GS-2005-0257	Joint Recommendation of Replacement by Staff and Operator dated 5/18/2010
47. Replacement Programs	Part 192.487 Part 192.489	Requires operators to replaced or eliminate all Cast Iron and Unprotected Steel services from pipeline systems	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(15) Safety Standards—Transportation of Gas by Pipeline – Operations
48. Replacement Programs	Part 192.311	Requires removal of each leak, imperfection or damage that impairs serviceability of plastic pipe discovered during maintenance to be removed (in addition to during construction)	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(13)(AA). Safety Standards—Transportation of Gas by Pipeline - Maintenance
49. Extended LDC Responsibility	Part 192.616	Public notified semi-annually. Customers notified by mail semi-annually. Message on customer bill 9 times/year	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(12)(K) Safety Standards—Transportation of Gas by Pipeline - Operations





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
50. Extending LDC Responsibility	Part 192.511	When gas is physically turned on to a customer, a test for leakage of customer owned piping at delivery pressure and-visual inspection of exposed, accessible customer piping and equipment is required	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(12)(S) Safety Standards—Transportation of Gas by Pipeline - Operations
51. Extending LDC Responsibility	Part 192.616	When providing service to a new customer or customer that relocates to a different operating district, requires customer notification of how to contact operator to report gas odor	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(1)(L) Safety Standards—Transportation of Gas by Pipeline - General, and 20 CSR 4240-40.030(12)(S)2
52. External/Internal Corrosion	Part 192.481	Requires protection within 12 months if AC found during an inspection	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(9)(Q). Safety Standards—Transportation of Gas by Pipeline - Corrosion Control
53. Cathodic Protection	Part 192.455	Missouri does not adopt exception provided in 49 CFR 192.455(b) allowing operators to demonstrate by test, investigation or experience that a corrosive environment does not exist	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(9)(D) Safety Standards—Transportation of Gas by Pipeline - External Corrosion Control – Buried or submerged pipelines installed after July 31, 1971
54. Cathodic Protection	Part 192.457(a)	Missouri does not adopt exception provided in 49 CFR 192.457(a) for cathodic protection of buried piping at compressor, regulator	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service	20 CSR 4240-40.030(9)(E)1. Safety Standards—Transportation of Gas by Pipeline - External Corrosion Control – Buried or





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		and measuring stations	Commission, Chapter 40 Gas Utilities and Gas Safety Standards	submerged pipelines installed after July 31, 1971
55. Cathodic Protection	Part 192.457(b)	Additionally requires cathodic protection of pre August 1, 1971 coated feeder lines and mains not in excess of 100 feet, and bare or coated service lines that are not included in a commission approved replacement program	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	40.030(9)(E)2. Safety Standards—Transportation of Gas by Pipeline - External Corrosion Control – Buried or submerged pipelines installed after July 31, 1971
56. Cathodic Protection	Part 192.465	Short sections monitored 20% per year (instead of 10%)	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(9)(I)1. Safety Standards—Transportation of Gas by Pipeline - Requirements for Corrosion Control
57. Cathodic Protection	Part 192.465	Corrective measures completed in 6 months	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(9)(I)4. Safety Standards—Transportation of Gas by Pipeline - Requirements for Corrosion Control
58. Cathodic Protection	Part 192-Appendix D	Specific requirements to adequately compensate (not just “consider”) for voltage (IR) drops. Must... -take reading when current interrupted on impressed system -disconnect anodes to take reading or take reading at location out of the direct influence of the anodes	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030 Appendix D Safety Standards—Transportation of Gas by Pipeline - Criteria for Cathodic Protection and Determination of Measurements





Missouri

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
59. Design/Install Requirements	Part 192.53	Only steel and PE piping can be used for construction	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(1)(J) Safety Standards—Transportation of Gas by Pipeline - General
60. Design/Install Requirements	Part 192.181	Inlet <u>and</u> outlet valve required at regulator station	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(4)(V) Safety Standards—Transportation of Gas by Pipeline - Design of Pipeline Components
61. Design/Install Requirements	Part 192.199	Adequate Over Pressure Protection <u>at</u> each town border station and district regulator station regardless of installation date	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(4)(EE)9. Safety Standards—Transportation of Gas by Pipeline - Design of Pipeline Components
62. Design/Install Requirements	Part 192.199	If regulator and monitor regulator used, must install device to indicate failure of operating regulator and must be monitored	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(4)(EE)10. Safety Standards—Transportation of Gas by Pipeline - Design of Pipeline Components
63. Design/Install Requirement	Part 192.112 Part 192.328 Part 192.611 Part 192.620	Missouri rules do not have provisions for an MAOP to be established at higher than 72% of SMYS (did not adopt federal alternative MAOP)	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter	20 CSR 4240-40.030 Safety Standards—Transportation of Gas by Pipeline





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		allowing up to 80% of SMYS)	40 Gas Utilities and Gas Safety Standards	
64. Design/Install Requirement	Part 192.123	Design pressure for plastic pipe may not exceed a gauge pressure of 100 psig (federal provisions allowing higher design pressures not adopted)	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(3)(J) Safety Standards—Transportation of Gas by Pipeline – Pipe Design
65. Design/Install Requirements	Part 192.351 Part 192.307	Service line must be constructed in accordance with comprehensive written specifications and construction must be inspected	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standard	20 CSR 4240-40.030(8)(A) Safety Standards—Transportation of Gas by Pipeline - Customer Meters, Service Regulators and Service Lines
66. Design/Install Requirements	Part 192.375	Plastic pipe that is installed in a below grade vault or pit must be completely encased in a gastight metal pipe and fittings that are adequately protected from corrosion. This applies to services not just mains.	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(8)(M)3. Safety Standards—Transportation of Gas by Pipeline - Service Lines, Plastic
67. Design/Install Requirements	Part 192.375	Plastic pipe must be installed so as to minimize shear or tensile stresses. This applies to services not just mains.	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(8)(M)4. Safety Standards—Transportation of Gas by Pipeline - Service Lines, Plastic
68. Design/Install Requirements	Part 192.375	Specifies minimum wall thicknesses for thermoplastic pipe that is not encased.	Missouri Code of State Regulations, Title 20 Rules of Department of	420 CSR 4240-0.030(8)(M)5. Safety Standards—





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		This applies to services not just mains.	Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	Transportation of Gas by Pipeline - Service Lines, Plastic
69. Design/Install Requirements	Part 192.375	Requires that plastic pipe being encased must be inserted into casing pipe in a manner that will protect the plastic, and that the leading end of the plastic be closed before insertion This applies to services not just mains.	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(8)(M)6. Safety Standards—Transportation of Gas by Pipeline - Service Lines, Plastic
70. Enhanced Record Keeping	Part 192.709	For feeder lines, mains, and service lines, each operator shall maintain detailed records pertaining to each original leak report, leak investigation, leak classification , leak surveys, line patrols for not less than six (6) years ; and must be able to have sufficient detail to correspond to annual DOT reports (Not just transmission lines)	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(13)(F)2. Safety Standards—Transportation of Gas by Pipeline - Maintenance
71. Enhanced Record Keeping	Part 192.491	Corrosion Control records – operator must develop and maintain maps showing specific CP facilities	Missouri Code of State Regulations, Title 20 Rules of Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	20 CSR 4240-40.030(9)(I). Safety Standards—Transportation of Gas by Pipeline - Criteria for Cathodic Protection and Determination of Measurement
72. Enhanced Record Keeping	Part 192.517	Retain Strength Test records for service	Missouri Code of State Regulations, Title 20 Rules of	20 CSR 4240-40.030(10)(I). Safety Standards—

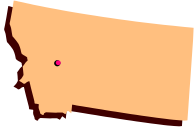




Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		lines similar to main requirements	Department of Commerce and Insurance, Division 4240 Public Service Commission, Chapter 40 Gas Utilities and Gas Safety Standards	Transportation of Gas by Pipeline - Test Requirements
73. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections

National Association of Pipeline Safety Representatives





Montana

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Montana

Key Stats

State Agency	Montana Public Service Commission
Division	Regulatory
Department	Public Service Regulation
Web	http://psc.mt.gov/Public-Safety/Pipeline-Safety
Regulated Intrastate Pipeline Systems	11 (6 distribution + 5 intrastate)
Regulated Master Meter Operators	4
Regulated LNG Systems	1
Regulated Hazardous Liquid Systems	0
Regulated LPG Systems	5
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	2

Applicable Requirement in CFR

	Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1.	Replacement Program	Part 192.1007	Energy West Montana Gas Infrastructure Reliability Clause-(GIRC) requires replacement of all Aldyl A PE pipe installed prior to 1984 and other pipe identified in their DIMP plan (mechanically coupled steel mains and services) with rate adder.	Montana Public Service Commission September 26, 2018 Docket No. D2017.9.80, Order No. 7575c	Order No. 7575c
2.	State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits.	None	Inspection Forms and Frequency Operator Inspections

National Association of Pipeline Safety Representatives





Nebraska

Key Stats	
State Agency	Nebraska State Fire Marshal
Division	Fuels / Pipeline Safety
Department	
Web	https://sfm.nebraska.gov/fuels-safety/pipeline-safety
Regulated Intrastate Pipeline Systems	34
Regulated Master Meter Operators	0
Regulated LNG Systems	0
Regulated Hazardous Liquid Systems	0
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	11

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.5	Reportable incident includes “Any failure which results in the explosion or ignition of natural gas before or after the meter”	Chapter 1 Regulations Pursuant to the NE Natural Gas pipeline safety Act of 1969; section 002; Neb. Rev. Stat. 81-542 to 81-550 (2009) (revised August 08 2019)	State Fire Marshal Title 155 Chapter 1.002.01E
2. Enhanced Reporting	Part 191.5	Reportable Occurrence includes an occurrence that results in a natural gas release due to over-pressure, excavation damage, outside force damage, or natural force damage. Natural force includes but is not limited to earth movement; earthquakes; lightning; flooding; high winds; tornado; or similar natural causes	Chapter 1 Regulations Pursuant to the NE Natural Gas pipeline safety Act of 1969; section 004.01 Neb. Rev. Stat. 81-542 to 81-550 (2009) (revised August 08 2019)	State Fire Marshal Title 155 Chapter 1.004.01
3. Enhanced Reporting	Part 191.5	Reportable Occurrence includes an occurrence that has or will interrupt natural gas	Chapter 1 Regulations Pursuant to the NE Natural Gas pipeline safety Act of 1969;	State Fire Marshal Title 155 Chapter 1.004.02





Nebraska

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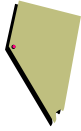
Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		service to 50 or more customers. This does not include scheduled or planned maintenance	section 002.01Aiii; Neb. Rev. Stat. 81-542 to 81-550 (2009) (revised August 08 2019)	
4. Enhanced Reporting	Part 191.5	Reportable Occurrence includes an occurrence related to a natural gas release that results in the evacuation of: four or more one or two family dwellings; or one or more multifamily dwelling; or any evacuation of a business, public building or public gathering	Chapter 1 Regulations Pursuant to the NE Natural Gas pipeline safety Act of 1969; section 004.03; Neb. Rev. Stat. 81-542 to 81-550 (2009) (revised August 08 2019)	State Fire Marshal Title 155 Chapter 1.004.03
5. Enhanced Reporting	Part 191.9	Each report required by Title 49 Code of Federal Regulations, Part 191 adopted herein shall be submitted in duplicate to Nebraska State Fire Marshal Pipeline Safety Division.	Chapter 1 Regulations Pursuant to the NE Natural Gas pipeline safety Act of 1969; section 005; Neb. Rev. Stat. 81-542 to 81-550 (2009) (revised August 08 2019)	State Fire Marshal Title 155 Chapter 1.005
6. Enhanced Reporting	Part 192.603	Effective February 13, 2020 each operator shall provide the following documents to the Nebraska State Fire Marshal Pipeline Safety Division in an acceptable digital format: Operations and Maintenance Procedures	Chapter 1 Regulations Pursuant to the NE Natural Gas pipeline safety Act of 1969; section 006; Neb. Rev. Stat. 81-542 to 81-550 (2009) (revised August 08 2019)	State Fire Marshal Title 155 Chapter 1.006.01
7. Enhanced Reporting	Part 192.603	Effective February 13, 2020 each operator shall provide the following documents to the Nebraska State Fire Marshal Pipeline Safety Division in an acceptable digital format: Emergency Plans	Chapter 1 Regulations Pursuant to the NE Natural Gas pipeline safety Act of 1969; section 006; Neb. Rev. Stat. 81-542 to 81-550 (2009) (revised August 08 2019)	State Fire Marshal Title 155 Chapter 1.006.01





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
8. Enhanced Reporting	Part 192.614	Effective February 13, 2020 each operator shall provide the following documents to the Nebraska State Fire Marshal Pipeline Safety Division in an acceptable digital format: Damage Prevention Plan	Chapter 1 Regulations Pursuant to the NE Natural Gas pipeline safety Act of 1969; section 006; Neb. Rev. Stat. 81-542 to 81-550 (2009) (revised August 08 2019)	State Fire Marshal Title 155 Chapter 1.006.01
9. Enhanced Reporting	Part 191.29	Effective February 13, 2020 each operator shall provide the following documents to the Nebraska State Fire Marshal Pipeline Safety Division in an acceptable digital format: Operation Maps for distribution and transmission systems shall be submitted every five (5) years or as requested	Chapter 1 Regulations Pursuant to the NE Natural Gas pipeline safety Act of 1969; section 006; Neb. Rev. Stat. 81-542 to 81-550 (2009) (revised August 08 2019)	State Fire Marshal Title 155 Chapter 1.006.02
10. Enhanced Reporting	Part 191.22	Within (7) Calendar days after a gas operator changes ownership of a natural gas system or a gas operator makes changes in operational or maintenance provider ship, the gas operator shall give notice to the Nebraska State Fire Marshal Pipeline Safety Section	Chapter 1 Regulations Pursuant to the NE Natural Gas pipeline safety Act of 1969; section 008; Neb. Rev. Stat. 81-542 to 81-550 (2009) (revised August 08 2019)	State Fire Marshal Title 155 Chapter 1.008
11. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections





Nevada

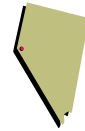
Key Stats

State Agency	Public Utilities Commission of Nevada
Division	Engineering Division
Department	Gas Pipeline Safety
Web	http://puc.nv.gov/Safety/Pipeline/
Regulated Intrastate Pipeline Systems	32
Regulated Master Meter Operators	1
Regulated LNG Systems	0
Regulated Hazardous Liquid Systems	0
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	8

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.3	Requires Incident Reports for any event that involves an evacuation of a person as a result of a gas leak, regardless of the property damage cost	Nevada Administrative Code, Chapter 704, Regulation of Public Utilities Generally, Subchapter: Accident Reports	NAC 704.230 Definitions.
2. Enhanced Reporting	Part 191.3	Requires Incident Reports for any event that involves any damage to a pipeline operating at a pressure above 100 PSI, regardless of the property damage cost	Nevada Administrative Code, Chapter 704, Regulation of Public Utilities Generally, Subchapter: Accident Reports	NAC 704.230 Definitions.
3. Enhanced Reporting	Part 191.5	Requires notification as soon as practicable, but within 4 hours, of outages on LPG or natural gas systems/pipelines that affect 10 or more customers	Nevada Administrative Code, Chapter 704, Regulation of Public Utilities Generally, Subchapter: Accident Reports	NAC 704.2575 Initial report; Submission; designated employee.
4. Enhanced Reporting	Part 191.11	Requires annual reports to be filed for LPG systems that affect 10 or more customers [not the 100 customers Fed level]	Nevada Administrative Code, Chapter 704, Regulation of Public Utilities Generally,	NAC 704.534 Annual report.





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Subchapter: Accident Reports	
5. More Direct Oversight	Part 192.1	Certificate of Public Convenience and Necessity is required for all LPG systems to construct and operate that have 10 or more customers	Nevada Administrative Code, Chapter 704, Regulation of Public Utilities Generally, Subchapter: Systems For Distribution Of Liquefied Petroleum Gas	NAC 704.532 Certificate of public convenience and necessity.
6. Replacement Program	Part 192.1007	Allows Gas Utilities to accelerate pipe replacement of higher risk/older vintage pipelines	Nevada Public Utilities Commission Order dated Sept 7, 2011, Docket No 11-03029	Attachment 1
7. Replacement Program	Part 190.213	Allows for the replacement of Master Meter systems with the LDC owned systems	Nevada Public Utilities Commission Order July 10, 2013, Docket No. 13-05060 Nevada Public Utilities Commission Order May 29, 2013, Docket No. 13-04002	See Individual Master Meter Replacement Orders For More Details. Docket Nos. 16-10026, 17-02040, and 17-04010.
8. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	None





New Hampshire

Key Stats

State Agency	New Hampshire Department of Energy
Division	Division of Enforcement
Department	Safety Bureau
Web	https://www.energy.nh.gov/enforcement/pipeline-safety
Regulated Intrastate Pipeline Systems	6
Regulated Master Meter Operators	1
Regulated LNG Systems	3
Regulated Hazardous Liquid Systems	0
Regulated LPG Operators	22
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	126

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.9	Requires Incident Reports of federal level within 20 days (not 30 days). Requires Incident Report at state level within 10 days	New Hampshire Code of Administrative Rules, Chapter Puc 500 Rules For Gas Service, Part Puc 504 Quality of Gas Service	Rule 504.06 (a) (1) Incident Reporting
			Part Puc 508 Safety, Accidents and Leak Requirements	Rule 508.03 (b) Accidents
			Part Puc 509 Forms required to be Filed	Rule 509.07 E-5 Utility Accident Report
			Part Puc 512 LP and Landfill Gas Safety Standards	Rule 512.06 (b) Incident Reporting Rule 512.07 (b) Accidents
2. Enhanced Reporting	Part 191.3	Requires Incident Reports at \$5K level	New Hampshire Code of Administrative Rules, Chapter Puc 500 Rules For Gas Service, Part Puc 504 Quality of Gas Service	Rule 508.03 (b) (4) Accidents Rule 504.05 (a)(1) c. Emergency Notification





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Part Puc 512 LP and Landfill Gas Safety Standards	Rule 512.07 b Accidents Rule 512.05 (a)(1) c. Emergency Notification
3.	Part 191.5	Requires notifications of all building evacuations involving gas	New Hampshire Code of Administrative Rules, Chapter Puc 500 Rules For Gas Service, Part Puc 504 Quality of Gas Service	Rule 504.05 (a) (3) Emergency Notifications
			Part Puc 512 LP and Landfill Gas Safety Standards	Rule 512.05 (a) (3) Emergency Notifications
4.	Part 191.5	Requires notifications of any outage occurring at a state, federal, or municipal facility, hospital, school or other facility in which the public could be affected	New Hampshire Code of Administrative Rules, Chapter Puc 500 Rules For Gas Service, Part Puc 504 Quality of Gas Service	Rule 504.05 (a) (5) Emergency Notifications
			Part Puc 512 LP and Landfill Gas Safety Standards	Rule 512.05 (a) (5) Emergency Notifications
5.	Part 192.614 Part 191.3	Requires filing of damage resulting from 3 rd party excavation with Commission	New Hampshire Code of Administrative Rules, Chapter Puc 800 Underground Utility Damage Prevention Program, Part Puc 804 Duties of Operators	Rule§ 804.01 (a) Reporting Requirements For Operators Of Underground Facilities
6.	Part 191.5	Requires notification of all security breaches that jeopardize the operation of a major facility	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 504 Quality of Gas Service	Rule 504.05 (a) (6) Emergency Notifications
7.	Part 191.5	Requires notification of a breach of security or other threat that jeopardizes the operation of a LP jurisdictional facility of aggregate capacity greater than 6,000 gallons	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 512 LP and Landfill Gas Safety Standards	Rule 512.05 (a) (6) Emergency Notifications





New Hampshire

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
8. Enhanced Reporting	Part 191.5	Requires notification of any gas facility-related event, that the utility is aware of or has reason to believe has been or will be reported in the news media, i.e. shutdown of a major highway, arterial roadway or rail system, or where a person identified as a news reporter was present	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 504 Quality of Gas Service	Rule 504.05 (a) (8) Emergency Notifications
9. Enhanced Reporting	Part 191.5	Requires notification of any inadequate odorization level	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 504 Quality of Gas Service	Rule 504.05 (a) (9) Emergency Notifications
10. Enhanced Reporting	Part 192.603 Part 192.305	Requires quarterly submission of organizational chart for duties involving design, operations, construction, maintenance, corrosion control, service, training, gas control, dispatch of field personnel and production of gas	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 14 Contact Information
11. Enhanced Reporting	Part 192.1007(e)	Requires annual report of Cast Iron & Bare Steel Replacement Reporting by Segment Location, Town, Diameter, Age, Pressure and expenditure	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 20 Cast Iron Bare Steel Replacement Program
12. Enhanced Reporting	Part 191.5	Requires Reports of all outages greater than 50 customer hours	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 504 Quality of Gas Service	Rule 504.05 (a) (4) Emergency Notifications Rule 512.05 (a) (4)





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Part Puc 512 LP and Landfill Gas Safety Standards	Emergency Notifications
13. Enhanced Reporting	Part 192.623	Requires Commission Notification of Pressure Complaints (too low/too high)	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 504 Quality of Gas Service	Rule 504.03 (g) Pressure Requirements
14. Enhanced Reporting	Part 192.623	Requires annual filing of a load Curtailment Plan for entire system	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 5 Load Curtailment Plan
15. Enhanced Reporting	Part 192.723	Requires Monthly Status Reports of Leak Summary for each classification of Leak: Quantity Repaired, Quantity Added Quantity Remaining	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 504 Quality of Gas Service	Rule 504.06 (a) (2) Incident Reporting
16. Enhanced Reporting	Part 192.723	Requires Monthly Report of Leaks on System with 14 associated items per leak to be submitted	Part Puc 509 Forms required to be Filed NH PUC Order May 30, 2012 Order # 25370 D# DG 11-040	Rule 509.15 (d) Status of Leaks Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 19 Leak Reporting
17. Enhanced Reporting	Part 191.11	Leaks classified as other on Form PHMSA F 7100.1-1, "Annual Report For Calendar Year 20__ - Gas Distribution System must be clearly explained	Part Puc 509 Forms required to be Filed New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 509 Forms Required to be Filed	Rule 509.15 (d) Status of Leaks Rule 509.15 (e) Status of Leaks Rule 509.15 (f) Status of Leaks





New Hampshire

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
18. Enhanced Reporting	Part 192.603	Requires electronic access of latest O&M Plans for Commission	NH PUC Order May 30, 2012 Order # 25370 D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 6 Internet/Intranet Access of Operations Manuals and Procedures
19. Enhanced Reporting	Part 192.603	Requires Annual filing of O&M Plans with Commission	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.02 (r) (3) Construction, Operations & Maintenance
20. Enhanced Reporting	Part 192.615	Requires Annual filing of Emergency Plans with Commission	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.02 (r) (3) Construction, Operations & Maintenance
21. Enhanced Reporting	Part 192.305	Requires Annual filing of Quality Assurance Plans with Commission	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 9 Outside Contractor Activities
22. Enhanced Reporting	Part 192.1005 Part 192.907	Requires filing of Integrity Management Plans (Distribution and Transmission) amendments with Commission	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.02 (t) (2) Construction, Operations & Maintenance
23. Enhanced Reporting	Part 192.616	Requires filing of Public Awareness Plan amendments with Commission	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.02 (t) (2) Construction, Operations & Maintenance





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
24. Enhanced Reporting	Part 192.805	Requires filing of Operator Qualification Plan amendments with Commission	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.02 (t) (2) Construction, Operations & Maintenance
25. Enhanced Reporting	Part 192.517	Pressure Tests must be conducted, recorded and submitted to the Commission for any change of 10% or more made in operating pressure	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.02 (q) Construction, Operations & Maintenance
26. Enhanced Reporting	Part 192.615	Requires Monthly Reporting of Response Times to Emergency/Odor Complaints /Leaks and sets criteria for acceptable Response Times and requires explanation of any exceedance with remedial actions to prevent reoccurrence	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040 NH PUC Order Oct 10, 2008 Order # 24906 D# DG 08-048 New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 504 Emergency Response	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 18 Emergency Response Time Standards Article VI, 6.6 Rule 504.06 (a) (2) Incident Reporting Rule 504.07 (b) Emergency Response Time Reporting
27. Enhanced Reporting	Part 192.615	Requires Monthly Reporting of each Response to Emergency/Odor Complaints /Leaks with 18 characteristics for each response to be included	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040 NH PUC Order Oct 10, 2008 Order # 24906 D# DG 08-048	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 18 Emergency Response Time Standards Article VI, 6.6





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
28. Enhanced Reporting	Advisory Bulletins 99-02 (FR 12212) 02-07 (FR 70806) 08-02 (FR 51303)	Requires Annual filing of failures for Plastic Aldyl A, Requires annual filing of pipe segments by street address and diameter, and age, (mains and services) containing Aldyl A and any remedial actions taken	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 13 Aldyl A Plastic Pipe
29. Enhanced Reporting	Part 191.11	Requires Annual Reporting of total Operational and Maintenance Activity Hours	NH PUC Order Oct 10, 2008 Order # 24906 D# DG 08-048	Article VI, 6.2
30. Enhanced Reporting	Part 192.305	Requires Annual Report of Proposed Project Additions, Extensions, Improvements to Capital of Gas Utility	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 509 Forms to be Filed by All Utilities	Rule 509.11 Capital Improvements
31. Enhanced Reporting	Part 191.11	Each LPG operator shall submit to the safety division within 30 days after notice of all newly installed, acquired, transferred or discontinued jurisdictional system	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 512 LP and Landfill Gas Safety Standards	Rule 512.03 Jurisdictional LP Gas Facilities Report
32. Enhanced Reporting	Part 192.319	Requires Safety Division 10 days notification prior to construction of any Railroad, Public Waters or Highway Xing if Operating Pressure is greater than 60 psig	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.02 (e) Construction, Operations & Maintenance
33. Enhanced Reporting	Part 192.305	Requires monthly updated list of names and contact information of company personnel designated to have responsibility for gas safety related issues and for the management and resolution of gas safety complaints	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 14 Contact Information
34. More Direct Oversight	Part 192.305	Requires a written Quality Assurance Plan for ensuring installation according to company	Requires Annual filing of Quality Assurance Plans with Commission	Rule 506.02 (v) Construction, Operations & Maintenance





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		construction practices and specifications		
35. More Direct Oversight	Part 192.305	Requires daily by 8:30 am reporting of construction activities for Commission inspections	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 14 Contact Information
		Requires weekly report of planned construction activities for following week inspections	NH PUC Order Oct 10, 2008 Order # 24906 D# DG 08-048	Article VI, 6.7
36. More Direct Oversight	Part 192.305	Limits span of control for oversight of outside construction crews	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 9 Outside Contractor Activities
		Minimum required in-house personnel to outside contractor at 1:4 ratio	NH PUC Order Oct 10, 2008 Order # 24906 D# DG 08-048	Article VI, 6.8
37. More Direct Oversight	Part 192.305	Requires inspection of outside construction crews by the pipeline operator	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.02 (r) (5) Construction, Operations & Maintenance
38. More Direct Oversight	Part 192.305 Part 192.605	Operator shall follow all written company policies, guidelines, construction specifications, technical instructions, training manuals, construction standards, procedure manuals, operation and maintenance plans, integrity management	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 7 Adherence to Company Written Procedures





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		plans, distribution integrity management plans, quality assurance plans, drug and alcohol plans, and any other written document that is equivalent in nature to those listed, that relate to the integrity of any distribution or transmission pipeline facility, LNG production or vaporization facility, LPG/Air production facility or LPG Bulk Tank Storage facility		
39. Valves	Part 192.181	Sets Criteria for locations of Critical Valves, limits maximum number of downstream customers affected and requires sectionalizing based on relighting completed within 12 hours	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 2 Designation of Critical Valves for Gas Pipelines
			NH PUC Order Oct 10, 2008 Order # 24906 D# DG 08-048	Article VI, 6.3
40. Valves	Part 192.181	Requires Critical valves sectionalizing at airports to minimize interruption of airport operations	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 2 Designation of Critical Valves for Gas Pipelines
41. Valves	Part 192.181	Sets specific criteria and locations of Critical Valves required at all rail, highway and water crossings, take stations and regulator stations	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 2





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
42. Valves	Part 192.181	Requires 60 day notification of change in quantity of Critical Valves if the amount is +/- 5%	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Designation of Critical Valves for Gas Pipelines Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 2 Designation of Critical Valves for Gas Pipelines
43. Valves	Part 192.181	Any valve that operates at greater than 60 psig shall be designated Critical Valve and maintained for rapid closure	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 2 Designation of Critical Valves for Gas Pipelines
44. Valves	Part 192.747	Any alternative Critical Valve that is found inoperable must meet designation criteria set for Critical Valves and defines remedial action to be taken within 60 days	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 3 Maintenance of Critical Valves
45. Valves	Part 192.747	Critical Valves must be readily accessible (not paved over or valve boxes full of debris)	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 3 Maintenance of Critical Valves
46. Valves	Part 192.747	Requires notification within 30 days of discovery of inoperable Critical Valve	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 3





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
				Maintenance of Critical Valves
47. Operating Pressure	Part 192.623	Limits pressures at outlet of meter to minimum of 4 in w.c. and maximum of 13.5 in w.c.	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 504 Quality of Gas Service	Rule 504.03 (a) (b) Pressure Requirements
48. Operating Pressure	Part 192.739	Operators shall inspect pressure regulating stations monthly to ensure proper operation and to confirm the proper operation of the regulating equipment	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.01 (p) Pipeline Safety Standards
49. Operating Pressure	Part 192.623	Limits pressures for LPG operators with pipe within a building to same as NFPA 54	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 512 LP and Landfill Gas Safety Standards	Rule 512.08 Construction, Operations & Maintenance
50. Operating Pressure	Part 191.5	Requires notification of any exceedance of maximum allowable operating pressure of any duration, including accidental overpressurizations	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 504 Quality of Gas Service	Rule 504.05 (a) (7) Emergency Notifications
51. Operating Pressure	Part 192.195 Part 192.197 Part 192.201 Part 192.203 Part 192.305	Identify all areas where multiple pressure mains coexist and update details including all services and identification of facilities, displaying pressure, installation date, pipe diameter, pipe material, and all fittings	Commission Directive Sept 28, 2018 to Avoid Potential Gas Line Over-Pressurizations following Columbia Gas Mass Distribution System Over-Pressurization at Merrimack Valley	Item 2
52. Operating Pressure	Part 192.195 Part 192.197 Part 192.201 Part 192.203 Part 192.305	Qualified personnel familiar with instrumentation and regulation who work at district regulators stations must be present when work is conducted in vicinity of those stations for 1st, 2nd, 3rd party excavations	Commission Directive Sept 28, 2018 to Avoid Potential Gas Line Over-Pressurizations following Columbia Gas Mass Distribution System Over-Pressurization at Merrimack Valley	Item 4
53. Operating Pressure	Part 192.195 Part 192.197	Documented Sign offs by construction, operating and	Commission Directive Sept 28, 2018 to Avoid	Item 2





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
	Part 192.201 Part 192.203 Part 192.305	engineering personnel are required for work plans where multiple pressure systems are located	Potential Gas Line Over-Pressurizations following Columbia Gas Mass Distribution System Over-Pressurization at Merrimack Valley	
54. Operating Pressure	Part 192.195 Part 192.197 Part 192.201 Part 192.203 Part 192.305	Develop Specific customized emergency actions/plans for each replacement/retirement/abandonment project	Commission Directive Sept 28, 2018 to Avoid Potential Gas Line Over-Pressurizations following Columbia Gas Mass Distribution System Over-Pressurization at Merrimack Valley	Item 1
55. Operating Pressure	Part 192.195 Part 192.197 Part 192.201 Part 192.203 Part 192.305	Review historical over pressurization incidents in other states and implement safe guards to prevent similar occurrence	Commission Directive Sept 28, 2018 to Avoid Potential Gas Line Over-Pressurizations following Columbia Gas Mass Distribution System Over-Pressurization at Merrimack Valley	Preface
56. Operating Pressure	Part 192.195 Part 192.197 Part 192.201 Part 192.203 Part 192.305	Priority must be given for record updates of any system at areas where multiple pressure pipelines co exist within same street block when any activity involving configurations changes is completed	Commission Directive Sept 28, 2018 to Avoid Potential Gas Line Over-Pressurizations following Columbia Gas Mass Distribution System Over-Pressurization at Merrimack Valley	Item 2
57. Operating Pressure	Part 192.195 Part 192.197 Part 192.201 Part 192.203 Part 192.305	Tertiary overpressure protection devices must be used on low pressure systems such as partial reliefs, full reliefs, slam-shut devices, and pressure monitoring	Commission Directive Sept 28, 2018 to Avoid Potential Gas Line Over-Pressurizations following Columbia Gas Mass Distribution System Over-Pressurization at Merrimack Valley	Item 1
58. Damage Prevention	Part 192.614 Part 190.221	States Commission Safety Division is enforcement authority for all underground damage prevention rules of NH	New Hampshire Code of Administrative Rules Chapter Puc 800 Underground Utility Damage Prevention	Rule 807.01 to Rule 807.07 Enforcement Authority





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Program, Part Puc 807 Enforcement Procedures	
			NH RSA 374.55	
59. Damage Prevention	Part 192.614	Limits Marking and Locator Duties to only In house Personnel (No outside Contractors are permitted)	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 10 Marking of Underground Facilities
			NH PUC Order Oct 10, 2008 Order # 24906 D# DG 08-048	Article VI, 6.5
60. Damage Prevention	Part 192.801 Part 192.614	Requires locators be trained to NULCA or equivalent and knowledgeable of NH Damage Prevention Regulations	New Hampshire Code of Administrative Rules, Chapter Puc 800 Underground Utility Damage Prevention Program, Part Puc 804 Duties of Operators	Rule 804.03 (a) Rule 804.03 (b) Training of Locators
61. Operator Qualifications	Part 192.803	Requires identifying and listing specific abnormal operating conditions for each covered task and providing master matrix to construction and O&M procedures	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 8 Operator Qualification Compliance Plan
			New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.02 (u) Construction, Operations & Maintenance
62. Operator Qualifications	Part 192.801	Requires Operator Qualifications for New Construction	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules	Rule 506.01 (c) (2) Pressure Requirements





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			For Gas Service, Part Puc 506 Equipment and Facilities	
63. Operator Qualification	Part 192.805	CNG Transfer Hose Operations require an operator to be present and must be a covered task under Operator Qualifications with associated CNG AOCs identified	DG 17-068 Liberty Utilities- Keene Division Petition for Declaratory Ruling Staff Adequacy Assessment of Compressed Natural Gas Installation October 5, 2018	Operator Qualification and training Review Page 50 and others
64. Meter Location/ Protection	Part 192.353	Customer Meters must be located at Building wall or Structure	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 11 Ownership of System
			NH PUC Order Oct 10, 2008 Order # 24906 D# DG 08-048	Article VI, 6.1
65. Meter Location/ Protection	Part 192.353	Upon a customer complaint of an imminent safety hazard involving accumulated snow or falling snow/ice potentially damaging a natural gas meter and related appurtenances, the operator shall take prompt action within 24 hours to alleviate the potential threat	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 16 Meter Protection from Snow and Ice
66. Meter Location/ Protection	Part 192.353	Meters shall be protected from anticipated or potential dangers, including but not limited to vehicles, flooding, ice, snow, corrosion	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 505 Meter Installation, Accuracy and Testing	Rule 505.01 (c) Meter Installations





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
67. Meter Location/Protection	Part 191.3	No new master meter systems can be installed without approval of Commission	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 505 Meter Installation, Accuracy and Testing	Rule 505.01 (d) Meter Installations
68. Meter Location/Protection	Part 192.361	Service Lines must be owned by the operator	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040 NH PUC Order Oct 10, 2008 Order # 24906 D# DG 08-048	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 11 Ownership of System Article VI, 6.1
69. Odorant	Part 192.625	Requires operator to have capability (equipment) for injecting odorant into distribution and transmission system regardless of class location	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 15 Odorization
70. Odorant	Part 192.625	All odorant reads shall be taken within system on a monthly basis and/or weekly at production facilities	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Rule 506.02 (n) (6) Construction, Operations & Maintenance Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 15 Odorization
			New Hampshire Code of Administrative Rules	Rule 506.02 (n) (6)



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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Construction, Operations & Maintenance
71. Odorant	Part 192.625	All pressure systems including upstream and downstream from regulator pits shall have odorant reads taken	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 15 Odorization
72. Odorant	Part 192.625	All odorant reads shall be taken at endpoints (furthest downstream point)	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 15 Odorization
			New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.02 (n) (6) Construction, Operations & Maintenance
73. Odorant	Part 192.625	All odorant testing equipment shall be calibrated	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 15 Odorization
			New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.02 (n) (6) Construction, Operations & Maintenance
74. Leak Tests	Part 192.723	Requires repeated leak surveys of cast iron main lines during the months when frost is in the ground (winter period)	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 508 Safety, Accident and Leakage Requirements	Rule 508.04 (d) Leakage Surveys





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
75. Leak Tests	Part 192.723	Business Districts is defined in NH with more specificity	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 508 Safety, Accident and Leakage Requirements	Rule 508.04 (b) Leakage Surveys
76. Leak Tests	Part 192.723	Each LPG operator shall conduct a leakage survey upon a change in gas supplier	Part Puc 512 LP and Landfill Gas Safety Standards New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Puc 512 LP and Landfill Gas Safety Standards	Rule 512.14 (b) Leakage Surveys and Inspections Rule 512.14 (e) Leakage Surveys and Inspections
77. Leak Tests	Part 192.723	Services for Public and Municipal Buildings, Hospitals and downtown areas need leak surveyed inside and out each year between Mar 1 through Dec 1	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 508 Safety, Accident and Leakage Requirements	Rule 508.04 (g) Leakage Surveys
78. Leak Tests	Part 192.721	Bridges and other locations and structures where physical movement or loading could cause failure or leakage must be leak surveyed 3 times per year	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 508 Safety, Accident and Leakage Requirements	Rule 508.04 (f) Leakage Surveys
79. Response to Leaks	Part 192.723	Leak Classification System and Required timeline for Repairs	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 508 Safety, Accident and Leakage Requirements	Rule 508.04 (m) Leakage Surveys
80. Response to Leaks	Part 192.723	Leak Classification System for LPG operators shall be consistent with 1983 ASME B31.8 Appendix G-11 A.	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 512 LP and Landfill Gas Safety Standards	Rule 512.14 (m) Leakage Surveys and Inspections
81. Response to Leaks	Part 192.723	Downgrading of Leaks is not allowed. (Applicable to a single operator)	NH PUC Order May 30, 2012 Order # 25370,	Settlement Agreement





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			D# DG 11-040	April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 17 Leak Classification and Grade 3 Leak Reduction Program
82.	Part 192.723	Downgrading of Leaks from Class 2 to 3 is limited to 6 leaks annually	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 508 Safety, Accidents and Leakage Surveys	Rule 508.04 (q) Leakage Surveys and Inspections
83.	Part 192.723	A recheck of a repaired Class 3 Leak shall be completed within 30 days from the date the Class 3 Leak is repaired	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 17 Leak Classification and Class 3 Leak Reduction Program
84.	Part 192.723	A recheck of a repaired Class 1 Leak shall be completed within 30 days from the date the Class 1 Leak is repaired	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 508 Safety, Accidents and Leakage Surveys	Rule 508.04 (n) (3) Leakage Surveys and Inspections
85.	Part 192.617	Prescribes a Leak Reduction Program of approximately 2/3 of Class 3 leaks over a 10 year period	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 17 Leak Classification and Class 3 Leak Reduction Program
86.	Part 192.615	Prescribes Standards for Response Times to Emergency/Leaks/Odor Complaints/Evacuations	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
				Conditions Item 12 Cast Iron Encroachment Policy Article VI, 6.6
87. Replacement Program	Part 192.755	Requires replacement of Cast Iron when encroached upon by outside construction activities	NH PUC Order Oct 10, 2008 Order # 24906 D# DG 08-048 NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 12 Cast Iron Encroachment Policy
88. Replacement Program	Part 192.489	Requires Cast Iron/Bare Steel mains and services Accelerated Replacement Program with Rate Adder	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 20 Cast Iron Bare Steel Replacement Program
89. Replacement Program	Part 192.487	Requires Bare Steel mains and services Accelerated Replacement Program with No Rate Adder	NH PUC Order Oct 10, 2008 Order # 24906 D# DG 08-048	Article VI, 6.4
90. Authority Beyond OPS	None	Safety Division routinely participates with Gas Division on Rate Cases and files Witness Testimony	New Hampshire Code of Administrative Rules Chapter Puc 200 Procedural Rules, Part Puc 203 Adjudicative Proceedings	Rule 203.01 through Rule 204.24
91. External/Internal Corrosion	Part 192.463	Each utility shall take remedial action within 3 months to correct or make substantial progress toward correction of any deficiencies indicated by monitoring of cathodically protected pipelines	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.02 (w) Construction, Operations & Maintenance



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	Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
92.	Design/Install Requirements	Part 192.229	Welders need to have a destructive test preformed on welds at least every 5 years in order to be qualified	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.01 (d) Pipeline Safety Standards
93.	Design/Install Requirements	Part 192.229	Welders need to be qualified to the current edition of API 1104 that is incorporated into the latest edition of the federal pipeline safety code	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.01 (d) Pipeline Safety Standards
94.	Design/Install Requirements	Part 192.229	No utility shall permit a welder to weld with a particular welding process unless the welder has engaged in welding with that process within the preceding 6 calendar months (<i>Not 7.5 months</i>)	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.01 (d) Pipeline Safety Standards
95.	Design/Install Requirements	Part 192.241	All welds shall be visually inspected by a qualified welding inspector	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.01 (e) Pipeline Safety Standards
96.	Design/Install Requirements	Part 192.241	At least 10% to 20% of welds must be non-destructively tested for projects consisting of 5 to 9 welds. For projects consisting of greater than 10 welds, at least 10% of welds must be nondestructively tested	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.01 (f) Pipeline Safety Standards
97.	Design/Install Requirements	Part 192.307 Part 192.311	Inspection of Materials as required by 49 C.F.R §192.307 and Repair of Pipe as required by 49 C.F.R §192.311 shall be applicable to all plastic pipelines including services	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.01 (j) Pipeline Safety Standards
98.	Design/Install Requirements	Part 192.141 Part 192.221 Part 192.271 Part 192.301 Part 192.605	All equipment used in construction, operations and maintenance activity shall be calibrated according to	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part	Rule 506.01 (k) Rule 506.01 (l) Pipeline Safety Standards





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
99. Design/Install Requirements	Part 192.361	manufacturers' recommendations Service lines shall be installed at minimum 18 inches depth at all locations unless covered with steel plate or concrete padding when not achieved	Puc 506 Equipment and Facilities New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.01 (m) Pipeline Safety Standards
100. Design/Install Requirements	Part 192.357	Service regulators must be installed more than 3 feet away from source of ignition, opening of building, air intakes. If encroachment by facility owner, vent extended within 90 days	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.01 (n) Pipeline Safety Standards
101. Design/Install Requirements	Part 192.319	Pipelines shall be laid on continuous bedding consisting of suitable rock free materials or well compacted soil. No blocking used for support of plastic piping allowed	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.01 (o) Pipeline Safety Standards
102. Design/Install Requirements	Part 192.199	If regulator and monitor regulator used, must install device to indicate failure of operating regulator and must be monitored	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.01 (p) Pipeline Safety Standards
103. Design/Install Requirements	Part 192.707	Each customer meter, gas regulating station, or any aboveground gas transporting facility shall be permanently marked to identify the operator's name	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.01 (q) Pipeline Safety Standards
104. Design/Install Requirements	Part 192.707	All gas regulator stations (including below ground) and above ground gas transporting facilities must be permanently marked and include contact information for emergencies by July 2016	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.01 (r) Rule 506.01 (s) Pipeline Safety Standards





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
105. Design/Install Requirements	Part 192.741	Pressure variations are required to be recorded. Telemeters shall be installed on systems that feed 150 or more customers including single fed distribution systems	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.01 (t) Pipeline Safety Standards
106. Design/Install Requirements	Part 192.629	Purging operations shall comply with the requirements for purging pipelines established by the Purging Principles and Practice, 2001 edition, of the American Gas Association	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.02 (i) Construction, Operations & Maintenance
107. Design/Install Requirements	Part 192.325	Requires 12 inches of clearance from any underground structure	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.02 (b) Construction, Operations & Maintenance
108. Design/Install Requirements	Part 192.325	No new pipeline installation shall be made in any non-accessible areas under any building after July 1, 2013	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.02 (c) Construction, Operations & Maintenance
109. Design/Install Requirements	Part 192.325	Written construction procedures shall include specific provisions for directional drilling and other trenchless technology installation methods	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.02 (d) Construction, Operations & Maintenance
110. Design/Install Requirements	Part 192.325	Preference shall be given to crossing over rather than under such structure when interference with other structures is encountered	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.02 (f) Construction, Operations & Maintenance
111. Risk Based Approach	Part 192.1007	Requires Annual Evaluation of Threats/Risks	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 20 Cast Iron Bare





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
				Steel Replacement Program
112. Enhanced Record Keeping	Advisory Bulletin 95-02	Each utility shall develop and maintain a written security plan outlining actions necessary to protect the utility's facilities from breeches of security or sabotage	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.02 (s) Construction, Operations & Maintenance
113. Enhanced Record Keeping	Part 192.605	Requires records of GPS coordinates of exposed pipe, newly installed pipe after July 1 2013, including street valve, service connection, vertical offsets, tees, tapping tees, valve stems, blowoff locations, crossings of other utilities and all Critical Valves regardless of exposure	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 4 Record of Facility Locations and Transition to Global Positioning System (GPS) Integration
114. Enhanced Record Keeping	Part 192.517	Pressure Test records must also include: Date Material Type and Fitting Type Tested Location of Segment begin and end points Normal & Maximum operating pressure pipeline will be subjected to	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.02 (o) Construction, Operations & Maintenance
115. Enhanced Record Keeping	Part 192.625	All odorant logs of injection levels and sniff tests and calibration records must be kept on file for 5 years	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 15 Odorization
116. Enhanced Record Keeping	Part 192.625	Operator shall maintain a suitable log showing the quantity of odorant added and the volume of gas odorized	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
				Conditions Item 15 Odorization
117. Enhanced Record Keeping	Part 192.727	Requires recording locations of mains and services abandoned after Feb 2005 on maps	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.02 (k) Rule 506.02 (l) Construction, Operations & Maintenance
118. Enhanced Record Keeping	Part 192.327 Part 192.361	Installation of protective devices for cover of mains and services shall be documented and records kept for the life of the pipeline	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.01 (m) Pipeline Safety Standards
119. Enhanced Record Keeping	Part 192.325	Clearances less than 12 inches shall be documented and records kept for the life of the pipeline	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.02 (b) Construction, Operations & Maintenance
120. Enhanced Record Keeping	Part 192.723	Leak records shall contain 10 details of discovery, evaluation or reevaluation, repair and recheck when necessary	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 508 Safety, Accident and Leakage Requirements	Rule 508.05 (c) Leakage Record-Keeping and Reporting
121. Enhanced Record Keeping	Part 192.723	Requires annual map showing Leak Progression Mapping with Annual Summary of Leaks	NH PUC Order May 30, 2012 Order # 25370 D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 19 Leak Reporting
122. Enhanced Record Keeping	Part 192.747	Requires annual submission of maps designating Critical Valves and Isolation Areas. Maps shall have integrated GPS coordinates of Critical Valves	NH PUC Order May 30, 2012 Order # 25370, D# DG 11-040	Settlement Agreement April 9 2012 Attachment J Gas Safety Requirements and Conditions Item 3 Maintenance of Critical Valves, Item 4 Record of Facility Locations and





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
				Transition to Global Positioning System (GPS) Integration
123. Enhanced Record Keeping	Part 192.517	All pipelines including service lines and plastic mains are required to keep pressure test records for life of pipeline	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.02 (o) Construction, Operations & Maintenance
124. Inactive Services	Part 192.727	Inactive Service must be cutoff if older than 2 years of inactive service for CI/BS mains and 10 years if cathodically protected, Coated Steel or Plastic mains	New Hampshire Code of Administrative Rules Chapter Puc 500 Rules For Gas Service, Part Puc 506 Equipment and Facilities	Rule 506.02 (j) Construction, Operations & Maintenance
125. Operating Pressure	Part 192.195 Part 192.197 Part 192.201 Part 192.203 Part 192.305	Detailed documentation and mapping of district regulating stations providing as much detail as possible both internally and externally to vaults and above ground stations. Include other utilities infrastructure and surrounding geographic features on plans involving district regs., venting details, details of service and main insertions, all fittings, sensing lines, carrier and casing materials details, upstream and downstream valves, within and in external surrounding areas shall be shown, corrosion system details such as anode location, connection points, Cathodic protection measuring points, instrumentation, flow directions and photo documentation required by December 1, 2018	Commission Directive Sept 28, 2018 to Avoid Potential Gas Line Over-Pressurizations following Columbia Gas Mass Distribution System Over-Pressurization at Merrimack Valley	Item 3





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
126. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections

National Association of Pipeline Safety Representatives





New Jersey

Key Stats

State Agency
Division
Department
Web
Regulated Intrastate Pipeline Systems
Regulated Master Meter Operators
Regulated LNG Systems
Regulated Hazardous Liquid Systems
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199

New Jersey Board of Public Utilities
Reliability & Security
Pipeline Safety
http://www.state.nj.us/bpu/about/divisions/reliability/
4
38
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85

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.5	Requires Accident Reports at \$5K level	New Jersey Administrative Code Title 14 Public Utilities Chapter 3 All Utilities Sub Chapter 6 Records and Reporting (NJ A.C.)	§14:3-6.4 (b) (4) Accidents-initial reporting §14:7-1.17 (a) Accidents and service interruptions--reporting
2. Enhanced Reporting	Part 191.5	Requires Accident Reporting after any accidental ignition of natural gas occurs as a result of utility equipment or operations	New Jersey Administrative Code Title 14 Public Utilities Chapter 3 All Utilities Sub Chapter 6 Records and Reporting (NJ A.C.)	§14:3-6.4 (b)(5) Accidents-initial reporting §14:7-1.17 (a) Accidents and service interruptions—reporting
3. Enhanced Reporting	Part 191.5	Requires Accident Reporting when there is a damage to the property of the utility, which materially affects its service to the public	New Jersey Administrative Code Title 14 Public Utilities Chapter 3 All Utilities Sub Chapter 6 Records and Reporting (NJ A.C.)	§14:3-6.4 (b)(3) Accidents-initial reporting §14:7-1.17 (a) Accidents and service





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
4. Enhanced Reporting	Part 191.9	Requires Accident Report at State level within 15 days	New Jersey Administrative Code Title 14 Public Utilities Chapter 3 All Utilities Sub Chapter 6 Records and Reporting (NJ A.C.)	interruptions—reporting §14:3-6.5 (a) Accidents - follow-up reporting §14:7-1.17 (a) Accidents and service interruptions—reporting
5. Enhanced Reporting	Part 191.5	Requires reporting of suspicious acts	New Jersey Administrative Code Title 14 Public Utilities Chapter 3 All Utilities Sub Chapter 6 Records and Reporting (NJ A.C.)	§14:3-6.6 Reporting Suspicious Acts
6. Enhanced Reporting	Part 191.5	Requires reporting service interruptions of 30 minutes or more affecting 10,000 or more customers; a hospital; an airport; a subway station or passenger rail system	New Jersey Administrative Code Title 14 Public Utilities Chapter 3 All Utilities Sub Chapter 3 Service (NJ A.C.)	§14:3-3.7 (d) Interruptions of Service §14:7-1.17 (b) Accidents and service interruptions—reporting
7. Enhanced Reporting	Part 191.5	Requires reporting service interruptions of 2 hours or more affecting 100 or more customers, a school facility or a State correctional facility	New Jersey Administrative Code Title 14 Public Utilities Chapter 3 All Utilities Sub Chapter 3 Service (NJ A.C.)	§14:3-3.7(e) Interruptions of Service §14:7-1.17 (b) Accidents and service interruptions—reporting
8. Enhanced Reporting	Part 191.11	Requires annually to report the total miles of cast iron mains by diameter, operating pressure and total number of cast iron breaks	New Jersey Administrative Code Title 14 Public Utilities Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and	§14:7-1.26 (c)(3) Operator Reporting Requirements





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Distribution Natural Gas Pipelines (NJ A.C.)	
9. Enhanced Reporting	Part 191.11	Requires annual leak status report	New Jersey Administrative Code Title 14 Public Utilities Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.26(d)(1) Operator Reporting Requirements
10. Enhanced Reporting	Part 191.11 Part 192.383 (g)	Requires annual report of all excess flow valve (EFV) actuations indicating the location, quantity of actuations (closures), and the cause of actuation	New Jersey Administrative Code Title 14 Public Utilities Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.26 (d)(2) Operator Reporting Requirements
11. Enhanced Reporting	Part 191.17 Part 192.945	Requires the performance measures to be reported semi-annually instead of annually	New Jersey Administrative Code Title 14 Public Utilities Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.26 (d)(3) Operator Reporting Requirements
12. Enhanced Reporting	Part 192.465 (a)	Requires cathodic protection status reports indicating compliance with monitoring and remediation to be submitted quarterly	New Jersey Administrative Code Title 14 Public Utilities Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of	§14:7-1.26 (d)(4) Operator Reporting Requirements





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	
13. Enhanced Reporting	Part 192.517	Requires pressure test records for all gas transmission pipelines to be submitted within 1 month	New Jersey Administrative Code Title 14 Public Utilities Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.26 (d)(8) Operator Reporting Requirements
14. Enhanced Reporting	Part 192.603	Requires O&M manual to be filed	New Jersey Administrative Code Title 14 Public Utilities Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.23 Review of Operating and Maintenance Standards
15. Enhanced Reporting	Part 192.615	Requires emergency response plans to be Filed for Transmission Lines	New Jersey Administrative Code Title 14 Public Utilities Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.10 (d) Valve Assessment and Emergency Closure Plan – Transmission Pipelines
16. Enhanced Reporting	Part 191.1 Part 192.723	Requires quarterly reporting of leaks or other conditions that may affect safety or operations	New Jersey Administrative Code Title 14 Public Utilities Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of	§14:7-1.20 (f) Monthly Inspection Patrols and Leak Detection Surveys





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	
17. Enhanced Reporting	Part 191.1	Requires report of pipeline specifications for projects with pressures in excess of 125 psig at least 45 days prior to construction	New Jersey Administrative Code Title 14 Public Utilities Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.18 Proposed Construction
18. Enhanced Reporting	Part 191.22	Requires notification and Agency approval of a public utility merger, consolidation, acquisition and/or change in control	State Statute N.J.S.A. 47:1A-1 et seq., 48:2-12 and 52:27F-18. New Jersey Administrative Code Title 14 Public Utilities	§14:1-5.14. Petitions for approval of a merger, consolidation, acquisition and/or change in control.
19. Enhanced Reporting	Part 192.745 Part 192.179	Requires notification at least 5 business days prior to conducting the annual transmission emergency closure drill and submit final audit report within 2 months	New Jersey Administrative Code Title 14 Public Utilities Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.10 (g) Valve Assessment and Emergency Closure Plan – Transmission Pipelines
20. More Direct Oversight	Part 192.517	Requires report 1 month after pressure test certifying that the pipeline meets federal code	New Jersey Administrative Code Title 14 Public Utilities Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.14 (f) Pressure Testing





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
21. More Direct Oversight	Part 192.301	Requires reporting of all pipeline construction work in progress upon request or periodically as required by Board staff	New Jersey Administrative Code Title 14 Public Utilities Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.26 (b) Operator Reporting Requirements
22. More Direct Oversight	Part 192.505 Part 192.507	Requires notification at least 3 business days prior to pressure testing of any gas transmission pipeline	New Jersey Administrative Code Title 14 Public Utilities Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.14(b) Pressure Testing
23. More Direct Oversight	Part 192.301	Requires quality assurance/quality control audits and records of work for both employees and contractors	New Jersey Administrative Code Title 14 Public Utilities Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.24(d) Oversight of Construction Activity
24. More Direct Oversight	Part 192.301	Requires construction activity inspections of contractors at least once each work day	New Jersey Administrative Code Title 14 Public Utilities Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.24(b) Oversight of Construction Activity





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
25. More Direct Oversight	Part 192.301	Requires a pipeline operator to witness 100 percent of trench backfilling operations associated with joint-trench installations	New Jersey Administrative Code Title 14 Public Utilities Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.24(f) Oversight of Construction Activity
26. More Direct Oversight	Part 192.301	Requires any construction work performed by contractors to be inspected by the utility	New Jersey Administrative Code Title 14 Public Utilities Chapter 3 All Utilities Sub Chapter 2 Plant (NJ A.C.)	§14:3-2.2 Inspection of Work Performed by Contractors
27. More Direct Oversight	Part 192.301	Requires operators to develop guidelines for horizontal directional drilling (HDD) and shall include them into their O&M	New Jersey Administrative Code Title 14 Public Utilities Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.25 (a) Directional drilling operations
28. More Direct Oversight	Part 192.301	Requires operators to prepare HDD plan and profile drawings prior to installing any natural gas pipeline in proximity to another gas line operating in excess of 125 psig. The drawings shall be available to Board staff for review upon request	New Jersey Administrative Code Title 14 Public Utilities Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.25 (c) Directional drilling operations
29. More Direct Oversight	Part 192.301 Part 192.329	Requires operators to ensure integrity of plastic pipe that is installed using HDD by utilizing “window” excavations. An	New Jersey Administrative Code Title 14 Public Utilities Chapter 7 Natural Gas Pipelines	§14:7-1.25 (f) Directional drilling operations





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		inspector shall witness and document the conditions of the pipe at all “window” excavations	Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	
30. More Direct Oversight	Part 192.805	Requires operator to audit each contractor employee performing covered tasks in the field twice per year . It also requires other OQ audits and documentation. Reports must be submitted to Pipeline Safety staff on semi-annual and annual basis	In the matter of allegations of violations of Pipeline Safety Regulations by South Jersey Gas Company with respect to compliance with operator qualification (OQ) program training, BPU Docket No. GO09010030, Agenda Item: 6A, 1/28/2009	Board Order SJG - OQ
31. More Direct Oversight	Part 192.805	Requires operator to audit each contractor crew performing covered tasks in the field at least twice a month on average . It also requires other OQ audits and documentation. Reports must be submitted to Pipeline Safety staff on semi-annual and annual basis	In the matter of allegations of violations of Pipeline Safety Regulations by Elizabethtown Gas Company with respect to compliance with operator qualification (OQ) program training, BPU Docket No. GO09010031, Agenda Item: 6B, 1/28/2009	Board Order ETG - OQ
32. Valves	Part 192.179 Part 192.615 Part 192.745	Requires a valve assessment and emergency closure plan for each transmission pipeline. This plan must assess each valve individually and be filed with the Board. Lists 11 factors to classify each valve	New Jersey Administrative Code Title 14 Public Utilities Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.10 (b)(c) Valve Assessment and Emergency Closure Plan – Transmission Pipelines
33. Valves	Part 192.179 Part 192.615 Part 192.745	Requires the valve assessment and emergency closure plan to be updated annually. This plan must be filed	New Jersey Administrative Code Title 14 Public Utilities Chapter 7 Natural Gas Pipelines	§14:7-1.10 (e) Valve Assessment and Emergency Closure Plan – Pipelines





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		with the Board once every 2 calendar years, not to exceed 27 months if no significant changes occurred during annual review or annually not to exceed 15 months if significant changes occurred	Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	Transmission Pipelines
34. Valves	Part 192.365	Requires existing service lines with no valves to have valves installed when repairs are made that require excavation	New Jersey Administrative Code Title 14 Public Utilities Chapter 6 Gas Service Sub Chapter 2 Plant (NJ A.C.)	§14:6-2.4 Service Line Valves
35. Valves	Part 192.181	After March 2, 2009 Require each distribution pipeline operator, when determining sectionalizing of systems with valves, to consider the volume of gas that could be released to the atmosphere; the response time and shutdown capabilities of the operator; and the number of customers that will be affected by an emergency shutdown. This includes, meter stations, regulator stations and compressor stations	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§ 14:7-1.9 Distribution system valve requirements
36. Pressure Tests	Part 192.505 Part 192.507	Requires test pressure for transmission pipelines be maintained wherever possible for a period of 24 hours but in no event for period of less than 12 hours. Approval from Pipeline Safety staff for a test period of less than 24 hours	New Jersey Administrative Code Title 14 Public Utilities Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.14 (d) Pressure Testing





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
37. Operating Pressure	Part 192.359	Requires pressure variations within 24 hr period not to exceed 50% above or below utilization pressures	New Jersey Administrative Code Title 14 Public Utilities, Chapter 6 Gas Service Sub Chapter 3 Service (NJ A.C.)	§14:6-3.4 Pressure Requirements
38. Damage Prevention	Part 192.614	Requires on-site inspection for transmission pipelines immediately prior to and during excavation or backfilling & documentation of its inspection oversight	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§ 14:7-1.22 (a) Damage Prevention
39. Damage Prevention	Part 192.614	Requires operators to have an inspector physically present on-site at all times when transmission pipelines are being crossed by HDD operations	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.25 (h) Directional drilling operations
40. Damage Prevention	Part 192.614	Requires operators to take steps to develop an electronic system provide mark out personnel the ability to determine if a particular location provides natural gas via billing records or service records	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.22 (b) Damage Prevention
41. Damage Prevention	Part 192.614	Requires operators to coordinate with the excavator to ensure protection and support to prevent undermining of gas facilities when deep excavation is proposed near the transmission or distribution facilities	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and	§14:7-1.22 (c)(2) Damage Prevention





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Distribution Natural Gas Pipelines (NJ A.C.)	
42. Damage Prevention	Part 192.614	Requires yellow subsurface warning tape above transmission or distribution pipeline whenever the pipeline is installed, repaired or replaced	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.11 (f) Installation of Pipe
43. Damage Prevention	Part 192.614	Requires pipes less than 16 inches in diameter to be installed with one 6-inch wide tape and pipes of 16 inches or more installed with one 12-inch wide tape or two 6-inch wide tapes installed side by side	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.11 (f) Installation of Pipe
44. Damage Prevention	Part 192.321	Requires #12 tracer wire for direct burial & # 10 wire for boring or drilling	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.11 (e) Installation of Pipe
45. Damage Prevention	Part 192.614	Requires that distribution mains installed at less than 24-inches be protected with shielding that conforms with gas industry standards	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.12 (b) Minimum Cover over Natural Gas Pipelines





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
46. Damage Prevention	Part 192.614	Requires that transmission pipelines installed at less than 42-inches be protected with shielding that conforms with gas industry standards	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.12 (c) Minimum Cover over Natural Gas Pipelines
47. Damage Prevention	Part 192.614	Requires operators to locate all facilities by test-hole excavation to verify the proposed HDD alignment prior to any proposed HDD operation	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.25 (d) Directional drilling operations
48. Damage Prevention	Part 192.614	Requires operators to ensure the safety of all gas lines and other subsurface facilities that will be crossed during an HDD operation by either utilizing a instrument or by exposing each underground facility	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.25 (e) Directional drilling operations
49. Damage Prevention	Part 192.614 Part 190.221	Establishes the Underground Facility Protection Act. Designates NJBPU to enforce regulations and impose penalties	New Jersey Statute Title 48 Public Utilities, Chapter 48:2-73, Underground Facility Protection Act	48:2-74 Findings, declarations, determinations
50. Training	Part 192.179 Part 192.615 Part 192.745 Part 192.805	Requires an emergency closure drill simulating shutting down a selected section of transmission line to be performed annually not to exceed 15 months. A table-top drill is acceptable except a field site-specific must	New Jersey Administrative Code Title 14 Public Utilities Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and	§14:7-1.10 (f) Valve Assessment and Emergency Closure Plan – Transmission Pipelines





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		be conducted at least once every 3 years	Distribution Natural Gas Pipelines (NJ A.C.)	
51. Meter Location/ Protection	Part 192.353	Requires adequate protection for high pressure meters located three feet or less from a vehicle zone and not protected by an EFV	New Jersey Administrative Code Title 14 Public Utilities, Chapter 6 Gas Service , Sub Chapter 7 Protecting High Pressure Gas Meters from Vehicular & Other Damage (N.J.A.C.)	§14:6-7.3 (d) New Residential Construction §14:6-7.4 (c) non-residential Construction §14:6-7.5 (e) Residential service replacement §14:6-7.6 (d) non-residential service replacement
52. Meter Location/ Protection	Part 192.351	Does not allow a gas meter to remain in service for a period longer than 10 years	New Jersey Administrative Code Title 14 Public Utilities, Chapter 6 Gas Service , Sub Chapter 4 Meters (N.J.A.C.)	§14:6-4.2 Periodic Meter Testing
53. Meter Location/ Protection	Part 192.351	No gas utility in this State shall provide gas service to a newly developed master meter system after June 7, 1994	New Jersey Administrative Code Title 14 Public Utilities, Chapter 6 Gas Service , Sub Chapter 6 Master Meters Systems (NJ A.C.)	§14:6-6.3 Service to Master Meter Systems
54. Odorant	Part 192.625	Requires odorant testing as frequently as necessary, but not less than once every 30 days	New Jersey Administrative Code Title 14 Public Utilities, Chapter 6 Gas Service , Sub Chapter 3 Service (NJ A.C.)	§14:6-3.7 (h) Odorization §14:7-1.16 (c) Odorization
55. Odorant	Part 192.625	Requires each utility to notified the Board of the type of odorant used and the location of each odorization station	New Jersey Administrative Code Title 14 Public Utilities, Chapter 6 Gas Service , Sub Chapter 3 Service (NJ A.C.)	§14:6-3.7 (c) Odorization
56. Odorant	Part 192.625	Requires record retention for 2 years showing the quantity of the odorant added and	New Jersey Administrative Code Title 14 Public Utilities, Chapter 6 Gas Service ,	§14:6-3.7 (d) Odorization





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
57. Odorant	Part 192.625	the volume of gas odorized Requires frequent periodic tests to be made at various points in each system, including the pertinent extremities of the system, and a suitable record of such tests shall be maintained for 7 years	Sub Chapter 3 Service (NJ A.C.) New Jersey Administrative Code Title 14 Public Utilities, Chapter 6 Gas Service , Sub Chapter 3 Service (NJ A.C.)	§14:6-3.7 (e) Odorization
58. Odorant	Part 192.625	Requires the equipment and facilities for handling the odorant to be located where the escape of odorant would not be a nuisance	New Jersey Administrative Code Title 14 Public Utilities, Chapter 6 Gas Service , Sub Chapter 3 Service (NJ A.C.)	§14:6-3.7 (g) Odorization §14:7-1.16 (e) Odorization
59. Odorant	Part 192.625	Requires any gas having an insufficient odor of its own to be odorized with a suitable odorant	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.16 (b) Odorization §14:6-3.7 (a) Odorization
60. Odorant	Part 192.625	Requires odorant equipment to provide a uniform level of odor in the gas	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.16 (e) Odorization §14:6-3.7 (f) Odorization
61. Odorant	Part 192.625 Part 191.1	Requires operator to immediately report any indication of insufficient levels of odorant to NJBPU	New Jersey Administrative Code Title 14 Public Utilities Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of	§14:7-1.16 (d) Odorization





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	
62. Leak Tests	Part 192.723	Requires leak detection equipment that is at least as reliable and sensitive as flame ionization	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.20 (c) Monthly Inspection Patrols and Leak Detection Surveys
63. Response to Leaks	Part 192.703	Requires Prompt investigation of each reported or suspected gas leak	New Jersey Administrative Code Title 14 Public Utilities Chapter 6 Gas Service Sub Chapter 2 Plant (NJ A.C.)	§14:6-2.3 Inspection of Property
64. Response to Leaks	Part 192.705	Requires inspection program with inspection patrols at least once per month in Class 3 and Class 4 locations	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.20 (a) Monthly Inspection Patrols and Leak Detection Surveys
65. Replacement Program	Part 192.703	Requires replacement of bare and coated cathodically unprotected steel services in an area where 20 % or more of the services have exhibited leaks	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines, Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.20 (d) Monthly Inspection Patrols and Leak Detection Surveys
66. Replacement Program	Part 192.489	Approval to accelerate infrastructure improvement projects with an emphasis on CI	New Jersey Board of Public Utilities, Docket No. EO09010049, Order 1/28/2009	Entire Order





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		and bare steel replacements	I/M/O the Proceeding for Infrastructure Investment and a Cost Recovery Mechanism for All Gas and Electric Utilities	
67. Extending LDC responsibility	Part 192.16	Requires customer notification periodically, but no less than once a year, by way of bill inserts and other effective methods	New Jersey Administrative Code Title 14 Public Utilities, Chapter 6 Gas Service, Sub Chapter 3 Service (NJ A.C.)	14:6-3.8 Customer Information
68. Extending LDC Responsibility	Part 192.616	Requires operators to meet on at least on an annual basis with appropriate fire, police, and other public officials of each municipality through which its transmission pipeline traverses. Records of these meetings must be maintained	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.21 (b) Public outreach
69. Extending LDC Responsibility	Part 192.616	Requires each transmission pipeline operator to provide annual notice the affected public	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.21 (c) Public outreach
70. Cathodic Protection	Part 192.723	Requires more frequent surveys on bare steel based on leak history, leaks discovered by the public, and operating pressure	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.20 (b) Monthly Inspection Patrols and Leak Detection Surveys
71. Design/Install Requirements	Part 192.301 Part 192.150	Requires Board approval for the installation of new pipelines with	New Jersey Administrative Code Title 14 Public Utilities	§14:7-1.4 (a) Proscribed Areas





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		MAOP in excess of 250 psig within 100 feet of any building intended for human occupancy	Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	
72. Design/Install Requirements	Part 192.301 Part 192.150	Requires Pipeline Safety staff approval for the replacement or relocation of natural gas pipelines with MAOP in excess of 250 psig to a new location within 100 feet of any building intended for human occupancy	New Jersey Administrative Code Title 14 Public Utilities Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.4 (b) Proscribed Areas
73. Design/ Install Requirements	Part 192.5 Part 192.609 Part 192.611	Requires all pipelines constructed in NJ after March 2, 2009, to meet the design standards for Class 4 pipeline location	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.3 Classification of pipeline locations
74. Design/ Install Requirements	Part 192.271	Requires oversight of field welding on pipelines operating in excess of 250 psig by qualified inspectors, and a copy of the welding procedures readily available at the job site	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.6 Quality Control of Field Welding
75. Design/ Install Requirements	Part 192.141 Part 192.271 Part 192.451 Part 192.501	Requires periodic inspection and calibration of all equipment, including, but not limited to,	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines Sub Chapter 1	§14:7-1.24 (e) Oversight of Construction Activity





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
	Part 192.601 Part 192.701	equipment used for cathodic protection, pipe jeeeping, leak detection, plastic fusion, and pressure testing. Inspection stickers shall be attached to all equipment	Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	
76. Design/ Install Requirements	Part 192.327	Requires transmission pipelines to be installed with a cover of at least 48 inches above the top of the pipe	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.12(c) Minimum Cover over Natural Gas Pipelines
77. Design/Install Requirements	Part 192.327	Requires mains to be installed with a cover of at least 30 inch above the top of the pipe	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines, Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.12(a) Minimum Cover over Natural Gas Pipelines
78. Design/Install Requirements	Part 192.327	Requires services to be installed with a cover of at least 18 inch above the top of the pipe	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.12(d) Minimum Cover over Natural Gas Pipelines
79. Design/Install Requirements	Part 192.325	Requires all gas pipelines to be installed with at least 12 inches separation from any other subsurface structure or facility	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation	§14:7-1.11 (a) Installation of Pipe





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	
80. Design/Install Requirements	Part 192.325	Requires a joint-trench installation procedure to be submitted and approved by Pipeline Safety staff prior to installing any gas lines with other utilities in a single trench	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.11 (b) Installation of Pipe
81. Design/Install Requirements	Part 192.319	Requires the backfill material to provide support under the pipe with at least 6-inch cushion of smooth, clean soil or select fill	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.11 (c) Installation of Pipe
82. Design/Install Requirements	Part 192.319	Requires that backfill material shall be free of rock, stones, other substances that may damage the pipe, etc. Requires the backfill to be well compacted under, over and around the pipe	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.11 (d) Installation of Pipe
83. Design/Install Requirements	Part 192.301	Requires operators to provide pipe support during HDD operations. A turntable or similar for coil pipe; roller assemblies for straight pipe	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines	§14:7-1.25 (g) Directional drilling operations

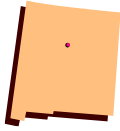




Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
84. Design/Install Requirements	Part 192.163 Part 192.199	In addition to electric equipment at compressor stations, all electric equipment and wiring in meter, regulator, and gate stations shall be designed and installed in accordance with all applicable provisions of the National Electrical Code and ANSI/NFPA 70, as effective at the time of installation	(NJ A.C.) New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§ 14:7-1.15 Meter and regulator stations: electric installations
85. State Inspection Program	Part 190.203	Requires regulatory oversight of various construction activities in excess of federal code	New Jersey Administrative Code Title 14 Public Utilities, Chapter 7 Natural Gas Pipelines Sub Chapter 1 Construction Operation and Maintenance of Transmission and Distribution Natural Gas Pipelines (NJ A.C.)	§14:7-1.24 Oversight of Construction Activity

National Association of Pipeline Safety Representatives





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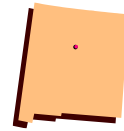
Key Stats

State Agency	Public Regulation Commission
Division	Transportation
Department	Pipeline Safety Bureau (PSB)
Web	https://www.nm-prc.org/transportation/pipeline-safety/
Regulated Intrastate Pipeline Systems	79
Regulated Master Meter Operators	170
Regulated LNG Systems	0
Regulated Hazardous Liquid Systems	21
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	8

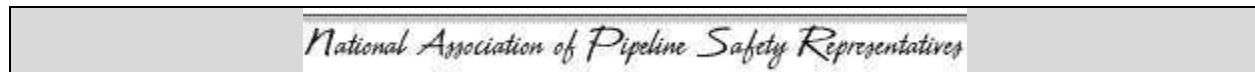
Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.3	Requires Incident Reports at \$5,000 level	NM Administrative Code Title 18 Transportation & Highways, Chapter 60 Pipeline Construction and Maintenance, Part 2 Pipeline Safety General Provisions	18.60.2.8(B) Adoption of Portions of the Code of Federal Regulations
2. Enhanced Reporting	Part 191.11 Part 191.17	Requires a list of master meter customers, submitted annually by March 15 th	NM Administrative Code Title 18 Transportation & Highways, Chapter 60 Pipeline Construction and Maintenance, Part 2 Pipeline Safety General Provisions	18.60.2.10 Reports of Master Meters
3. Enhanced Reporting	Part 192.603 Part 192.605	Requires the filing of O&M plan with PSB. Any changes to the manual must be submitted within 20 days of change being made	NM Administrative Code Title 18 Transportation & Highways, Chapter 60 Pipeline Construction and Maintenance, Part 2 Pipeline Safety General Provisions	18.60.2.11 Operation and Maintenance Manual





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
4. Enhanced Reporting	Part 191.11 Part 191.17	Requires filing of RSPA F 7100.1-1 with PSB by March 15. Establishes other information that needs to be included with annual report.	NM Administrative Code Title 18 Transportation & Highways, Chapter 60 Pipeline Construction and Maintenance, Part 3 Annual Pipeline Safety Fees	18.60.3.8 Information Required from Operators of Gas Pipelines
5. Enhanced Reporting	Part 195.49	Requires filing of RSPA F 7000.1-1 with PSB by June 15. Establishes other information that needs to be reported to PSB by March 15.	NM Administrative Code Title 18 Transportation & Highways, Chapter 60 Pipeline Construction and Maintenance, Part 3 Annual Pipeline Safety Fees	18.60.3.10 Information Required from Operators of Hazardous Liquid and Carbon Dioxide Pipelines
6. More Direct Oversight	Part 192.305	Notice of Intent to Construct required to be filed with Transportation Director if project has value of \$50,000 or more	NM Administrative Code Title 18 Transportation & Highways, Chapter 60 Pipeline Construction and Maintenance, Part 2 Pipeline Safety General Provisions	18.60.2.9 Notice of Intent to Construct
7. Response to Leaks	Part 192.706 Part 192.723	Requires immediate classification leaks upon discovery.	NM Administrative Code Title 18 Transportation & Highways, Chapter 60 Pipeline Construction and Maintenance, Part 2 Pipeline Safety General Provisions	18.60.2.12 Classification and Repair of Leaks
8. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits Establishes inspection frequency based on risk score.	New Mexico PRC Pipeline Safety Bureau Written Policy	Policy 10-002 Inspection Forms and Frequency Operator Inspections





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Key Stats

State Agency	New York State Department of Public Service
Division	Office of Electric, Gas & Water
Department	Safety Section
Web	https://www3.dps.ny.gov/W/PSCWeb.nsf/All/4606B847387FBCB6852580A700678AD0?OpenDocument
Regulated Intrastate Pipeline Systems	97
Regulated Master Meter Operators	0
Regulated LNG Systems	3
Regulated Hazardous Liquid Systems	5
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	72

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.3	Report all incidents where gas facilities may be involved and media events	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.801(a) Reports of Accidents
2. Enhanced Reporting	Part 191.3	Carbon monoxide incidents	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.801(b)&(c) Reports of Accidents
3. Enhanced Reporting	Part 191.3	Immediately report Major Interruptions of Service	16 (NYCRR) New York Compilation of Rules and	§255.823. Interruptions of service





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	
4. Enhanced Reporting	Part 191.3	Weekly report any interruption of service	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter A Service, Part 232 Notice of Interruption of Service	§232.1 Definition of interruption of service §232.2 Report of interruption of service §232.3 Time of filing
5. Enhanced Reporting	Part 192.605	O&M Plan must be filed with DPS	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.603(b) General Provisions
6. Enhanced Reporting	Part 192.615	Required operators to file updated Gas Emergency Plans and to incorporate best practices in their Emergency Plans	New York State Public Service Commission Order issued December 18, 2013 (§255.615 – Emergency Plans)	New York State Public Service Commission Order issued December 18, 2013, Ordering Clauses #1 and 2, Best Practices Appendix
7. Response to Leaks	Part 192.615	Monthly reports of response time to leaks and emergencies	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255	§255.825(d) Logging and analysis of gas emergency reports





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
8. Enhanced Reporting	Part 192.505	Notification of pressure tests >125 psig	Transmission and Distribution of Gas 16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.505(h)-(i) Strength test requirements for steel pipelines to operate at 125 psig or more
9. More Direct Oversight	Part 192.353	Prior notification of construction of mains >125 psig Construction	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.302 Notification Requirement
10. Valves	Part 192.363	Special requirement for Service Line valves >60 psig	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.363(d) Service lines: valve requirements
11. Valves	Part 192.365	Conditions when service line valve MUST be located outside the building	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.365(b) Service lines: location of valves
12. Valves	Part 192.745	Emergency valves for transmission lines	16 (NYCRR) New York Compilation of	§255.745(c)





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		must be checked for external leakage during inspection	Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	Valve maintenance: transmission lines
13. Valves	Part 192.747	Emergency valves for distribution pipelines must be checked for external leakage during inspection	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.747(d) Valve maintenance: distribution systems
14. Valves	Part 192.747	Requires annual inspection of buried service line valves for Buildings of Public Assembly including checks for external leakage	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.748 Valve maintenance: service line valves §255.365(b)(2) Service lines: location of valves
15. Pressure Testing	Part 192.515	Not limited to pipe tests where hoop stress exceeds 50% SMYS	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.515(a) Environmental protection and safety requirements
16. Pressure Testing	Part 192.555	Covers upgrading to transmission pressure - defined as 125 psig or above as an uprating requirement	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume	§255.555(a) Upgrading to a pressure of 125 psig or more in steel pipelines





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	
17. Pressure Testing	Part 192.555	Additional inspection/testing requirements prior to uprating pressure above previously established MAOP	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.555(b)(3) §255.555(b)(4) §255.555(b)(5) §255.555(b)(6) Upgrading to a pressure of 125 psig or more in steel pipelines
18. Pressure Testing	Part 192.511	Prescribes more stringent pressure test requirements for service lines at 1.5X MAOP including limits and specified duration for various diameters and operating pressures	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.511(c) §255.511(f) §255.511(f)(1) §255.511(f)(2) §255.511(f)(3) §255.511(g)(1) §255.511(g)(2) §255.511(g)(3) Test requirements for service lines
19. Operating Pressure	Part 192.169	Pressure relief valve requirement and location for positive-displacement transmission compressor	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	255.169(c) Compressor stations: pressure limiting devices
20. Operating Pressure	Part 192.619	Limit equal to 60% of mill test pressure for furnace butt welded steel pipe and 85% of highest test pressure for all other steel pipe whether by mill test or by post installation test	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255	255.619(a)(4) 255.619(a)(5) Maximum allowable operating pressure: steel or plastic pipelines





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
21. Operating Pressure	Part 192.623	<p>Requires operating range of low pressure (LP) systems to be within 4 and 12 inches water column</p> <p>Maximum daily pressure variation shall not exceed a total range of 50 percent of the maximum gauge pressure experienced during the day at any point in the low pressure distribution system, as measured at the consumer's end of the service line.</p> <p>Protection against pressure buildup of 2 psig</p>	Transmission and Distribution of Gas	<p>255.623(c) 255.623(d) Maximum and minimum allowable operating pressure: low-pressure distribution systems</p>
			16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	
22. Operating Pressure	Part 192.197	<p>Requires regulator with internal relief valve</p> <p>For service line operating at 125 psig or more be equipped with either an excess flow valve or must have the first stage regulator located at least 50 feet from the building or, if 50 feet cannot be attained without entering the roadway, located at the property line</p>	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	<p>255.197(a)(7) 255.197(c)(5) Control of the pressure of gas delivered from high pressure distribution systems</p>
23. Operating Pressure	Part 192.201	Relief valves or other pressure limiting devices with a capacity to limit the maximum pressure in the main to 2 PSIG	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas	<p>255.201(d) Required capacity of pressure relieving and limiting stations</p>





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		on low pressure distribution systems	Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	
24. Damage Prevention	Part 192.614	Operators must meet targets of damages per 1000 One Call tickets	Rate Case Performance Metric – LDC Specific	CASE 16-G-0059 17-G-0460 16-G-0061 16-G-0058 16-G-0257 17-G-0239 15-G-0284 18-G-0068 15-G-0286
25. Damage Prevention	Part 192.614 Part 190.221	New York Department of Public Service is enforcement authority for all underground damage prevention rules of NY	Official Compilation Of Codes, Rules And Regulations of the State of New York, Title 16 Department of Public Service, Chapter VII, Provisions Affecting Two Or More Kinds of Public Service, Subchapter F. Miscellaneous, Part 753 Protection Of Underground Facilities Subpart 753-6 Enforcement Procedures	Subpart 753-6 Enforcement Procedures
26. Training/Quals (not including OQ)	Part 192.285	Additional provisions for Plastic pipe: Qualifying persons to make joints	New York State Public Service Commission Order issued May 18, 2018 (§255.285)	New York State Public Service Commission Order issued May 18, 2018, Ordering Clauses #2, 4, and 7
27. Meter Location/ Protection	Part 192.353	Physical protection from damage Requires service regulator on new and replacement service lines, except for replacements by insertion, to be	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255	§255.353(b) §255.353(e) Customer meters and regulators: location





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		installed outside of the building	Transmission and Distribution of Gas	
		Specific requirements for installing a new gas service for which gas pressure regulating and associated gas cleaning equipment and appurtenances is required for a building of public assembly, or apartment building, or building within an apartment, industrial or commercial complex		
28. Meter Location/ Protection	Part 192.353	Implied as section requires each service regulator on new and replacement service lines, except for replacements by insertion, to be installed outside of the building, unless it is impractical or unsafe	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.353(b) Customer meters and regulators: location
29. Meter Location/ Protection	Part 191.3	Master Meters not allowed with few exceptions	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter A Service, Part 231 Residential Submetering	§231.1 Prohibition of residential submetering required
30. Odorant	Part 192.625	All gas transported in transmission lines , and distribution mains operating at 125 PSIG and above must be odorized so that it is readily	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas	§255.625(a) §255.625(b) Odorization of gas





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		<p>detectable at all gas concentrations of one fifth of the lower explosive limit and above</p> <p>All gas transported in distribution mains, and service laterals is to be adequately odorized so that it is readily detectable at all gas concentrations of one tenth of the lower explosive limit and above</p>	Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	
31. Odorant	Part 192.605	Requirement for procedures to correct, within specified timeframes, deficiencies found during any inspections, evaluations, reviews, etc. required by this Part	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.605(f) Essentials of operating and maintenance plan
32. Leak Tests	Part 192.465	Allows operator to utilize leakage survey in lieu of electrical survey to determine areas of active corrosion	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.465(f) External corrosion control: monitoring §255.723(b) Distribution systems: leakage surveys and procedures
33. Response To Leaks	Part 192.553	Each hazardous leak detected must be repaired before a further pressure increase is made. All leaks must be repaired as soon as possible following	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255	§255.553(c) General requirements





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
34. Response to Leaks	Part 192.703	completion of the upgrading Prescribes requirement for leak classification system and remedial action including investigation, monitoring and repairs	Transmission and Distribution of Gas 16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.805 Leaks: general §255.807 Leaks: records §255.809 Leaks: instrument sensitivity verification §255.811 Leaks: type 1 classification §255.813 Leaks: type 2A classification §255.815 Leaks: type 2 classification §255.817 Leaks: type 3 classification §255.819 Leaks: follow-up inspection §255.821 Leaks: nonreportable reading
35. Response to Leaks	Part 192.703	Any notification of a gas leak or gas odor, or any notification of damage to facilities by contractors or other outside sources shall constitute the need for prompt action	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.805(a) Leaks: General
36. Response to Leaks	Part 192.723	Prescribes Year End Leak Backlog Targets	Rate Case Performance Metric – LDC Specific	Rate Case Performance Metric – LDC Specific CASE 16-G-0059 17-G-0460 16-G-0061 16-G-0058





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
				16-G-0257 17-G-0239 15-G-0284 18-G-0068 15-G-0286
37. Response to Leaks	Part 192.723	Prescribes actions necessary prior to downgrading or upgrading existing leaks	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.805(g) §255.805(h) Leaks: General
38. Response to Leaks	Part 192.723	Requires follow-up inspection at least 14 days after but within 30 days of a leak repair to validate said repair	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.819 Leaks: follow-up inspection
39. Replacement Program	Part 192.755 Part 192.489 Part 192.487	Various Rate Case Driven Performance Metric Programs for accelerated replacement of leak prone pipe with and without specific rate relief. Majority of LDC's utilizing risk based programs	Rate Case Performance Metric – LDC Specific	Rate Case Performance Metric – LDC Specific CASE 16-G-0059 17-G-0460 16-G-0061 16-G-0058 16-G-0257 17-G-0239 15-G-0284 18-G-0068 15-G-0286
40. Replacement Program	Part 192.755	Requires replacement of cast iron under certain encroachment conditions	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter	§255.756 Replacement of exposed or undermined cast iron piping §255.757 Replacement of cast iron mains





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			C Safety, Part 255 Transmission and Distribution of Gas	paralleling excavations
41. Replacement Program	Part 192.614	Requirements for the replacement, venting and/or surveillance of small diameter cast iron main encroached by undermine or parallel excavation	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.756 Replacement of exposed or undermined cast iron piping §255.757 Replacement of cast iron mains paralleling excavations
42. Authority Beyond OPS	Part 192.3	Requirements for issuance of Warning Tags	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 261 Piping Beyond the Meter	§261.51 Warning Tag Procedure §261.55 Warning Tag Inspection
43. Authority Beyond OPS	None	Department of Public Service participates in all rate cases	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume A, Chapter 1 Rules of Procedure, Sub Chapter A General, Part 4 Hearings Section 4.3(b)	Section 4.3 (b)
44. Extended LDC Responsibility	Part 192.3	Requirements for O&M of piping beyond outlet of customer meter. Procedures required to comply with the provisions of the leakage survey, carbon monoxide, and warning tag sections of NYCRR Part 261	216 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 261 Piping Beyond the Meter	§261.15(a) Operation and Maintenance Plan





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
45. Extended LDC Responsibility	Part 192.3	Whenever the operator performs a leakage survey, as required by sections 255.706 or 255.723 of NYCRR Part 255, said survey is to include all known underground gas piping beyond the outlet of the customers' meter	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 261 Piping Beyond the Meter	§261.17 Leakage Surveys §255.706 Transmission lines: leakage surveys §255.723 Distribution systems: leakage surveys and procedures
46. Extended LDC Responsibility	Part 192.3	Operator owns service line regardless of meter location	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter A Service, Part 230 Extension of Main and service lines – Gas Corporations	§230.1 Definitions
47. Extending LDC Responsibility	NTSB Accident Report NTSB/PAR-19/01 PB2019-100722 Recommendation NTSB Accident Report NTSB/PAR-15/01 PB2015-104889 Recommendation	Operators are required to distribute Residential Methane Detectors	New York State Public Service Commission Rate Case Programs in Multiple Dockets NY PSC Press Release 7/12/2018	Rate Case Programs – LDC Specific CASE 17-G-0460 16-G-0061/19-G-0066 16-G-0059/19-G-0309 16-G-0058/19-G-0310 17-G-0239 19-G-0379 14-G-0494/18-G-0068 19-G-0381
48. Cathodic Protection	Part 192.483	Operator must complete action to reestablish cathodic protection to the required level prior to the next annual testing or within one calendar year	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255	§255.483(d) §255.483(e) Remedial measures: general





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		For areas of active corrosion operator shall provide cathodic within one calendar year or replace the section of pipeline within two calendar years	Transmission and Distribution of Gas	
49. Cathodic Protection	Part 192.467	Additional requirements limiting step and touch voltages to 15 V for pipelines constructed after December 1, 1993, and are located parallel and in close proximity to or crosses underneath an overhead high-voltage (69 kV or higher) electric transmission facility	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.467(g) External corrosion control: electrical isolation
50. Design/Install Requirements	Part 192.199	Requirement for 50' separation between regulators and/or OP devices for new 2 stage regulator installations and/or existing above ground stations supplying low pressure pipelines	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.199(b) Requirements for design of pressure relief and limiting devices
51. Design/Install Requirements	Part 192.229	Specified welding standards Requirement for qualified welder not limited to pipelines operating at or above 20% SMYS	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.229(c) Limitations on welders
52. Design/Install Requirements	Part 192.241	Requires that butt welds on each pipeline with a nominal diameter	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16	§255.241(b) Inspection and test of welds





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		greater than 2 inches and operating at 125 PSIG or more MUST be nondestructively tested in accordance with section 255.243	Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	
53. Design/Install Requirements	Part 192.241	Requirement for qualified welding inspector on pipelines to be operated at 125 PSIG or more. Restricts welder from inspecting his/her own welds for the purpose of determining the acceptability of the welds as required by section 255.241	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.244 Welding inspector
54. Design/Install Requirements	Part 192.59	Prohibits use of used plastic in new or replacement installations. This does not prohibit the reactivation of a plastic pipeline	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.59(c) Plastic Pipe
55. Design/Install Requirements	Part 192.327	Pipe which is installed in areas actively cultivated for commercial farm purposes in at least two out of the last five years, as identified by the farmland operator, shall be installed with a minimum cover of 40 inches	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.327(e) Cover
56. Design/Install Requirements	Part 192.325	Prescribes requirements for at least 12 inches of clearance from any other underground	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service	§255.325(a) §255.325(b) Underground clearance





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		structure not associated with the transmission line but allows a minimum of 2 inches if this clearance cannot be attained provided the transmission line is protected from damage that might result from the proximity of the other structure The same minimum is prescribed for distribution mains; however initial clearance requires at least 6 inches	Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	
57. Design/Install Requirements	Part 192.325	Requires same aforementioned clearance and/or protection for plastic transmission or distribution mains	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.325(c) Underground clearance
58. Design/Install Requirements	Part 192.703	Example: The provisions of: sections 255.705, 255.706, 255.709, 255.711, 255.713, 255.715, 255.717, and 255.719 shall pertain, as applicable, to all transmission lines, and all distribution mains operating at 125 PSIG or more in Class 3 and 4 locations with exception of IMP	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.703(c) General
59. Design/Install Requirements	Part 192.181	Requirement for an inlet an outlet valve	16 (NYCRR) New York Compilation of	§255.181(b) §255.181(c)





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		for distribution regulator stations at distance of at least 50' but no more than 1000'	Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	Distribution line valves
60. Design/Install Requirements	Part 192.112	Additional design requirements for steel pipe using alternative maximum allowable operating pressure NYS does not allow the use of composite pipes which would be permissible under federal alternative maximum allowable operating pressure	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.737 Pipe-type and bottle-type gas holders
61. Design/Install Requirements	Part 192.177	NYS does not allow the use of bottle-type holders	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.737 Pipe-type and bottle-type gas holders
62. Design/Install Requirements	Part 192.287	Additional provisions for plastic pipe: Inspection of joints	New York State Public Service Commission Order issued May 15, 2015 (§255.287)	New York State Public Service Commission Order issued May 15, 2015, Ordering Clause # 7 (a) and (b)
63. Enhanced Record Keeping	Part 192.743	Requirement for annual review of the required capacity and comparison with relieving capacity of the installed equipment for the operating conditions under which it works	16 (NYCRR) New York Compilation of Rules and Regulations, V Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.743(c) Pressure-limiting and -regulating stations: testing relief device





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
64. Enhanced Record Keeping	Part 192.517	Requirement to retain all test records for life of pipeline. Lifetime Records Requirement for strength Testing	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.517 Records
65. Enhanced Record Keeping	Part 192.745	Emergency valve location for transmission line must be designated on records	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.745(b) Valve maintenance: transmission lines
66. Enhanced Record Keeping	Part 192.747	Emergency valve location for distribution lines must be designated on records	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.747(c) Valve maintenance: distribution systems
67. Inactive Services	Part 192.727	Prescribes 6 year limit for inactive services at which time cut-off at main is required (Deadline Requirement)	16 (NYCRR) New York Compilation of Rules and Regulations, Title 16 Public Service Commission, Volume B Chapter 3 Gas Utilities, Sub Chapter C Safety, Part 255 Transmission and Distribution of Gas	§255.726(c) Inactive Service Lines
68. Stronger Enforcement Penalties	Part 190.223	For combination Gas and Electric Companies Commission can	Laws of New York, PBS Public Service Article 1 The	Section 25-a Combination gas and electric corporations;





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		penalize the greater of up to .02% of Annual Gross Revenues with no limit or \$100,000 for each day of a continuing violation for violation of regulation or order (not dependent upon fatality, bodily injury or property damage involved)	Department of Public Service Section 25-a	administrative sanctions; recovery of penalties
69. Stronger Enforcement Penalties	Part 190.223	For gas-only companies that violate PSC regulations or Orders (independent of deaths, injuries), penalty is \$100,000/day for each day of a continuing offense with no upper limit	Laws of New York, PBS Public Service Article 1 The Department of Public Service Section 25	Section 25 Penalties
70. Stronger Enforcement Penalties	Part 190.223	For gas-electric combination operators, for violations causing or contributing to death, injury, or property damage >\$50,000, penalty is greater of \$250,000 or 0.03% (GBP) of annual gross revenue (\$500,000 or 0.04% negligence). Each day of continuing violation is not a separate and distinct offense	Laws of New York, PBS Public Service Article 1 The Department of Public Service Section 25-a	Section 25-a Combination gas and electric corporations; administrative sanctions; recovery of penalties
71. Stronger Enforcement Penalties	Part 190.223	Establishes a Gas Safety performance metric for violations that occur over time with “High Risk Violations” assessed between .25 % and	New York Public Service Commission Order Dec 7 2012 Settlement Agreement Docket CASE 12-G-0202	Appendix 8 List of Identified High Risk and Other Risk Pipeline Safety Regulations

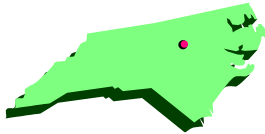




Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		1% of ROE and "Other Risk Violations assessed between .11% and .33% of ROE		
72. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections

National Association of Pipeline Safety Representatives





North Carolina

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North Carolina

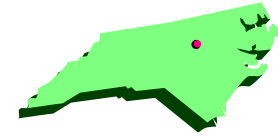
Key Stats

State Agency	North Carolina Utilities Commission
Division	
Department	Natural Gas Pipeline Safety Section
Web	https://www.ncuc.net/Industries/naturalgas/pipelinesafety.html
Regulated Intrastate Pipeline Systems	97
Regulated Master Meter Operators	1
Regulated LNG Systems	3
Regulated Hazardous Liquid Systems	0
Regulated LPG Operators	0
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	17

Applicable Requirement in CFR

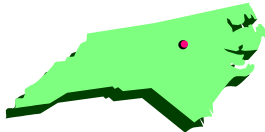
Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.1	Requires Incident Reports at \$5K level	North Carolina Utilities Commission Rules and Regulations Chapter 6 Natural Gas Article 8 Safety	Rule R6-41 (b) Gas leaks and annual reports.
2. Enhanced Reporting	Part 191.1	Requires monthly reporting service interruptions affecting 50 or more customers and remediation methods to prevent recurrence	North Carolina Utilities Commission Rules and Regulations Chapter 6 Natural Gas Article 2 Records and Reports	Rule R6-5. Data to be filed with the Commission
3. Enhanced Reporting	Part 192.605 Part 192.615 Part 191.3	File contact Information for a. General management duties. b. Customer relations (complaints). c. Engineering operations. d. Meter tests and repairs. e. Emergencies during non office hours	North Carolina Utilities Commission Rules and Regulations Chapter 6 Natural Gas Article 2 Records and Reports	Rule R6-5. Data to be filed with the Commission
4. Enhanced Reporting	Part 191.3	Each gas utility shall file annually an updated map of	North Carolina Utilities Commission Rules and Regulations	Rule R6-5(4)





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		operating area and facilities	Chapter 6 Natural Gas, Article 2 Records and Report	Data to be filed with the Commission
5. Enhanced Reporting	Part 192.305	A copy of the utility's construction and operational budget filed annually	North Carolina Utilities Commission Rules and Regulations Chapter 6 Natural Gas, Article 2 Records and Report	Rule R6-5(4) Data to be filed with the Commission
6. More Direct Oversight	Part 192.305	Requires 30 day advance notice of construction activities involving pipelines greater than 100 psig for Commission inspections , 24 hrs prior to pressure testing and 60 day post operation a certifying report	North Carolina Utilities Commission Rules and Regulations Chapter 6 Natural Gas, Article 2 Records and Reports	Rule R6-5 Data to be filed with the Commission
7. More Direct Oversight	Part 192.617	Each utility shall give reasonable assistance to the Commission in the investigation of accidents and in the determination of preventing accidents and maintain summary of reportable accidents.	North Carolina Utilities Commission Rules and Regulations Chapter 6 Natural Gas, Article 8 Safety.	Rule R6-38(b, c) Protective Measures.
8. Training/Qualifications	Part 192.605(b)(9)	Each utility shall adopt a safety program and require employees to use safe methods, appropriate tools and be instructed on hazards of electrical shock, asphyxiation, drowning and methods of artificial respiration.	North Carolina Utilities Commission Rules and Regulations Chapter 6 Natural Gas, Article 8 Safety	Rule R6-39(a) Safety Program.
9. Response to Leaks	Part 192.615	All gas leaks are considered emergencies and require emergency response	North Carolina Utilities Commission Rules and Regulations Chapter 6 Natural Gas, Article 8 Safety	Rule R6-41 (a) Gas leaks and annual reports
10. Authority Beyond OPS	Part 192.605	Customer Piping must be Pressure Tested and Leak Tested in	North Carolina Utilities Commission Rules and Regulations	Rule R6-40 Customers Piping



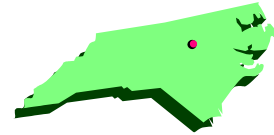


North Carolina

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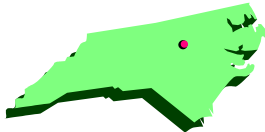
Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		Conformance with NFPA 54 before gas is turned on	Chapter 6 Natural Gas, Article 8 Safety	
11. Authority Beyond OPS	Part 192.1	Safety rules apply to both intrastate and certain interstate natural gas companies.	North Carolina Utilities Commission Rules and Regulations Chapter 6 Natural Gas, Article 1, General	Rule R6-1 Application of Rules.
12. Design/Install Requirements	Part 192.7 Part 192.303 Part 192.305	Construct, install, maintain, operate per "Good Engineering" defined by incorporating following standards: 1) Latest edition of NFPA 54, 2) "Standard Methods of Gas Testing", Circular No. 48, National Bureau of Standards, 1961 or American Meter Handbook E-4 3) "Testing Large Capacity Rotary Gas Meters", Research Paper No. 1741, National Bureau of Standards Journal of Research, September, 1946. 4) "Orifice Metering of Natural Gas", Report No.3 of the AGA Gas Measurement Committee 5) Reports prepared by the Practical Methods Committee of the Appalachian Gas Measurement Short Course, West Virginia	North Carolina Utilities Commission Rules and Regulations Chapter 6 Natural Gas, Article 5 Engineering	Rule R6-20. Requirement for good engineering practice





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		University, as follows: Report No.1, "Method of Testing Large Capacity Displacement Meters". Report No.2, "Testing Orifice Meters". Report No.3, "Designing and Installing Measuring and Regulating Stations". Report No.4, "Useful Tables for Gas Men". Report No.5, "Prover Room Practices"		
13. Design/Install Requirements	Part 192.741	Each utility must have accurate pressure and flow measuring equipment and keep calibration certificates including a dead weight tester	North Carolina Utilities Commission Rules and Regulations Chapter 6 Natural Gas, Article 7 Standards of Quality Service	Rule R6-33 Standards for Pressure Measurements
14. Risk Based Approaches	Part 192.613	Each utility must adopt a program of inspection of its gas plant in order to determine the necessity for replacement and repair.	North Carolina Utilities Commission Rules and Regulations Chapter 6 Natural Gas, Article 5 Engineering	Rule R6-24 Inspection of Gas Plant.
15. Enhanced Record Keeping	Part 191.3	All records required by rules shall be kept within state and available for examination and follow NARUC retention policies	North Carolina Utilities Commission Rules and Regulations Chapter 6 Natural Gas, Article 2 Records and Reports	Rule R6-3 Location of Records Rule R6-4 Retention of Records
16. Enhanced Record Keeping	Part 192.741	Pressure Recording Records shall be kept for 2 years	North Carolina Utilities Commission Rules and Regulations Chapter 6 Natural Gas,	Rule R6-32 Pressure Surveys and Records





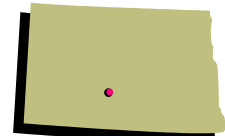
North Carolina

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
17. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	Article 7 Standards of Quality Service None	Inspection Forms and Frequency Operator Inspections

National Association of Pipeline Safety Representatives





North Dakota

Key Stats	
State Agency	North Dakota Public Service Commission
Division	Gas Pipeline Safety
Department	Compliance and Competitive Markets Division
Web	http://psc.nd.gov/jurisdiction/pipelines/index.php
Regulated Intrastate Pipeline Systems	9
Regulated Master Meter Operators	2
Regulated LNG Systems	0
Regulated Hazardous Liquid Systems	0
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	0

Applicable Requirement in CFR

There are no safety initiatives in North Dakota that are more stringent than Federal Regulations.

The North Dakota Codified Laws in chapter 49-02-01.2. *Pipeline safety - Public service commission jurisdiction – Hazardous Facility orders.* state:

The commission, by rule, may establish and enforce minimum safety standards for the design, construction, and operation of gas distribution facilities and intrastate pipeline facilities used for the distribution and intrastate transportation of gas, liquefied natural gas, or hazardous liquids, regardless of whether they are owned or operated by a public utility, in order to ensure the reasonable safety thereof. Any rule issued under this section affecting the design, installation, construction, initial inspection, and initial testing is not applicable to pipeline facilities in existence on the date such rule is adopted. **Such rules may not be more stringent** than the corresponding federal regulations applicable to interstate pipelines and related facilities.





Ohio

Key Stats

State Agency	Ohio Public Utilities Commission
Division	Service Monitoring and Enforcement
Department	Gas Pipeline Safety Section
Web	https://puco.ohio.gov/utilities/gas/resources/natural-gas-pipeline-safety-in-ohio
Regulated Intrastate Pipeline Systems	102
Regulated Master Meter Operators	33
Regulated LNG Systems	0
Regulated Hazardous Liquid Systems	0
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	15

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPar	Additional or More Stringent State	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.3	Requires telephonic notice within 2 hours of interruptions of gas service for >100 customers that exceed a duration of 2hours (This combined criteria is considered a “service failure”)	Ohio Administrative Code , Chapter 4901:1 Utilities, Section 1-16, Gas Pipeline Safety	4901:1-16-05 (A) Notice and reports of service failures and incidents; twenty-four hour contacts; one-call participation; post-incident testing; and cast iron pipeline program
2. Enhanced Reporting	Part 191.9	Requires annual summary report of all service failures plus federally reportable incidents	Ohio Administrative Code , Chapter 4901:1 Utilities, Section 1-16, Gas Pipeline Safety	4901:1-16-05 (B) (4) Notice and reports of service failures and incidents; twenty-four hour contacts; one-call participation; post-incident testing; and cast iron pipeline program





Category	Federal Regulation Part/SubPar	Additional or More Stringent State	State Source Type {Law/Rule/Order}	State Source Detail
3. Enhanced Reporting	Part 192.605 Part 192.615	Requires that all operators file an annual 24-hour emergency contact report	Ohio Administrative Code , Chapter 4901:1 Utilities, Section 1-16, Gas Pipeline Safety	4901:1-16-05 (D) Notice and reports of service failures and incidents; twenty-four hour contacts; one-call participation; post- incident testing; and cast iron pipeline program
4. Enhanced Reporting	Part 191.11(b)	Master meter operators must file an annual report	Ohio Administrative Code , Chapter 4901:1 Utilities, Section 1-16, Gas Pipeline Safety	4901:1-16-07 (B) Master meter systems and safety inspections.
5. Enhanced Reporting	Part 191.9 Part 192.15	For each incident and service failure report, requires interim reports at intervals of no more than sixty days until a final report is submitted	Ohio Administrative Code , Chapter 4901:1 Utilities, Section 1-16, Gas Pipeline Safety	4901:1-16-05 (B) (3) Notice and reports of service failures and incidents; twenty-four hour contacts; one-call participation; post-incident testing; and cast iron pipeline program
6. More Direct Oversight	Part 192.305	Requires reporting for new construction projects >\$200,000 or >10% of system value	Ohio Administrative Code , Chapter 4901:1 Utilities, Section 1-16, Gas Pipeline Safety	4901:1-16-06 Construction Reports
7. Operator Qualifications	Part 192.801	Distribution operators shall incorporate new construction, including riser installation, as a part of their operator qualification requirements	Ohio Administrative Code , Chapter 4901:1 Utilities, Section 1-16, Gas Pipeline Safety	4901:1-16-06 Construction reports





Ohio

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Category	Federal Regulation Part/SubPar	Additional or More Stringent State	State Source Type {Law/Rule/Order}	State Source Detail
8. Response to Leaks	Part 192.723	Sets requirements for leak grading and repair	Ohio Administrative Code , Chapter 4901:1 Utilities, Section 1-16, Gas Pipeline Safety	4901:1-16-04 Records, maps, inspections, and leak classifications
9. Replacement Program	Part 192.487	Requires replacement of cast iron mains and services through the Accelerated Main Replacement Program	Ohio Administrative Code , Chapter 4901:1 Utilities, Section 1-16, Gas Pipeline Safety	4901:1-16-05 (E) Notice and reports of service failures and incidents; twenty-four hour contacts; one-call participation; post-incident testing; and cast iron pipeline program
10. Authority beyond OPS (not rate)	Part 192.9	Requires that gathering operators including Class 1 conform to emergency contact reporting requirements	Ohio Administrative Code , Chapter 4901:1 Utilities, Section 1-16, Gas Pipeline Safety	4901:1-16-05 Notice and reports of service failures and incidents; twenty-four hour contacts; one-call participation; post-incident testing; and cast iron pipeline program
11. Authority beyond OPS (not rate)	Part 192.305	Requires that gathering operators conform to construction requirements	Ohio Administrative Code , Chapter 4901:1 Utilities, Section 1-16, Gas Pipeline Safety	4901:1-16-06 (A) Construction Reports
12. Authority beyond OPS (not rate)	Part 192.3 Part 192.8 Part 192.9	Grants jurisdictional authority over gas gathering pipelines other than those regulated by 49 C.F.R. 192	Ohio Revised Code, 4905 Public Utilities Commission – General Powers	4905.90 Natural gas pipeline safety standards definitions 4905.911 Compliance with federal design requirements

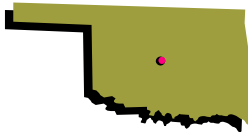




Category	Federal Regulation Part/SubPar	Additional or More Stringent State	State Source Type {Law/Rule/Order}	State Source Detail
13. Extending LDC Responsibility	Part 192.703	Distribution operators must inspect master meter systems upon request of Safety Section or master meter operator	Ohio Administrative Code , Chapter 4901:1 Utilities, Section 1-16, Gas Pipeline Safety	4901:1-16-07 Master meter systems and safety inspections
14. Enhanced Record Keeping	Part 192.476(d) Part 192.603(b) Part 192.723	Requires that records showing compliance with CFR 192 be retained for three years	Ohio Administrative Code , Chapter 4901:1 Utilities, Section 1-16, Gas Pipeline Safety	4901:1-16-04 Records, maps, inspections, and leak classifications
15. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections

National Association of Pipeline Safety Representatives





Oklahoma

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Oklahoma

Key Stats

State Agency	Oklahoma Corporation Commission
Division	Transportation Division
Department	Pipeline Safety Department
Web	https://oklahoma.gov/occ/divisions/transportation/pipeline-safety.html
Regulated Intrastate Pipeline Systems	156
Regulated Master Meter Operators	95
Regulated LNG Systems	
Regulated Hazardous Liquid Systems	33
Regulated LPG Systems	
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	8

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.3	Requires Incident Reports at \$5K level	Oklahoma Administrative Code Title 165. Corporation Commission, Chapter 20. Gas & Hazardous Liquid Pipeline Safety	OAC 165:20. 5-1 Definitions
2. Enhanced Reporting	Part 191.3	Requires Incident Notification within 1 hour to 2 hours	Oklahoma Administrative Code Title 165. Corporation Commission, Chapter 20. Gas & Hazardous Liquid Pipeline Safety	OAC 165:20. 5-11 Telephonic notice of certain incidents
3. Enhanced Reporting	Part 191.3	Requires Reports of all building evacuations involving gas	Oklahoma Administrative Code Title 165. Corporation Commission, Chapter 20. Gas & Hazardous Liquid Pipeline Safety	OAC 165:20. 5-15 Telephonic notice of an evacuation of a building
4. Enhanced Reporting	Part 191.22	Requires Notification of Change of Ownership within 5 days of completion of agreement	Oklahoma Administrative Code Title 165. Corporation Commission, Chapter 20. Gas & Hazardous Liquid Pipeline Safety	OAC 165:20. 5-4 OAC 165:20. 7-4 Change of Ownership



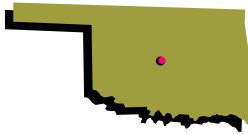


Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
5. More Direct Oversight	Part 192 305	Requires 7 day (or immediate if emergency with 5 day follow-up) advance notice of construction activities greater than 1 mile for Commission inspections	Oklahoma Administrative Code Title 165. Corporation Commission, Chapter 20. Gas & Hazardous Liquid Pipeline Safety	OAC 165:20. 5-32 OAC 165:20. 7-2 Notice requirements for construction
6. Authority beyond OPS	Part 192.605	Gas Companies shall not furnish gas to residences where customer house piping does not conform to NFPA 54	Oklahoma Administrative Code Title 165. Corporation Commission, Chapter 20. Gas & Hazardous Liquid Pipeline Safety	OAC 165:20. 5-34 Restrictions on connections to consumers
7. Authority beyond OPS	Part 191.3	Gathering lines not subject to Part 192 are required to report incidents to OCC	Oklahoma Administrative Code Title 165. Corporation Commission, Chapter 20. Gas & Hazardous Liquid Pipeline Safety	OAC 165:20. 10-3 Telephonic notice of certain non-DOT gathering pipeline incidents
8. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections

State statutes limit the safety initiatives in Oklahoma that are more stringent than Federal Regulations. There are only a few exceptions regarding notifications that are allowed. The Oklahoma Statutes Citationized in Title 52. Oil and Gas Chapter 1 - Gas Pipelines and Companies Pipelines (Act of 1907) in Section 5 - *Construction and Operation of Pipelines - Safety Regulations - Markers - Personnel - Expenses* states

- A. The Corporation Commission is hereby authorized, directed and empowered to promulgate, adopt and enforce reasonable rules establishing minimum state safety standards for the design, construction, maintenance and operation of all pipelines used for the transmission and distribution of natural gas in this state. **However, except as otherwise provided in subsection B of this section, the Commission shall not promulgate, enforce or interpret any rule or regulation unless such rule, regulation or interpretation shall be consistent with and no more restrictive than the rules, regulations and interpretations of the United States Secretary of Transportation for pipeline transportation and pipeline facilities.** When any such transmission pipeline shall be constructed, operated or maintained under, through and across a highway, section-line road or improved public road or street, there shall be erected directly above where such pipeline enters or leaves said highway, section-line road or improved public road or street, a suitable sign or marker stating thereon the name of the owner of such pipeline and such other information as the Corporation Commission may by rule direct.
- B. The Commission is authorized and directed to promulgate and enforce reasonable rules relating to an incident on a gathering pipeline unit not subject to the U.S. Department of Transportation Pipeline Safety Regulations, codified at 49 CFR Parts 191 and 192, provided that such rules of the Commission **are limited to the following specified areas:** telephonic notification of and a written report about the incident which shall be consistent with and require no more information than the rules, regulations and interpretations issued by the U.S. Department of Transportation Pipeline Safety Regulations relating to the reporting of incidents, maps depicting the location of the incident, and reasonable corrective measures to the gathering pipeline unit involved in the incident.





Oklahoma

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National Association of Pipeline Safety Representatives





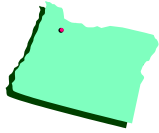
Oregon

Key Stats	
State Agency	Oregon Public Utilities Commission
Division	Utility Safety, Reliability and Security Division
Department	Gas Pipeline Safety
Web	https://www.oregon.gov/puc/safety/Pages/Gas-Pipeline-Safety.aspx
Regulated Intrastate Pipeline Systems	15
Regulated Master Meter Operators	3
Regulated LNG Systems	2
Regulated LPG Systems	0
Regulated Hazardous Liquid Systems	0
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	9

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.3	Incident must be reported at \$5K property damage level	Oregon Administrative Rules, Chapter 860 Public Utilities Commission, Division 24 Safety Standards Installation of Service	860-024-0050 (1) Incident Reports
2. Enhanced Reporting	Part 191.3	Report interruptions to 50 or more customers or greater than 2 hours	Oregon Administrative Rules, Chapter 860 Public Utilities Commission, Division 24 Safety Standards, Installation of Service	860-024-0050 (1) Incident Reports
3. Damage Prevention	Part 192.321	Tracer wire or other similar conductive marking tape or device with the facility to allow for later location and marking shall be placed if within ROW	Oregon Administrative Rules, Chapter 952 Oregon Utility Notification Center, Division 1	952-001-0070 Operators to Mark Underground Facilities or Notify Excavator that None Exist
4. Damage Prevention	Part 192.614 Part 191.23	Geo-hazard Program A full-time geologist keeps tabs on the rainfall in areas of geologic interest. analyzes the stability	Oregon Public Utility Commission Order No. 01-843, Sept 25, 2001, Docket # Um1030	Stipulation





Oregon

State Page Last Revised: Sept 2013

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		of pipeline system and recommends adjustments to ensure safety and to avert damage from landslides and ground movements of all kinds		
5. Replacement Program	Part 192.487	Replace Bare Steel in Accelerated Program with rate relief.	Oregon Public Utility Commission Order No. 01-843, Sept 25, 2001, Docket # Um1030	Stipulation
6. Extending LDC Responsibility	Part 192.361	Each gas utility shall furnish, own, operate, maintain, and replace the service connections when needed.	Oregon Administrative Rules, Chapter 860 Public Utilities Commission, Division 21 Utility Regulation, Installation of Service	860-021-0050 Installation of Gas Service
7. Design/Install Requirements	Part 192.325	Requires 12 inch separation of electric underground facilities from gas underground facilities	Oregon Administrative Rules, Chapter 860 Public Utilities Commission, Division 24 Safety Standards, General	860-024-0010 Construction, Operation, and Maintenance of Electrical Supply and Communication Lines
8. State Inspection Programs	Part 190.203	Priority in inspections will be given to those systems and plants with greater risk potential. The following factors will be considered in determining potential risk: the size of the plant or system and the number of customers it serves, the ratio of total pipe to cathodically protected pipe, the ratio of total pipe to coated pipe, the leaks per mile of main, the percentage of unaccounted-for gas volume, and the	Oregon Administrative Rules, Chapter 860 Public Utilities Commission, Division 31 Inspection Of Gas Pipeline Operators And Waiver Of Safety Standards	860-031-0005 Inspection of Gas Pipeline Operator Facilities

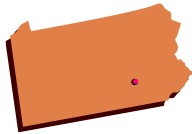




Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
9. State Inspection Program	Part 190.203	number of past accidents. More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections

National Association of Pipeline Safety Representatives





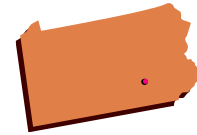
Pennsylvania

Key Stats	
State Agency	Pennsylvania Public Utility Commission
Division	Transportation and Safety
Department	Gas Safety Division
Web	http://www.puc.state.pa.us/consumer_info/natural_gas/pipeline_safety.aspx
Regulated Intrastate Pipeline Systems	114
Regulated Master Meter Operators	12
Regulated LNG Systems	3
Regulated Hazardous Liquid Systems	6
Regulated LPG Operators	6
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	17

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.3	Requires Reports of all outages greater than 2,500 customers or 5% of the system whichever is less	PA Code Title 52 Public Utilities Part I Public Utilities Commission Sub Part C Fixed Utilities Services Chapter 67 Service Outages	§ 67.1 . General Provisions
2. Enhanced Reporting	Part 191.22 Part 195.49	Requires annual registration with the PA PUC of all pipeline operators that are not utilities that have intrastate facilities including gathering in Class 2, 3 and 4 locations, LP operators, cooperatives and municipal operators. Report shall include: Operator name: Federal ID number: Operator Mileage:	Act 127 of 2011 – The Gas and Hazardous Liquids Pipeline Act; Assessment of Pipeline Operators PA PUC Final Order June 7 2012 Docket No. M-2012-2282031	PA Pipeline Operator Annual Registration Form including Attachments A, B, C

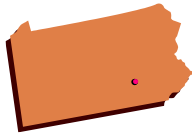




Contact Information:
 Emergency Contact
 Information:
 Class Location :
 County Location:
 Country of Origin for
 Pipeline Manufacturer :

<p>3. Enhanced Reporting</p> <p>Part 191.11</p>	<p>Requires annual submission of calculation of Lost and Unaccounted For Gas for the following: (1) Distribution System Losses (2) Transmission System Losses (3) Storage Systems (4) Production/Gathering System Losses</p>	<p>PA PUC Final Order April 4 2013 Docket No. L-2012-2294746</p> <p>PA Code (Rule) Title 52 Public Utilities Part I Public Utilities Commission Sub Part C Fixed Utilities Services Chapter 59 Gas Service</p>	<p>§ 59.111. Unaccounted For Gas</p>
<p>4. Enhanced Reporting</p> <p>Part 191.11</p>	<p>Requires submission of Long-term Infrastructure Improvement Plan to qualify for DSIC (distribution system improvement charge) to include: (1) type/age of eligible property; (2) schedule for repair/replacement; (3) location of eligible property; (4) quantity of property to be improved; (5) projected expenditures and measures to ensure that the plan is cost effective; and, perhaps most importantly and relevant to our Tentative Order in this matter, (6) the manner in which replacement of aging infrastructure will be accelerated</p>	<p>Act 11 of 2012 – The Gas and Hazardous Liquids Pipeline Act; Assessment of Pipeline Operators</p> <p>PA PUC Final Order Feb 28 2013 Docket No. M-2011-2271982</p>	<p>Individual Plans are Company Specific and contained within the Final Order</p>
<p>5. More Direct Oversight</p> <p>Part 192.305</p>	<p>Requires 30 day Advance Report of Project Construction, Reconstruction, Maintenance Projects</p>	<p>PA Code Title 52 Public Utilities Part I Public Utilities Commission Sub Part C Fixed Utilities Services</p>	<p>§ 59.38. Filing of Major Construction Reports</p>



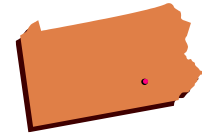


Pennsylvania

State Page Last Revised: Jan 2020

			>\$300,000 or 10% of Plant in Service	Chapter 59 Gas Service	
6.	More Direct Oversight	Part 191.11	Requires 0.5% reduction per year of Lost and Unaccounted For Gas until below the 3% level.	PA PUC Final Order April 4 2013 Docket No. L-2012-2294746 PA Code (Rule) Title 52 Public Utilities Part I Public Utilities Commission Sub Part C Fixed Utilities Services Chapter 59 Gas Service	§ 59.111. Unaccounted For Gas
7.	Operating Pressure	Part 192.623 Part 192.197	Limits pressures after service regulator to minimum of 2 in w.c. and maximum of 14 in w.c.	PA Code Title 52 Public Utilities Part I Public Utilities Commission Sub Part C Fixed Utilities Services Chapter 59 Gas Service	§ 59.29 Gas Pressure Requirements
8.	Damage Prevention	Part 192.614	States pipeline safety program acts as the basis of enforcement actions for State one-call damage prevention program	Previous Act 287	Act 50 of 2017
9.	Meter Location /Protection	Part 192.353 Part 192.357	Customer meters and service regulators have 12 specific requirements regarding location and installation considerations and limitations	Title 52, Part I, Subpart C, Chapter 59 Docket No. L-2009-2107155	§ 59.18 Meter and Regulator Location
10.	Leak Tests	Part 192.723	Requires repeated leak surveys during frost conditions (winter)	PA PUC Final Order Dec 22 2011 Docket No. M-2011-2271982	Individual Plans are Company Specific and contained within the Final Order
11.	Replacement Program	Part 192.489	Requires Cast Iron/BS mains and services Accelerated Replacement Program with Rate Adder	PA PUC Final Order Feb 28 2013 Docket No. M-2011-2271982	Individual Plans are Company Specific and contained within the Final Order
12.	Authority Beyond OPS	None	Gas Safety Division participates in rate cases and other proceedings	PA Code Title 52 Public Utilities Part I Public Utilities Commission Sub Part A General Provisions	§ 1.8 Definitions § 1.72 Content and Review of Formal Case Files § 1.82 Withdrawal or Termination



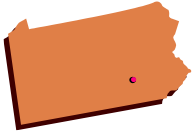


Chapter 1 Rules of Administrative Practice and Procedure
 Chapter 3 Special Provisions
 Chapter 5 Formal Proceedings

§ 3.112 Action on Informal Complaints
 § 3.113 Resolution of Informal Investigations
 § 5.21 Formal complaints generally
 § 5.31 Staff Initiated Complaints
 § 5.41 Petitions generally
 § 5.42 Petitions for declaratory orders
 § 5.44 Petitions for appeal from actions of the staff.
 § 5.201 Notice of proceeding; hearing; waiver of hearing.

13. Extending LDC Responsibility	Part 192.723	Requires LDC to Leak Survey Customer Owned Service Lines beyond the 192 jurisdiction, leave Tag for Non Accessible Sites, shutoff service if no repair are made to hazardous leaks	PA Code Title 52 Public Utilities Part I Public Utilities Commission Sub Part C Fixed Utilities Services Chapter 59 Gas Service	§ 59.34 Leakage Surveys of customer owned lines beyond the meter
14. Design/Install Requirements	Part 192.144	Orifice Metering must be constructed and maintained per 1978 AGA GMC Report #3	PA Code Title 52 Public Utilities Part I Public Utilities Commission Sub Part C Fixed Utilities Services Chapter 59 Gas Service	§ 59.28 Installations
15. Enhanced Record Keeping	Part 192.605	Requires Maps to contain size, character, location, drip, street valve, district regulator & service connection	PA Code Title 52 Public Utilities Part I Public Utilities Commission Sub Part C Fixed Utilities Services Chapter 59 Gas Service	§ 59.37 Maps, Plans, Records
16. Inactive Services	Part 192.727	Inactive Service must be cutoff if greater than 3 months if BS/CI with	PA Code Title 52 Public Utilities Part I Public Utilities Commission	§ 59.36 Inactive Services





Pennsylvania

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		annual status reports and leakage survey	Sub Part C Fixed Utilities Services Chapter 59 Gas Service	
17. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections

National Association of Pipeline Safety Representatives





Puerto Rico

Key Stats		Puerto Rico	
State Agency		Department of Transportation and Public Works	
Division			
Department			
Web		https://www2.pr.gov/Pages/default.aspx	
Regulated Intrastate Pipeline Systems	1		
Regulated Master Meter Operators	2		
Regulated LPG Operators	5		
Regulated LNG Systems	1		
Regulated Hazardous Liquid Systems	0		
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	0		

Applicable Requirement in CFR

There are no safety initiatives in Puerto Rico that are more stringent than Federal Regulations. The Federal Regulations are incorporated by reference including all federal advisory bulletins, and federal interpretations.





Rhode Island

Key Stats

State Agency	Rhode Island Division of Public Utilities & Carriers
Division	Public Utilities & Carriers
Department	Engineering
Web	http://www.ripuc.ri.gov/utilityinfo/natgas/Pipeline_safety.html
Regulated Intrastate Pipeline Systems	1
Regulated Master Meter Operators	25
Regulated LNG Systems	2
Regulated Hazardous Liquid Systems	0
Regulated LPG Operators	14
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	21

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.3	Requires Incident Reports with no minimum defined \$\$\$ level, no requirement for in-patient hospitalization, all excavating damages, involvement by police, fire, and/or media, any house or building being evacuated, and a significant situation determined by the involving either overpressure, loss of system pressure, or outages	RI Administrative Code, Title 815 Division of Public Utilities and Carriers, Chapter 20 Natural Gas and Jurisdictional Propane, Subchapter 00, Part 1 Standards for Gas Utilities, Master Meter Systems and Jurisdictional Propane Systems, Section 815	Subsection 20-00-1.4 (Appendix B) Natural Gas Telephonic Notice Reporting Requirements
2. Enhanced Reporting	Part 192.615	Requires Quarterly Reporting of Response Times to respond to leak calls	Docket #3476 Service Quality Plan established during company merger.	Order 17605 for Applicable sections
3. Enhanced Reporting	Part 191.3	All accidental interruptions of service	RI Administrative Code, Title 815 Division of Public	Subsection 20-00-1.5 Quality of Gas Service. Item C





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		will be reported to the Division of Public Utilities & Carriers at the earliest practical moment	Utilities and Carriers, Chapter 20 Natural Gas and Jurisdictional Propane, Subchapter 00, Part 1 Standards for Gas Utilities, Master Meter Systems and Jurisdictional Propane Systems, Section 815	Interruptions of Service Sub item 4
4. More Direct Oversight	Part 192.305	Requires daily reporting for all pipeline related construction for company crews and contractors	Division standard practice	Division standard practice
5. Operating Pressure	Part 192.201	Limits Over Pressuring Set Levels to < 12 in w.c	RI Administrative Code, Title 815 Division of Public Utilities and Carriers, Chapter 20 Natural Gas and Jurisdictional Propane, Subchapter 00, Part 1 Standards for Gas Utilities, Master Meter Systems and Jurisdictional Propane Systems, Section 81,	Subsection 20-00-1 1.5 Quality of Gas Service Item B Pressure Requirements Sub item 1.
6. Operating Pressure	Part 192.741	Requires installation of SCADA on 20% of regulator stations	Rhode Island Public Utilities Commission Order 20468, Sept 12 2011, Docket #4219 Gas Infrastructure, Safety, and Reliability Plan	See specific Order for Applicable sections
7. Response to Leaks	Part 192.615	Prescribes Standards for Response Times to Emergency/Leaks/Odor Complaints/Evacuations as 90% in 30 minutes during normal bus hours and 90% in 45 minutes during non business hours	Rhode Island Public Utilities Commission Order 17605, November 21 2003, Docket #3476 Service Quality Plan	Item 2 and Item 5 of Order
8. Damage Prevention	Part 192.614 Part 190.221	States Gas Pipeline Safety Division is enforcement authority for all underground	RI General Law R.I.G.L. §39-1.2 Underground Damage Prevention	R.I.G.L. §39-1.2





Rhode Island

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		damage prevention rules of RI		
9. Replacement Program	Part 192.489	Requires Cast Iron/BS mains and services Accelerated Replacement Program with Rate Adder	Rhode Island Public Utilities Commission Order 19991, April 7 2009, Docket #4034 Accelerated Replacement Program for Leak Prone Pipe.	Item 1 of Order
10. Replacement Program	Part 192.353	Requires Relocating all Existing High Pressure Inside Meter sets to the Outside of the facility	Rhode Island Public Utilities Commission Order 19991, April 7 2009, Docket #4034 Accelerated Replacement Program for Leak Prone Pipe.	See specific Order for Applicable sections
11. Replacement Program	Part 192.489	Requires 1800 leak repairs as a result of cast iron joint encapsulation with Rate Adder	Rhode Island Public Utilities Commission Order 20468, Sept 12 2011, Docket #4219 Gas Infrastructure, Safety, and Reliability Plan.	See specific Order for Applicable sections
12. Replacement Program	Part 192.355	Requires replacement of obsolete regulators, replace water intrusion mains identified during last flooding period with Rate Adder	Rhode Island Public Utilities Commission Order 20468, Sept 12 2011, Docket #4219 Gas Infrastructure, Safety, and Reliability Plan	See specific Order for Applicable sections
13. Authority Beyond OPS	Part 192.605	Red Tagging Appliances and observing unsafe conditions in connection or reconnection of gas service and a definition of “Potentially Hazardous Conditions”	RI Administrative Code, Title 815 Division of Public Utilities and Carriers, Chapter 20 Natural Gas and Jurisdictional Propane, Subchapter 00, Part 1 Standards for Gas Utilities, Master Meter Systems and Jurisdictional Propane Systems, Section 815	Subsection 20-00-1.3 Definitions Item A, sub item 21 The Narragansett Electric Company D/B/A National Grid RIPUC NG-Gas No. 101Tariff Language Section 1 General Rules and Regulations Schedule A: General Terms and Conditions





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
				Schedule B: Definitions
14. Authority Beyond OPS	NONE	Routinely participates with Gas Division on Rate Cases and files Witness Testimony	RI Administrative Code, Title 815 Division of Public Utilities and Carriers, Chapter 00 General Administration, Subchapter 00, Part 1 Rules of Practice and Procedure, Section 815	Subsection 20.00-1.3 The Division, Item A Description and Organization Subsection 20.00-1.8 Division Investigation See also Section 1.18 (c) (1) Discovery Section 1.20 (d) Hearings
15. Design/Install Requirements	Part 192.7	The gas facilities of the LDC shall be constructed, installed, maintained and operated in accordance with accepted good engineering practice in the gas industry incorporating by reference NFPA 54 most recent addition	RI Administrative Code, Title 815 Division of Public Utilities and Carriers, Chapter 20 Natural Gas and Jurisdictional Propane, Subchapter 00, Part 1 Standards for Gas Utilities, Master Meter Systems and Jurisdictional Propane Systems, Section 815	Subsection 20-00-1.7 Equipment and Facilities – Item A, Standard Practice Sub Item 2.
16. Design/Install Requirements	Part 192.7	The gas facilities of the LDC shall be constructed, installed, maintained and operated in accordance with accepted good engineering practice in the gas industry incorporating by reference NFPA and 59 most recent addition	RI Administrative Code, Title 815 Division of Public Utilities and Carriers, Chapter 20 Natural Gas and Jurisdictional Propane, Subchapter 00, Part 1 Standards for Gas Utilities, Master Meter Systems and Jurisdictional Propane Systems, Section 815	Subsection 20-00-1.7 Equipment and Facilities – Item A, Standard Practice Sub Item 2.
17. Enhanced Record Keeping	Part 192.605	Requires Maps to contain size, character, location, of all mains and service connections and valves. Layout of all principal metering and regulator stations	RI Administrative Code, Title 815 Division of Public Utilities and Carriers, Chapter 20 Natural Gas and Jurisdictional Propane, Subchapter 00, Part 1 Standards for	Subsection 20-00-1.8. Records and Reports, Item C System Maps





Rhode Island

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Gas Utilities, Master Meter Systems and Jurisdictional Propane Systems, Section 815	
18. Enhanced Record Keeping	Part 192.13	Each LDC shall keep for 15 years numerically arranged and properly classified, records giving, for each meter used and owned by the LDC for any purpose, the identification number, date of purchase, name of manufacturer, serial number, type, a history of the premises where the meter was located, a history of the meter testing sites, and the meter's rating	RI Administrative Code, Title 815 Division of Public Utilities and Carriers, Chapter 20 Natural Gas and Jurisdictional Propane, Subchapter 00, Part 1 Standards for Gas Utilities, Master Meter Systems and Jurisdictional Propane Systems, Section 815	Subsection 20.00-1.6 Meters In General, Installations, Accuracy, And Testing Item G Records of Meters and Tests
19. Enhanced Record Keeping	Part 192.13	Each LDC shall keep a record of all interruptions to service affecting the entire distribution system serving a single community or a major division of a community and shall include in such record the date and time of such interruption, the approximate number of such customers affected, the date and time of service restoration, the cause of such interruption when known, and steps taken to prevent its recurrence	RI Administrative Code, Title 815 Division of Public Utilities and Carriers, Chapter 20 Natural Gas and Jurisdictional Propane, Subchapter 00, Part 1 Standards for Gas Utilities, Master Meter Systems and Jurisdictional Propane Systems, Section 815	Subsection 20-00-1.5 Quality of Gas Service. Item C Interruptions of Service Sub item 2
20. Inactive Services	Part 192.727	Inactive Services must be cutoff if older than 5 years of inactive service	RI Administrative Code, Title 815 Division of Public Utilities and Carriers, Chapter 20 Natural Gas	Subsection 20-00-1.10 Abandonment of Gas Services Item A. Abandonment of





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			and Jurisdictional Propane, Subchapter 00, Part 1 Standards for Gas Utilities, Master Meter Systems and Jurisdictional Propane Systems, Section 815	Service Lines That Become Inactive after 2006 Sub items 1 and 2
21. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	RI Administrative Code, Title 815 Division of Public Utilities and Carriers, Chapter 20 Natural Gas and Jurisdictional Propane, Subchapter 00, Part 1 Standards for Gas Utilities, Master Meter Systems and Jurisdictional Propane Systems, Section 815	Subsection 20-00-1.12 Enforcement Procedures Item C. Intervals of Inspection Sub items 1, 2, 3 and 4 Item D Inspection of LDC's, Master Meter Systems, and Jurisdictional Propane Sub items 1 and 2





South Carolina

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South Carolina

Key Stats

State Agency	Office of Regulatory Staff of South Carolina
Division	Electric and Gas Regulation
Department	Pipeline Safety
Web	https://ors.sc.gov/safety/pipeline-safety
Regulated Intrastate Pipeline Systems	13 Intrastate Transmission 19 Intrastate Distribution
Regulated Master Meter Operators	5
Regulated LNG Systems	1
Regulated Hazardous Liquid Systems	0
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	19

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 192.603	Requires Annual filing of Inspection and Maintenance Plans with ORS	South Carolina Code of Regulations, Chapter 103 Public Service Commission, Article 4 Gas Systems, Sub Article 2 Records and Reports	103-412(viii) Data to be Filed with the Commission and Provided to the ORS
2. Enhanced Reporting	Part 192.603	Requires Annual filing of Emergency Plans with ORS	South Carolina Code of Regulations, Chapter 103 Public Service Commission, Article 4 Gas Systems, Sub Article 2 Records and Reports	103-412 (viii) Data to be Filed with the Commission and Provided to the ORS
3. Enhanced Reporting	Part 192.603	Requires Annual filing of Welders and Proof of Certification with ORS	South Carolina Code of Regulations, Chapter 103 Public Service Commission, Article 4 Gas Systems, Sub Article 2 Records and Reports	103-412 (viii) Data to be Filed with the Commission and Provided to the ORS
4. Enhanced Reporting	Part 191.3	Requires Reports of all outages greater than 50 customer or outage duration greater than 6 hours	South Carolina Code of Regulations, Chapter 103 Public Service Commission, Article 4 Gas Systems,	103-414 Interruption of Service





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Sub Article 2 Records and Reports	
5. Enhanced Reporting	Part 191.3	Requires Incident Reports at \$5K level	South Carolina Code of Regulations, Chapter 103 Public Service Commission, Article 4 Gas Systems, Sub Article 2 Records and Reports	103-415 Incidents
6. Enhanced Reporting	Part 191.3	The gas utility shall advise the commission and ORS of the name, title, address and telephone number of the person or persons who should be contacted in connection with: General management duties, Customer relations (complaints), Engineering and/or operations, Meter tests and repairs. Emergencies during non-office hours	South Carolina Code of Regulations, Chapter 103 Public Service Commission, Article 4 Gas Systems, Sub Article 2 Records and Reports	103-412 (vi) Data to be Filed with the Commission and Provided to the ORS
7. More Direct Oversight	Part 192.303	Requires certificate that public convenience and necessity be issued by Commission prior to construction or operation of any pipeline	South Carolina Code of Regulations, Chapter 103 Public Service Commission, Article 4 Gas Systems, Sub Article 1 General	103-404 Territory and Certificates
8. More Direct Oversight	Part 192.305	All gas systems subject to pipeline safety regulation shall notify the commission and the ORS of any construction projects greater than 25,000 feet of piping or \$500K	South Carolina Code of Regulations, Chapter 103 Public Service Commission, Article 4 Gas Systems, Sub Article 2 Records and Reports	103-412 (ix) Data to be Filed with the Commission and Provided to the ORS
9. Operating Pressure	Part 192.741	No gas system shall maintain less than two recording pressure gauges of which one should be portable and	South Carolina Code of Regulations, Chapter 103 Public Service Commission, Article 4 Gas Systems,	103-485 System Pressure Monitoring





South Carolina

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		pressure records should be kept for minimum of 2 years	Sub Article 7 Standards and Quality of Service	
10. Meter Location/ Protection	Part 192.353	Outdoor meters shall be used where practicable.	South Carolina Code of Regulations, Chapter 103 Public Service Commission, Article 4 Gas Systems, Sub Article 3 Meters	103-425 Configuration and Location of Meter
11. Leak Tests	Part 192.723	All buried piping not protected against corrosion must be subjected to instrument leakage surveys as frequently as necessary, but at intervals not exceeding twelve months.	South Carolina Code of Regulations, Chapter 103 Public Service Commission, Article 4 Gas Systems, Sub Article 7 Standards and Quality of Service	103-493 Leakage
12. Leak Tests	Part 192.706	Vegetation type leak surveys are prohibited	South Carolina Code of Regulations, Chapter 103 Public Service Commission, Article 4 Gas Systems, Sub Article 7 Standards and Quality of Service	103-493 Leakage
13. Response to Leaks	Part 192.723	Leak Classification System and Required timeline for Repairs	South Carolina Code of Regulations, Chapter 103 Public Service Commission, Article 4 Gas Systems, Sub Article 7 Standards and Quality of Service	103-493 Leakage
14. Design/Install Requirements	Part 192.7	Good Engineering defined by incorporating following standards: 6) Latest edition of NFPA 54, 7) "Standard Methods of Gas Testing", Circular No. 48, National Bureau of Standards, 1961 or American Meter Handbook E-4	South Carolina Code of Regulations, Chapter 103 Public Service Commission, Article 4 Gas Systems, Sub Article 5 Engineering	103-461 Acceptable Standards 103-462 Acceptable References





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		<p>8) "Testing Large Capacity Rotary Gas Meters", Research Paper No. 1741, National Bureau of Standards Journal of Research, September, 1946.</p> <p>9) "Orifice Metering of Natural Gas", Report No.3 of the AGA Gas Measurement Committee</p> <p>10) Reports prepared by the Practical Methods Committee of the Appalachian Gas Measurement Short Course, West Virginia University, as follows:</p> <p>Report No.1, "Method of Testing Large Capacity Displacement Meters".</p> <p>Report No.2, "Testing Orifice Meters".</p> <p>Report No.3, "Designing and Installing Measuring and Regulating Stations".</p> <p>Report No.4, "Useful Tables for Gas Men".</p> <p>Report No.5, "Prover Room Practices</p>		
<p>15. Enhanced Record Keeping</p>	<p>Part 191.3</p>	<p>All records must be kept within the State of South Carolina</p>	<p>South Carolina Code of Regulations, Chapter 103 Public</p>	<p>103-410</p>





South Carolina

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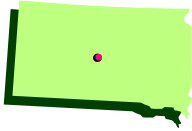
Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Service Commission, Article 4 Gas Systems, Sub Article 2 Records and Reports	Location of Records and Reports
16. Enhanced Record Keeping	Part 192.605	Requires a map showing the gas systems operating area including: Gas production plant , Principal storage facilities, Transmission lines and principal mains by size and valves located thereon, System metering (supply) points, State boundary crossings, Certified area and/or territory served, Names of all communities (post offices) served	South Carolina Code of Regulations, Chapter 103 Public Service Commission, Article 4 Gas Systems, Sub Article 2 Records and Reports	103-412 (v) Data to be Filed with the Commission and Provided to the ORS
17. Enhanced Record Keeping	Part 192.605	Meter records shall keep date of purchase, The complete identification-- manufacturer, number, type, size, capacity, multiplier, and constants , the current and last previous locations and the dates of installation at and removal from service at such locations, any repairs made	South Carolina Code of Regulations, Chapter 103 Public Service Commission, Article 4 Gas Systems, Sub Article 2 Records and Reports	103-417 Meter History
18. Inactive Services	Part 192.727 Part 192.723	Inactive service Lines shall be retired at the main if inactive greater than 2 years or leak surveyed as “monitoring” within a 2 year period	South Carolina Code of Regulations, Chapter 103 Public Service Commission, Article 4 Gas Systems, Sub Article 5 Engineering	103-465 Inactive Service Lines
19. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections





National Association of Pipeline Safety Representatives





South Dakota

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South Dakota

Key Stats

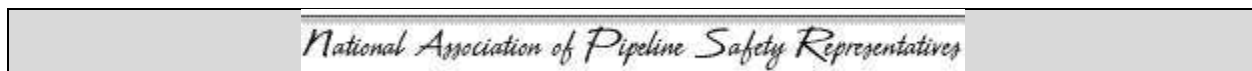
State Agency	South Dakota Public Utilities Commission
Division	Energy
Department	Pipeline Safety
Web	http://www.puc.sd.gov/pipelinesafety/default.aspx
Regulated Intrastate Pipeline Systems	12
Regulated Master Meter Operators	0
Regulated LNG Systems	0
Regulated Hazardous Liquid Systems	0
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	0

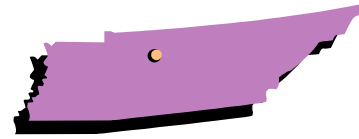
Applicable Requirement in CFR

There are no safety initiatives in South Dakota that are more stringent than Federal Regulations. The South Dakota Codified Laws in section 49-34B-4. *Promulgation of safety standards—Considerations* states

The commission may, by rules promulgated pursuant to chapter 1-26, **establish safety standards, but not more stringent than federal safety standards** as provided by § 49-34B-3, for the intrastate transportation of gas and gas pipeline facilities. The standards may apply to the design, installation, inspection, testing, construction, extension, operation, replacement, and maintenance of gas pipeline facilities. Standards affecting the design, installation, construction, initial inspection, and initial testing do not apply to pipeline facilities in existence on the date the standards are adopted by either this state or the federal government. The safety standards shall be practicable and designed to meet the need for pipeline safety. In prescribing the standards, the commission shall consider:

- (1) Relevant available pipeline safety data;
- (2) Whether the standards are appropriate for the particular type of pipeline transportation of gas;
- (3) The reasonableness of any proposed standards;
- (4) The extent to which the standard will contribute to public safety; and
- (5) The existing standards established by the secretary of the United States Department of Transportation pursuant to the United States Code, title 49, section 60101 et seq. as amended to January 1, 2021.





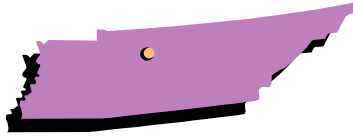
Tennessee

Key Stats	
State Agency	Tennessee Regulatory Authority
Division	Gas Pipeline Safety
Department	
Web	https://www.tn.gov/tpuc/divisions/gas-pipeline-safety-division.html
Regulated Intrastate Pipeline Systems	155
Regulated Master Meter Operators	26
Regulated LNG Systems	2
Regulated Hazardous Liquid Systems	0
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	11

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 192.305	Requires notification of capital expenditures >\$50K if customer base is less than 30,000; >\$100K if customer base is between 30,000 and 300,000 customers and >\$200K if customer base is greater than 300,000 customers	Rules of the Tennessee Public Utility Commission, Chapter 1220-4-1, General Public Utilities Rules	1220-4-1-.01 Capital Additions Budgets Of Utilities
2. Enhanced Reporting	Part 191.5	Each utility shall immediately notify the Authority by telephone or telegraph of any interruption to the service of a major portion of its distribution system	Rules of the Tennessee Public Utility Commission, Chapter 1220-4-5, Regulations for Gas Companies	1220-4-5-.36 Interruptions Of Service
3. Enhanced Reporting	Part 192.605 Part 191.3	Filed with the commission the name, title, address, and telephone number of the person who should be contacted in connection with:	Rules of the Tennessee Public Utility Commission, Chapter 1220-4-5, Regulations for Gas Companies	1220-4-5-.06 Data To Be Filed With The Authority





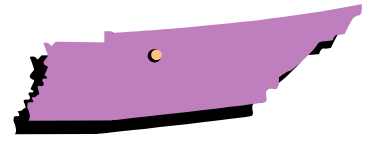
Tennessee

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			<ol style="list-style-type: none"> 1. General management duties 2. Customer relations (complaints) 3. Engineering operations 5. Emergencies during non-office hours 		
4.	More Direct Oversight	Part 192.305	Gas Operators Required to Notify the TRA of Scheduled Pipeline Facility Construction	Division Directive sent to all Operators	Inspection Form
5.	Response to Leaks	Part 192.723	Leak Survey Classification, Definition and Required Action	Rules of the Tennessee Public Utility Commission, Chapter 1220-4-5, Regulations for Gas Companies	1220-4-5-.44 Gas Leak Classification
6.	Replacement Program	Part 192.489 Part 192.487 Part 192.755	All Operators with Cast Iron and or Bare Steel have Ongoing Replacement Programs	TN. Regulatory Authority Order Docket Nos. 0500258 and 0900183	TN. Regulatory Authority Order Docket Nos. 0500258 and 0900183
7.	Authority Beyond OPS	Part 192.3	Each customer's piping system shall be tested for pressure and leaks before service is turned on	Rules of the Tennessee Public Utility Commission, Chapter 1220-4-5, Regulations for Gas Companies	1220-4-5-.40 Customer Piping
8.	External Corrosion	Part 192.455(b)	Corrosive environment is presumed so no demonstration of test, experience or investigation 192.455 (b) is permitted	Rules of the Tennessee Public Utility Commission, Chapter 1220-4-1, General Public Utilities Rules	1220-4-1-.09 Pipeline Safety Rule
9.	Enhanced Record Keeping	Part 191.3	All records required by these rules or necessary for the administration thereof, shall be kept within Tennessee	Rules of the Tennessee Public Utility Commission, Chapter 1220-4-5, Regulations for Gas Companies	1220-4-5-.04 Location Of Records
10.	State Inspection Program	Part 192.1	Priority Given to Inspecting Systems w/ Greater Risk Potential Based On Risk Management Program	Rules of the Tennessee Public Utility Commission, Chapter 1220-4-5, Regulations for Gas Companies	1220-4-5-.47 Enforcement Procedures Governing Gas Pipeline Safety
11.	State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections



Tennessee



State Page Last Revised: Jan 2020

National Association of Pipeline Safety Representatives





Texas

State Page Last Revised: Jan 2020

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Texas

Key Stats

State Agency
Division
Department
Web
Regulated Intrastate Pipeline Operators
Regulated Master Meter Operators
Regulated LNG Operators
Regulated Hazardous Liquid Operators
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199

Railroad Commission of Texas
Oversight and Safety
Pipeline Safety
https://www.rrc.texas.gov/pipeline-safety/
836
624
4
266
52

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.22	Operators of systems are required to file organizational reports	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter B Requirements for All Pipelines	16 TAC 8.51 Organization Report
			Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 3 Oil & Gas Division	16 TAC 3.1 Organization Report; Retention of Records; Notice Requirements
2. Enhanced Reporting	Part 191.22 Part 195.64	Operators must file notice of pipeline construction at 30 or 60 days based on length and facility type	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations,	16 TAC 8.115 New Construction Commencement Report





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Sub Chapter B Requirements for All Pipelines	
3. Enhanced Reporting	Part 191.15 Part 195.54	Rural gathering gas including Class 1 locations are required to file incident and hazardous liquids accident reporting	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter B Requirements for All Pipelines	16 TAC 8.110 Gathering Pipelines
4. Enhanced Reporting	Part 191.22	Operators of sour gas (H2S) pipelines must file notice of pipeline construction, publish notice that the pipeline will transport sour gas and publish a map; before construction may begin RRC must issue order that the proposed materials and method of construction and operation meet safety regulatory standards	Texas Utilities Code, Title 3 Gas Regulation, Sub Title B Regulation of Transportation and Use, Chapter 121 Gas Pipelines, Sub Chapter I Sour Gas Pipeline Facilities, Sections 121.451 – 121.454 Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter B Requirements for All Pipelines	Sec. 121.451. Definitions Sec. 121.452. Applicability Sec. 121.453. Permit Application Sec. 121.454. Railroad Commission Approval Or Denial 16 TAC 8.115 New Construction Commencement Report
			Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 3 Oil & Gas Division	16 TAC 3.106 Sour Gas Pipeline Facility Construction Permit
5. Enhanced Reporting	Part 192.723	Distribution system operators are required to file report of all leaks repaired twice annually	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline	16 TAC 8.210(e) Reports





Texas

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Safety Regulations, Sub Chapter C Requirements for Natural Gas Pipelines Only	
6. Enhanced Reporting	Part 192.1005	Operators must file DIMP schedule for replacements with the Pipeline Safety Department no later than March 15 each year, a listing of prior year replacements and proposed work plan for current year	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter C Requirements for Natural Gas Pipelines Only	16 TAC 8.209 Distribution Facilities Replacements
7. More Direct Oversight	Part 192.303 Part 195.202	All pipelines that leave a tract of production, and all gathering and transmission lines are required to be permitted to operate in Texas	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 3 Oil & Gas Division	16 TAC 3.70 Pipeline Permits Required
			Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter A General Requirements and Definitions	16 TAC 8.1 General Applicability and Standards
8. More Direct Oversight	Part 192.616 Part 195.440	Requires operators of gas pipelines, hazardous liquids and carbon dioxide pipelines to attempt to conduct face to face liaison meetings with officials; mandates methods for contacting appropriate officials	Texas Utilities Code, Title 3 Gas Regulation, Sub Title B Regulation of Transportation and Use, Chapter 121 Gas Pipelines, Sub Chapter E Pipeline Safety, Section 121.2015 Texas Natural Resources Code, Title 3 Oil and Gas, Subtitle D Regulation of Specific Businesses	Sec. 121.2015 , Required Safety Rules Sec 117.012 Rules and Standards





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			and Occupations, Chapter 117 Hazardous Liquid or Carbon Dioxide Pipeline Transportation Industry, Sub Chapter B Jurisdiction, Powers, And Duties	
			Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter C Requirements for Natural Gas Pipelines Only	16 TAC 8.235 Natural Gas Pipelines, Public Education And Liaison
			Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter D Requirements for Hazardous Liquid and Carbon Dioxide Pipelines Only	16 TAC 8.310 Hazardous Liquids and Carbon Dioxide Pipelines Public Education and Liaison
9.	More Direct Oversight	Part 192.1005	“Leak Repair Rate for Below Ground Steel Services” is Defined	16 TAC 8.209 (f) Distribution Facilities Replacements
10.	More Direct Oversight	Part 192.3 Part 195.2	Additional definitions are provided for	16 TAC 8.5 Definitions





Texas

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		subsequent rules such as: Affected person, Applicant, Application for waiver, Charter school, Commission, The Railroad Commission of Texas, Direct assessment, Director, Division, Gas, Gas company, Hazardous liquid, In-line inspection, Intrastate pipeline facilities, Lease user, Liquids company, Master meter operator, Master metered system, Natural gas supplier, Operator, Person, Person responsible for a school facility, Pipeline facilities, Pressure test, Private school, Public school, School facility, Transportation of gas, Transportation of hazardous liquids or carbon dioxide	Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter A General Requirements and Definitions	
11. Damage Prevention	Part 192.614 Part 195.442 Part 196.101	Commission’s Pipeline Safety Department is enforcement authority for all underground pipeline damage prevention rules of TX Authority to adopt safety standards to prevent damage to interstate and intrastate gas pipeline facilities resulting from movement of earth	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 18 Underground Damage Prevention Texas Utilities Code, Title 3 Gas Regulation, Sub Title B Regulation of Transportation and Use, Chapter 121 Gas Pipelines, Sub Chapter E Pipeline Safety, Section 121.201	16 TAC 18.1-18.12 Underground Pipeline Damage Prevention Rules 1 through 12 Sec. 121.201. Safety Rules: Railroad Commission Power





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		Authority to adopt safety standards to prevent damage to interstate and intrastate hazardous liquid pipeline facilities resulting from movement of earth	Texas Natural Resources Code, Title 3 Oil and Gas, Subtitle D Regulation of Specific Businesses and Occupations, Chapter 117 Hazardous Liquid or Carbon Dioxide Pipeline Transportation Industry, Sub Chapter B Jurisdiction, Powers, And Duties	Sec 117.012 Rules and Standards
12. Odorant	Part 192.625	Use of commercially available odorization equipment is required	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter C Requirements for Natural Gas Pipelines Only	16 TAC 8.215(b) Odorization of Gas
13. Odorant	Part 192.625	Odorant injection rates calculated at least quarterly required	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter C Requirements for Natural Gas Pipelines Only	16 TAC 8.215(d)(1) Odorization of Gas
14. Odorant	Part 192.625	Farm tap odorizers must be serviced annually	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter C Requirements for Natural Gas Pipelines Only	16 TAC 8.215(d)(2) Odorization of Gas





Texas

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
15. Odorant	Part 192.625	Systems must be tested annually for adequate odorization	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter C Requirements for Natural Gas Pipelines Only	16 TAC 8.215(e)(1) Odorization of Gas
16. Leak Tests	Part 192.723	Leak surveys may be conducted as prescribed or may be risk based	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter C Requirements for Natural Gas Pipelines Only	16 TAC 8.206 Risk-Based Leak Survey Program
17. Response to Leaks	Part 192.615	Procedures for receipt, recording, processing, and review of all leak calls received are required	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter C Requirements for Natural Gas Pipelines Only	16 TAC 8.205 Written Procedure for Handling Natural Gas Leak Complaints
18. Response to Leaks	Part 192.723	Grading of leaks is standardized by using GPTC standards	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter C Requirements for Natural Gas Pipelines Only	16 TAC 8.207 Leak Grading and Repair
19. Response to Leaks	Part 192.613	Timely repair of gas leaks is required according to grade	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad	16 TAC 8.207 Leak Grading and Repair





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter C Requirements for Natural Gas Pipelines Only	
20. Replacement Program	Part 192.271	Leaking fittings (pre-1980) must be removed from service	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter C Requirements for Natural Gas Pipelines Only	16 TAC 8.208 Mandatory Removal and Replacement Program
21. Replacement Program	Part 192.271	Fittings encountered during normal activities must be removed unless post 1980 with secondary restraint	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter C Requirements for Natural Gas Pipelines Only	16 TAC 8.208 Mandatory Removal and Replacement Program
22. Replacement Program	Part 192.1001	In conjunction with DIMP, requires replacement as means of reducing identified risks	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter C Requirements for Natural Gas Pipelines Only	16 TAC 8.209 Distribution Facilities Replacements
23. Replacement Program	Part 192.1005	Distribution gas pipeline facility operators shall not install cast iron, wrought iron, or bare steel and must replace known cast iron by 12/31/2021	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter C	16 TAC 8.209 (k) Distribution Facilities Replacements





Texas

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Requirements for Natural Gas Pipelines Only	
24. Authority Beyond OPS	Part 192.1	Gas production and gathering lines are regulated from first point of measurement in populated areas	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter A General Requirements and Definitions	16 TAC 8.1(a)(1)(B) General Applicability and Standards
25. Authority Beyond OPS	Part 192.1	All gas pipelines originating in Texas waters are regulated	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter A General Requirements and Definitions	16 TAC 8.1(a)(1)(D) General Applicability and Standards
26. Authority Beyond OPS	Part 195.1	All hazardous liquid pipelines originating in Texas waters are regulated	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter A General Requirements and Definitions	16 TAC 8.1(a)(1)(D) General Applicability and Standards
27. Authority Beyond OPS	Part 192.5 Part 195.1	The Railroad Commission by rule may establish safety standards and practices for gathering facilities and transportation activities in Class 1 locations, as defined by 49 C.F.R. Section 192.5, and for hazardous liquid or carbon dioxide gathering pipelines in rural locations based on the risks the	Texas Utilities Code, Title 3 Gas Regulation, Sub Title B Regulation of Transportation and Use, Chapter 121 Gas Pipelines, Sub Chapter E Pipeline Safety, Section 121.201 Texas Natural Resources Code, Title 3 Oil and Gas, Subtitle D Regulation of Specific Businesses and Occupations,	Sec. 121.201. Safety Rules: Railroad Commission Power Sec 117.012 Rules and Standards





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		facilities and activities present to the public safety. The Railroad Commission may investigate accidents, incidents or threats to public safety on such pipelines; respond to complaints. Relating to operational safety, and require reports from operators of such facilities	Chapter 117 Hazardous Liquid or Carbon Dioxide Pipeline Transportation Industry, Sub Chapter B Jurisdiction, Powers, And Duties Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter B Requirements for All Pipelines	16 TAC 8.110 Gathering Pipelines
28. Extending LDC Responsibility	Part 192.357	Requires biennial pressure testing of natural gas piping systems in public and private elementary schools and secondary schools including charter schools	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter C Requirements for Natural Gas Pipelines Only	16 TAC 8.230 School Piping Testing
29. Cathodic Protection	Part 192.465	Test points must be representative of pipe conditions	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter C Requirements for Natural Gas Pipelines Only	16 TAC 8.203(3) Supplemental Regulations
30. Cathodic Protection	Part 192.465	Use of leak surveys to determine areas of active corrosion must	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad	16 TAC 8.203(3) Supplemental Regulations





Texas

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		be frequent enough to monitor corrosion rate	Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter C Requirements for Natural Gas Pipelines Only	
31. Cathodic Protection	Part 192.475	Definition of corrosive gas is supplemented as deterioration of the material	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter C Requirements for Natural Gas Pipelines Only	16 TAC 8.203(4) Supplemental Regulations
32. Cathodic Protection	Part 192.479	Definition of atmospheric corrosion is supplemented as deterioration of the material	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter C Requirements for Natural Gas Pipelines Only	16 TAC 8.203(5) Supplemental Regulations
33. Cathodic Protection	Part 195.561	All coated pipe used for the transport of hazardous liquids or carbon dioxide shall be electrically inspected prior to placement using coating deficiency (holiday) detectors to check for any faults not observable by visual examination. The holiday detector shall be operated in accordance with manufacturer's instructions and at a voltage level appropriate for the	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter D Requirements for Hazardous Liquid and Carbon Dioxide Pipelines Only	16 TAC 8.305 Corrosion Control Requirements





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		electrical characteristics of the pipeline system being tested		
34. Cathodic Protection	Part 195.557	Installation. Joints, fittings, and tie-ins shall be coated with materials compatible with the coatings on the pipe	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter D Requirements for Hazardous Liquid and Carbon Dioxide Pipelines Only	16 TAC 8.305 Corrosion Control Requirements
35. Cathodic Protection	Part 195.567	Cathodic protection test stations. Electrical measurements shall include but are not limited to pipe casing installations and all foreign metallic cathodically protected structures. Readings taken at test stations (electrode locations) over or near one or more anodes shall not, by themselves, be considered representative	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter D Requirements for Hazardous Liquid and Carbon Dioxide Pipelines Only	16 TAC 8.305 Corrosion Control Requirements
36. Cathodic Protection	Part 195.567	All test lead wire attachments and bared test lead wires shall be coated with an electrically insulating material. Where the pipe is coated, the insulation of the test lead wire material shall be compatible with the pipe coating and wire insulation	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter D Requirements for Hazardous Liquid and Carbon Dioxide Pipelines Only	16 TAC 8.305 Corrosion Control Requirements
37. Cathodic Protection	Part 195.571	Cathodic protection systems shall meet or exceed the minimum criteria set forth in	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad	16 TAC 8.305 Corrosion Control Requirements





Texas

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		Criteria For Cathodic Protection of the most current edition of the National Association of Corrosion Engineers (NACE) Standard RP-01-69	Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter D Requirements for Hazardous Liquid and Carbon Dioxide Pipelines Only	
38. Cathodic Protection	Part 195.577	Monitoring and inspection. Each operator shall utilize right-of-way inspections to determine areas where interfering currents are suspected. In the course of these inspections, personnel shall be alert for electrical or physical conditions which could indicate interference from a neighboring source. Whenever suspected areas are identified, the operator shall conduct appropriate electrical tests within six months to determine the extent of interference and take appropriate action	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter D Requirements for Hazardous Liquid and Carbon Dioxide Pipelines Only	16 TAC 8.305 Corrosion Control Requirements
39. Cathodic Protection	Part 195.573 Part 195.585	Remedial action. Each operator shall take prompt remedial action to correct any deficiencies observed during monitoring	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter D Requirements for Hazardous Liquid and Carbon Dioxide Pipelines Only	16 TAC 8.305 Corrosion Control Requirements
40. Design/Install Requirements	Part 192.271	All fittings installed after Sept 1, 2008 must meet ASTM D2513	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad	16 TAC 8.208 Mandatory Removal and





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		Category1 or Part 192.273	Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter C Requirements for Natural Gas Pipelines Only	Replacement Program
41. Risk Based Approaches	Part 192.901	Operators are required to perform integrity assessments of the entire gas pipeline line section	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter B Requirements for All Pipelines	16 TAC 8.101(b) Pipeline Integrity Assessment and Management Plans for Natural Gas and Hazardous Liquids Pipelines
42. Risk Based Approaches	Part 195.452	Operators are required to perform integrity assessments of the entire hazardous liquid line section	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter B Requirements for All Pipelines	16 TAC 8.101(b) Pipeline Integrity Assessment and Management Plans for Natural Gas and Hazardous Liquids Pipelines
43. Risk Based Approaches	Part 192.1005	Steel service lines that are determined greatest threats must perform a line leak repair analysis	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter C Requirements for Natural Gas Pipelines Only	16 TAC 8.209 Distribution Facilities Replacements
44. Risk Based Approaches	Part 192.1005	Steel Service line leak repair rates >5% <7.5% considered Priority 1 Steel Service line leak repair rates < 5% considered Priority 2. Priority 1,2 have deadlines and thresholds for replacement	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter C Requirements for	16 TAC 8.209 Distribution Facilities Replacements





Texas

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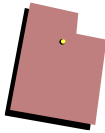
Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Natural Gas Pipelines Only	
45. Risk Based Approaches	Part 192.1005	Minimum of 8% of pipeline systems or facilities posing greatest risk in the system and identified for replacement must be replaced each year regardless of Prioritization	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter C Requirements for Natural Gas Pipelines Only	16 TAC 8.209 Distribution Facilities Replacements
46. Enhanced Record Keeping	Part 192.455(b)	Rule is enhanced by requiring documented proof of determinations for corrosion areas	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter C Requirements for Natural Gas Pipelines Only	16 TAC 8.203(1) Supplemental Regulations
47. Enhanced Record Keeping	Part 192.457	Areas of active corrosion must be documented and substantiated	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter C Requirements for Natural Gas Pipelines Only	16 TAC 8.203(2) Supplemental Regulations
48. Enhanced Record Keeping	Part 192.457	Requires schedule of Cathodic protection placement when active external corrosion is discovered	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter C Requirements for Natural Gas Pipelines Only	16 TAC 8.203(2) Supplemental Regulations





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
49. Enhanced Record Keeping	Part 192.616	Requires operators to maintain records of gas pipelines within 1000 feet of a public school or public school recreational area	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter C Requirements for Natural Gas Pipelines Only	16 TAC 8.235(d) Natural Gas Pipelines Public Education and Liaison
50. Enhanced Record Keeping	Part 195.440	Requires operators to maintain records of hazardous liquid or carbon dioxide pipelines within 1000 feet of a public school or public school recreational area to provide specific information to the school district and upon request to appear at school board meetings	Texas Administrative Code, Title 16 Economic Regulation, Part I Railroad Commission of Texas, Chapter 8 Pipeline Safety Regulations, Sub Chapter D Requirements for Hazardous Liquid and Carbon Dioxide Pipelines Only	16 TAC 8.315 Hazardous Liquids and Carbon Dioxide Pipelines or Pipeline Facilities Located Within 1,000 Feet of a Public School Building or Facility
51. State Inspection Program	Part 190.203	Inspections conducted by RRC of TX based on operator’s risks, tracking of previous inspections, incident rates, and other factors	None	Pipeline Evaluation System (PES) database and Standard Operating Program Guidelines
52. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections





Utah

Key Stats		Utah Pipeline Safety	
State Agency		Utah Pipeline Safety	
Division		Public Utilities	
Department		Department of Commerce	
Web		https://dpu.utah.gov/pipeline-safety/	
Regulated Intrastate Pipeline Systems		68	
Regulated Master Meter Operators		51	
Regulated LNG Systems		0	
Regulated Hazardous Liquid Systems		0	
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199		0	

Applicable Requirement in CFR

There are no safety initiatives in State of Utah that are more stringent than Federal Regulations. Utah Code Title 54 Public Utilities Statutes and Public Service Commission Rules in Chapter 13 *Promulgates safety standards.*

The commission is responsible for establishing safety standards and practices for intrastate transportation and shall make and enforce rules required by the federal Natural Gas Pipeline Safety Act to maintain state control over the regulation of intrastate pipeline transportation. In the rules section of the same statutes – R746-409-1. The commission hereby adopts, and incorporates by this reference, CFR Title 49, Parts 190, 191, 192, 198, and 199.





Vermont

Key Stats

State Agency	Vermont Department of Public Service
Division	Engineering Division
Department	Natural Gas and Propane Engineering Area
Web	https://publicservice.vermont.gov/naturalgas_propane
Regulated Intrastate Pipeline Systems	1
Regulated Master Meter Operators	0
Regulated LNG Systems	0
Regulated Hazardous Liquid Systems	0
Regulated LPG Operators	20
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	8

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.3	Requires Incident Reports at \$5K level	Vermont Public Service Board Rules, 6.100 Enforcement Of Safety Regulations Pertaining To Intrastate Gas Pipeline And Transportation Facilities	6.160 Accidents and Emergencies
2. Enhanced Reporting	Part 191.3	All emergency contacts shall be filed with DPS and VT Public Service Board	Vermont Public Service Board Rules, 6.100 Enforcement Of Safety Regulations Pertaining To Intrastate Gas Pipeline And Transportation Facilities	6.160 Accidents and Emergencies
3. Enhanced Reporting	Part 191.3	All transmission line failures and major failures of distribution shall promptly notify DPS and VT Public Service Board	Vermont Public Service Board Rules, 6.100 Enforcement Of Safety Regulations Pertaining To Intrastate Gas Pipeline And Transportation Facilities	6.159 Interruptions of Service





Vermont

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
4. Valves	Part 192.747	Curb Valves used as service shutoff valves must be inspected annually at places of public assembly.	Vermont Public Service Board Rules, 6.100 Enforcement Of Safety Regulations Pertaining To Intrastate Gas Pipeline And Transportation Facilities	6.156 Curb Shutoffs
5. Extending LDC Responsibility	Part 192.3	Operator responsibility extended to first fitting past the meter or last fitting before it enters the building, whichever is farther downstream	Vermont Public Service Board Rules, 6.100 Enforcement Of Safety Regulations Pertaining To Intrastate Gas Pipeline And Transportation Facilities	6.155 Service Piping
6. Enhanced Record Keeping	Part 192.605	Requires Maps to contain size, operating pressure, location, street valve, regulator station to be filed with DPS upon request	Vermont Public Service Board Rules, 6.100 Enforcement Of Safety Regulations Pertaining To Intrastate Gas Pipeline And Transportation Facilities	6.157 Maps of Transmission and Distribution System
7. Inactive Services	Part 192.727	Inactive Service must have a device installed to cut off the gas outside the cellar wall area if older than 1 year of inactive service	Vermont Public Service Board Rules, 6.100 Enforcement Of Safety Regulations Pertaining To Intrastate Gas Pipeline And Transportation Facilities	6.156 Curb Shutoffs
8. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections

National Association of Pipeline Safety Representatives





Virginia

Key Stats

State Agency	State Corporation Commission
Division	Utility and Railroad Safety
Department	
Web	http://www.scc.virginia.gov/urs/pipe/index.aspx
Regulated Intrastate Pipeline Systems	16
Regulated Master Meter Operators	30
Regulated LNG Systems	1
Regulated Hazardous Liquid Systems	2
Regulated LPG Operators	10
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	63

Applicable Requirement in CFR

	Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1.	Enhanced Reporting	Part 191.3	Incidents involving \$5,000 damage, media coverage, death, injury requiring hospitalization	Division directive	General Letter to all Operators
2.	Enhanced Reporting	Part 191.11 Part 192.617 Part 192.723	All repaired leaks and the associated details every 6 months	Division directive	General Letter to all Operators
3.	Enhanced Reporting	Part 192.603	All O&M revisions required to be submitted to VASCC	Division directive VASCC Order, April 15, 2013, Case No. URS-2012-00251	General Letter to all Operators Section 2 (n)
4.	Enhanced Reporting	Part 192.603	All OQ revisions required to be submitted to VASCC	VASCC Order, April 15, 2013, Case No. URS-2012-00251	Section 2 (n)
5.	Enhanced Reporting	Part 192.614	All excavation damage to pipelines must be reported to VASCC	Division directive	General Letter to all Operators
6.	Enhanced Reporting	Part 192.305	All large projects (exceeding \$100,000)	Division directive	General Letter to all Operators





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
7. Enhanced Reporting	Part 192.616 Part 192.614	Supplement operator public awareness and damage prevention plans with additional focused efforts such as tracking or receipt of material from each affected stakeholder and tracking emergency officials not attending training sessions	VASCC Order, June 29 2010, Case No. URS-2010-00055	Section 3
			VASCC Order, January 22, 2013, Case No. URS-2012-00450	Section 2 (h) 2(i) 2(j)
			VASCC Order, February 11, 2013, Case No. URS-2012-00451	Section 2 (h) 2(i) 2(j)
8. Enhanced Reporting	Part 192.616	Revise public outreach plan	VASCC Order, January 22, 2013, Case No. URS-2012-00450	Section 2
9. Enhanced Reporting	Part 192.353 Part 192.355 Part 192.357 Part 192.479	Requires semiannual report for customer meter surveillance program	VASCC Order, January 22, 2013, Case No. URS-2012-00450	Section 2 (f)
			VASCC Order, February 11, 2013, Case No. URS-2012-00451	Section 2 (f)
			VASCC Order, April 15, 2013, Case No. URS-2012-00449	Section 2 (f)
			VASCC Order, April 15, 2013, Case No. URS-2012-00251	Section 2 (f)
			VASCC Order, April 15, 2013, Case No. URS-2012-00251	Section 2 (k)
10. Enhanced Reporting	Part 192.723	Requires leak survey quality control plan to be filed with VASCC	VASCC Order, April 15, 2013, Case No. URS-2012-00251	Section 2 (k)
11. More Direct Oversight	Part 192.305	Daily construction sheets required to be submitted to VASCC	Division directive	General Letter to all Operators
			VASCC Order, March 20, 2012, Case No. URS-2011-00409	Section 2 (f)
12. More Direct Oversight	Part 192.303 Part 192.351	Requires quality assurance for customer meter surveillance program	VASCC Order, January 22, 2013, Case No. URS-2012-00450	Section 2 (d)





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			VASCC Order, February 11, 2013, Case No. URS-2012-00451	Section 2 (d)
			VASCC Order, April 15, 2013, Case No. URS-2012-00449	Section 2 (d)
			VASCC Order, April 15, 2013, Case No. URS-2012-00251	Section 2 (d)
13. More Direct Oversight	Part 192.605 Part 192.621 Part 192.357 Part 192.359	Requires referencing manufacturers procedures in O&M plans for service regulators and reliefs	VASCC Order, April 15, 2013, Case No. URS-2012-00449	Section 2 (g)
14. Damage Prevention	Part 192.614	Installation of tracer wire tags with safety message at meters	VASCC Order, August 22 2011, Case No. URS-2002-00414	Section 2
			VASCC Order, January 22, 2013, Case No. URS-2012-00450	Section 2 (g)
15. Damage Prevention	Part 192.614	Installing electronic marker balls on new service lines	VASCC Order, October 26, 2009, Case No. URS-2009-00041	Section 2
16. Damage Prevention	Part 192.614	Create and teach courses on safe digging and locating at a community college	Virginia Code Title 56 Public Service Companies, Chapter 10.1 Utilities	§56-265
17. Damage Prevention	Part 192.614	Work with gas operators to pilot new locating technology	VASCC Order, August 22 2011, Case No. URS-2010-00390	Section 2
18. Damage Prevention	Part 192.614	Revision of procedures to include directional boring and locating of lines	VASCC Order, August 22 2011, Case No. URS-2011-00128	Section 2
19. Damage Prevention	Part 192.613	Implement preventive screening process for excavator tickets to identify when lines may end up under structures.	VASCC Order, April 15, 2013, Case No. URS-2012-00251	Section 2





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
20. Damage Prevention	Part 192.614	811 decals on all meters	VASCC Order, January 22, 2013, Case No. URS-2012-00450	Section 2
21. Training/Qualifications	Part 192.616	Implement a web based training portal for fire and emergency responders	VASCC Order, February 11 2010, Case No. URS-2010-00390	Section 2
22. Operator Qualification	Part 192.801	OQ for new construction	Division directive	General Letter to all Operators
23. Operator Qualification	Part 192.805	Required OQ covered task inspection of pressure recorders, telemetry for inspection of SCADA equipment	VASCC Order, February 11, 2013, Case No. URS-2012-00451 VASCC Order, April 15, 2013, Case No. URS-2012-00449	Section 2 (g) Section 2 (h)
24. Operator Qualification	Part 192.805	Requires covered task to include continuing surveillance of customer meters to inspect all meter sets for corrosion, protection, alignment and proper regulator spacing	VASCC Order, January 22, 2013, Case No. URS-2012-00450 VASCC Order, February 11, 2013, Case No. URS-2012-00451 VASCC Order, April 15, 2013, Case No. URS-2012-00449 VASCC Order, April 15, 2013, Case No. URS-2012-00251 VASCC Order, May 23, 2012, Case No. URS-2012-0130	Section 2 (a) Section 2 (a) Section 2 (a) Section 2 (a) Section 2
25. Meter Location/Protection	Part 192.355	Inspection of all meter/regulator facilities for proper protection	VASCC Order, August 22 2011, Case No. URS-2009-00043 VASCC Order, March 20, 2012, Case No. URS-2011-00409	Section 2 Meter Installation and Protection Section 2 Meter Installation and Protection





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
26. Odorization	Part 192.625	Use network model to determine low flow areas and determine sampling sites for compliance with §192.625.	VASCC Order, October 19, 2012, Case No. URS-2012-00236	Section 2
27. Leak Tests	Part 192.723	Requires leak Survey and Pinpointing to be done with GPS equipment compatible with Work Management Systems	VASCC Order, April 15, 2013, Case No. URS-2012-00251	Section 2 (j)
28. Leak Tests	Part 192.723	Requires quality control plan for leak Surveys	VASCC Order, April 15, 2013, Case No. URS-2012-00251	Section 2 (k)
29. Replacement Program	Part 192.457	Replace aging cast iron pipelines	VASCC Order, August 22 2011, Case No. URS-2009-00326	Section 2
30. Replacement Program	Part 192.613	Replace facilities under structures	VASCC Order, May 23, 2012, Case No. URS-2012-00130	Section 2
31. Replacement Program	Part 192.467	Replace all copper service lines in two areas. Conduct study to determine how DIMP should address copper facilities	VASCC Order, May 23, 2012, Case No. URS-2012-00130	Section 2
32. Authority Beyond OPS	Part 192.614	Changed Virginia Building Code to require tracer wire on sewer laterals so that less damage occurs with gas pipeline installations	Virginia Uniform Statewide Building Code (USBC) Part 1 Virginia Construction Code, Chapter 3 Use and Occupancy Classification	Section P3002.2.1 Tracer wire
33. Authority Beyond OPS	None	Participates Routinely in Rate Hearings	Commission Rules of Practice and Procedure , Part II - Commencement of Formal Proceedings	5 VAC 5-20-80. Regulatory Proceedings
34. Authority Beyond OPS	Part 192.6801	Requires Professional Engineer to review and provide oversight of certain gas pipeline projects after January 1, 2022 that may	VASCC Order, May 13, 2021, Case No. URS-2020-0052 adopting VA Chapter 360 Natural Gas Engineering Projects	Section 360 10- 50





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		present a material risk to public safety		
35. Extending LDC Responsibility	Part 192.703	Take over the operation of master meter system by LDC	VASCC Order, August 22 2011, Case No. URS-2009-00043 VASCC Order, October 17, 2012, Case No. URS-2012-00235	Section 2 Others Section 2
36. Cathodic Protection	Part 192.465	Identification of all potential isolated short sections	VASCC Order, April 1 2011, Case No. URS-2010-00389 VASCC Order, February 11 2010, Case No. URS-2010-00390	Section 2 Section 2
37. Cathodic Protection	Part 192.467	Evaluate and remediate AC migration and interference on transmission pipelines	VASCC Order, June 18, 2012, Case No. URS-2012-00184	Section 2
38. Cathodic Protection	Part 192.453	Comprehensive review of CP program by consultant. Remediate all issues by a certain date	VASCC Order, June 18, 2012, Case No. URS-2012-00184	Section 2
39. Cathodic Protection	Part 192.453	Hire additional CP technicians	VASCC Order, June 18, 2012, Case No. URS-2012-00184	Section 2
40. Cathodic Protection	Part 192.605 Part 192.805 Part 192.469 Part 192.453	Requires specific Cathodic Protection Program Requirements including potential mapping, for identification of quantity and location of test points, current testing to determine if replacement is necessary, continuity testing for short identification, resistivity testing to	VASCC Order, June 18, 2012, Case No. URS-2012-00184	Section 2 (b) Section 2 (c) Attachment A





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		determine corrosiveness of soil and consultant to oversee corrosion control program		
41. Design/ Install Requirements	Part 192.325	Require minimum 12-inch separation with any utility or structure	Virginia law	§56-257
42. Design/Install Requirements	Part 192.1007	Use of electrofusion machines with GPS and barcode capability	VASCC Order, February 11 2010, Case No. URS-2010-00390	Section 2
43. Design/Install Requirements	Part 192.741	Identify regulator stations serving 500 customers or more and install telemetry	VASCC Order, April 1 2011, Case No. URS-2010-00389	Section 2
44. Design/Install Requirements	Part 192.605	Revision of procedures to include directional boring and locating of lines	VASCC Order, August 22 2011, Case No. URS-2011-00128	Section 2
45. Design/Install Requirements	Part 192.361 Part 192.327	Investigate and remediate shallow pipe depth	VASCC Order, January 25, 2012, Case No. URS-2011-00410	Section 2
46. Design/Install Requirements	Part 192.605 Part 192.723 Part 192.303 Part 192.353	Revise various O&M procedures including procedures for protecting facilities during bar holing operations, removing sharp edges from steel pipe during plastic insertions and installing meter protection	VASCC Order, March 20, 2012, Case No. URS-2011-00409	Sections 2 (b) 2(c) 2(d)
47. Design/Install Requirements	Part 192.605	Establish procedures to inspect in-line gas heaters at pressure regulator stations	VASCC Order, October 17, 2012, Case No. URS-2012-00235	Section 2
48. Design/Install Requirements	Part 192.11	Install hydrostatic relief valves at and underground storage field	VASCC Order, September 28, 2012, Case No. URS-2012-00234	Section 2
49. Design/Install Requirements	Part 192.361	Requires avoidance of new service under buildings and educational outreach	VASCC Order, April 15, 2013, Case No. URS-2012-00251	Section 2 (g) and 2(h)





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		to building permitting agencies to prevent such occurrences		
50. Design/Install Requirements	Part 192.361	Requires existing services under buildings to be identified, designated and correction of known deficiencies	VASCC Order, April 15, 2013, Case No. URS-2012-00251	Section 2 (i)
51. Design/Install Requirements	Part 192.355	Requires a testing program to determine dispersion amounts of service regulator vents	VASCC Order, April 15, 2013, Case No. URS-2012-00251 VASCC Order, April 15, 2013, Case No. URS-2012-00449	Section 2 (l) Section 2 (i)
52. Risk-Based Approaches	Part 192.614 Part 192.1007	Inline inspection to ensure no gas cross-bores of sewer facilities	VASCC Order, February 11 2010, Case No. URS-2010-00390 VASCC Order, April 15, 2013, Case No. URS-2012-00251	Section 2 Section 2 (m)
53. Risk-Based Approaches	Part 192.1007	Leak survey of cast iron and bare unprotected steel to establish base line	VASCC Order, February 11 2010, Case No. URS-2010-00390	Section 2
54. Risk-Based Approaches	Part 192.1007	Study of non-hazardous leaks to reduce frequency of such leaks	VASCC Order, August 22 2011, Case No. URS-2009-00043	Section 2
55. Risk-Based Approaches	Part 192.1007	Pilot and evaluate automated platform to capture high quality and accurate facility information	VASCC Order, October 17, 2012, Case No. URS-2012-00235	Section 2
56. Risk-Based Approaches	Part 192.1007	Requires customer meter surveillance program and documentation findings to be included in DIMP	VASCC Order, January 22, 2013, Case No. URS-2012-00450 VASCC Order, February 11, 2013, Case No. URS-2012-00451	Section 2 (c) Section 2 (c)
				Section 2 (c)





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			VASCC Order, April 15, 2013, Case No. URS-2012-00449	Section 2 (c)
			VASCC Order, April 15, 2013, Case No. URS-2012-00251	
57. Risk-Based Approaches	Part 192.325	Develop and implement process to find and remedy cross-bores	VASCC Order, April 15, 2013, Case No. URS-2012-00251	Section 2
58. Enhanced Record Keeping	Part 192.605	Various parts of O&M's to address specific noted violations	VASCC Order, August 22 2011, Case No. URS-2009-00043	Section 3
			VASCC Order, June 29 2010, Case No. URS-2010-00055	Section 2
			VASCC Order, July 30 2010, Case No. URS-2010-00166	Section 2
			VASCC Order, April 1 2011, Case No. URS-2010-00389	Section 2
59. Enhanced Record Keeping	Part 192.605	Operator conduct complete review of safety records to ensure compliance	VASCC Order, June 29 2010, Case No. URS-2010-00055	Section 3
60. Enhanced Record Keeping	Part 192.491	Requires records for atmospheric corrosion inspections for continuing surveillance program for customer meters. Records shall be kept for 10 years (not 5 year) or for lifetime of facility	VASCC Order, January 22, 2013, Case No. URS-2012-00450	Section 2 (b) and 2(e)
			VASCC Order, February 11, 2013, Case No. URS-2012-00451	Section 2 (b) and 2(e)
			VASCC Order, April 15, 2013, Case No. URS-2012-00449	Section 2 (b) and 2(e)
			VASCC Order, April 15, 2013, Case No. URS-2012-00251	Section 2 (b) and 2(e)

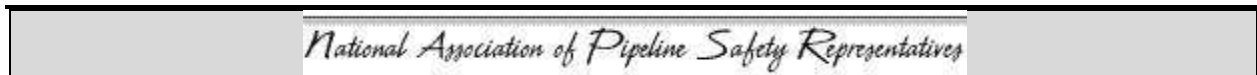




Virginia

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
61. Enhanced Record Keeping	Part 192.491 Part 192.353 Part 192.355 Part 192.357	Customer Meter Surveillance Program records shall include inspection date, inspector, meter location, findings of venting, clearance requirements, alignment of installation, atmospheric corrosion and any corrective actions needed	VASCC Order, January 22, 2013, Case No. URS-2012-00450	Section 2 (e)
			VASCC Order, February 11, 2013, Case No. URS-2012-00451	Section 2(e)
			VASCC Order, April 15, 2013, Case No. URS-2012-00449	Section 2(e)
			VASCC Order, April 15, 2013, Case No. URS-2012-00251	Section 2(e)
62. Inactive Services	Part 192.727	Eliminate all service and main line stubs	VASCC Order, August 22 2011, Case No. URS-2011-00128	Section 2
63. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections





Washington

Key Stats	
State Agency	Washington Utilities and Transportation Commission
Division	Safety and Consumer Protection
Department	Pipeline Safety
Web	http://www.utc.wa.gov/publicSafety/pipelineSafety/Pages/default.aspx
Regulated Intrastate Pipeline Systems	34
Regulated Master Meter Operators	9
Regulated LNG Systems	3
Regulated Hazardous Liquid Systems	9
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	70

Applicable Requirement in CFR				
Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.12	Requires annual reporting of all construction defects and material failures resulting in leakage. Each gas pipeline company must categorize the different types and number of defects and material failures.	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-200(10)(b) Reporting Requirements
2. Enhanced Reporting	Part 191.5 Part 191.9 Part 191.15	Requires reports within 2 hrs of all building evacuations involving gas releases.	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-200(1)(c) Reporting requirements
3. Enhanced Reporting	Part 191.5 Part 195.52	Requires reports within 2 hrs of all incidents.	Washington Administrative Code 480-93 (Gas Companies-Safety) Washington Administrative Code 480-75 (Hazardous Liquid Pipelines-Safety)	WAC 480-93-200(1) Reporting requirements WAC 480-75-630(1) Incident Reporting
4. Enhanced Reporting	Part 191.5 Part 191.9	Requires reports of all unplanned	Washington Administrative Code	WAC 480-93-200(1)(e)





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
	Part 191.15	interruptions of service to greater than 25 customers	480-93 (Gas Companies-Safety)	Reporting requirements
5. Enhanced Reporting	Part 191.5 Part 191.9 Part 191.15	Requires reports for taking any transmission, HP supply, or major distribution pipeline out of service.	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-200(2)(b) Reporting requirements
6. Enhanced Reporting	Part 191.5 Part 191.15	Requires reports within 2hrs of all unintentional ignitions of gas	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-200(1)(d) Reporting Requirements
7. Enhanced Reporting	Part 191.5 Part 191.9 Part 191.15	Requires reporting within 24 hours of all uncontrolled releases of gas exceeding two hours	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-200(2)(a) Reporting Requirements
8. Enhanced Reporting	Part 191.5 Part 191.9 Part 191.15	Requires reporting within 24 hours of any gas pipeline pressure exceeding the established MAOP	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-200(2)(d) Reporting Requirements
9. Enhanced Reporting	Part 191.11 Part 191.13 Part 191.15	Requires submission of each failure analysis report completed or received by a gas pipeline company, concerning any incident or hazardous condition due to construction defects or material failure within five days of completion or receipt of such report.	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-200(6) Reporting Requirements
10. Enhanced Reporting	Part 192.305	Requires pipeline companies to file design, construction, and material specifications at least 45 days prior to construction.	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-017 Filing requirements for design, specification, and construction procedures
11. Enhanced Reporting	Part 192.305	Requires new pipeline companies to file O&M procedure manuals and emergency response	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-180(2) Plans and procedures





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		plans at least 45 days prior to operating any pipeline. Revisions to manuals must be filed annually.		
12. Enhanced Reporting	Part 192.305	Report at least 45 days prior to construction or replacement of any segment of a gas transmission pipeline equal to or greater than 100' in length.	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-160(1) Reporting requirements of proposed construction
13. Enhanced Reporting	Part 192.353	Notify the UTC at least three business days prior to commencing a pressure test of a gas pipeline that will have an MAOP that produces a hoop stress of 20% or more of the SMYS.	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-170(1) Tests and reports for gas pipelines
14. Enhanced Reporting	Part 191.11 Part 191.17	Pipeline company must file with the UTC, and with appropriate officials of all municipalities where gas pipeline companies have facilities, the names, addresses, and telephone numbers of the responsible officials of the gas pipeline company who may be contacted in the event of an emergency. In the event of any changes in such personnel, the gas pipeline company must immediately notify the commission and municipalities.	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-200(11) Reporting requirements
15. Enhanced Reporting	Part 192.617	Requires annual reporting of all construction defects	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-200(10)(b) Reporting requirements





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		and material failures resulting in leakage.		
16. Enhanced Reporting	Part 195.52	Requires incident reporting within 2 hours of all haz liquid lines of releases of 5 gallons or more, \$25K of property damage, or news media event.	Washington Administrative Code 480-75 (Hazardous Liquid Pipelines-Safety)	WAC 480-75-630(1)(d-f) Incident Reporting
17. Enhanced Reporting	Part 195.200	Construction report must be files 45 days prior to construction for and pipeline operated above 20% SMYS.	Washington Administrative Code 480-75 (Hazardous Liquid Pipelines)	WAC 480-75-610
18. Enhanced Reporting	Part 195.300	Report must be filed with Commission if a pressure test is being used to raise the MOP	Washington Administrative Code 480-75 (Hazardous Liquid Pipelines)	WAC 480-75-620
19. Enhanced Reporting	Part 195.49	Annual reports shall include a list of reportable and non-reportable safety related conditions.	Washington Administrative Code 480-75 (Hazardous Liquid Pipelines)	WAC 480-75-650(2)(b)
20. Enhanced Reporting	Part 195.402	Pipeline company shall submit a copy of its current procedural manual to Commission	Washington Administrative Code 480-75 (Hazardous Liquid Pipelines)	WAC 480-75-660(2)
21. Enhanced Reporting	Part 192.614 Part 195.442	Pipeline companies must submit information to the commission in the event of damage to the pipeline	Washington Administrative Code 480-75 (Hazardous Liquid Pipelines) Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-75-630(4) WAC 480-93-200(7)
22. More Direct Oversight	Part 192.305	Requires daily reports of construction and repair activities (company and their contractors). Reports must be received no later than 10:00 a.m. each day of the scheduled work.	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-200(12) Reporting requirements





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
23. More Direct Oversight	Part 192.353	Notify the UTC at least three business days prior to commencing a pressure test of a gas pipeline that will have an MAOP that produces a hoop stress of 20% or more of the SMYS.	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-170(1) Tests and reports for gas pipelines
24. More Direct Oversight	Part 195.402	Pipeline company shall have procedures to respond to earthquakes and for assessing, monitoring and remediating areas subject to landslides.	Washington Administrative Code 480-75 (Hazardous Liquid Pipelines)	WAC 480-75-660(1)
25. More Direct Oversight	Part 192.603 Part 192.909	Develop and implement a management of change program	WUTC Commission order Docket PG-110443	Action item III (C)(1)
26. More Direct Oversight	Part 192.703 Part 192.605	Develop and implement a centralized maintenance tracking system	WUTC Commission order Docket PG-110443	Action item III (C)(2)
27. More Direct Oversight	Part 192.303	Develop and implement a quality control / quality assurance program	WUTC Commission order Docket PG-110443 & WUTC Commission order Docket PG-060215	Action item III (C)(3) Agreement II (14)
28. More Direct Oversight	Part 192.13	Conduct third party audit of company pipeline safety program.	WUTC Commission order Docket PG-060215	Agreement II (20)
29. Valves	Part 192.181 Part 192.745 Part 192.747	Requires written main line valve maintenance program detailing valve selection process, inspection, maintenance, operating procedures, and criteria noted in rule.	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-100(1) Valves
30. Valves	Part 192.181 Part 192.745 Part 192.747	Requires written service line valve maintenance program detailing valve	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-100(2) Valves





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		selection process, inspection, maintenance, operating procedures, and criteria noted in rule.		
31. Valves	Part 192.181 Part 192.745 Part 192.747	Valves must be operated and maintained at least annually.	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-100(3) Valves
32. Pressure Testing	Part 192.553	When uprating to a MAOP greater than sixty psig, submit at least 45 days before, a written plan of procedures including all applicable specifications with drawings of the affected pipeline systems.	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-155 Increasing maximum allowable operating pressure
33. Operating Pressure	Part 195.406	A pipeline company must perform a surge analysis to ensure that surge pressure does not exceed one hundred ten percent of the MOP. System must be designed and operated consistent with analysis.	Washington Administrative Code 480-75 (Hazardous Liquid Pipelines)	WAC 480-75-320
34. Damage Prevention	Part 195.412	Right of way inspections for Hazardous liquid pipelines must be conducted weekly.	Washington Administrative Code 480-75 (Hazardous Liquid Pipelines)	WAC 480-75-530
35. Damage Prevention	Part 195.400	Hazardous Liquid Pipelines constructed after April 1, 1970 must conduct a depth of cover survey every five years. Pipelines in areas subject to subsoiling must be surveyed every three years.	Washington Administrative Code 480-75 (Hazardous Liquid Pipelines)	WAC 480 75-640
36. Operator Qualification	Part 192.801	Includes “new construction” in the	Washington Administrative Code	WAC 480-93-013 Covered Tasks





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
37. Meter Location	Part 192.353	definition of “covered task” Residential and commercial meter set assemblies should be installed outside at the building wall.	480-93 (Gas Companies-Safety) Washington Administrative Code	WAC 480-90-323(3) Meter set assembly location
38. Meter Location	Part 192.355	The meter set assembly must be protected with a protective barrier whenever damage by vehicles or marine traffic is likely to occur.	480-90 (Gas Companies-Operations) Washington Administrative Code	WAC 480-90-323(4) Meter set assembly location
39. Odorant	Part 192.625	Sniff tests must be performed at least once monthly.	480-93 (Gas Companies-Safety) Washington Administrative Code	WAC 480-93-15(2) Odorization of gas
40. Odorant	Part 192.625	Each gas pipeline company must odorize the gas in its pipeline	480-93 (Gas Companies-Safety) Washington Administrative Code	WAC 480-93-15(1) Odorization of gas
41. Odorant	Part 192.625	Pipeline company must take prompt action to investigate and remediate odorant concentrations that do not meet the minimum requirements.	480-93 (Gas Companies-Safety) Washington Administrative Code	WAC 480-93-15(3) Odorization of gas
42. Leak Tests	Part 192.723 Part 192.706	"Business district" means an area where the public regularly congregates or where the majority of the buildings on either side of the street are regularly utilized, for financial, commercial, industrial, religious, educational, health, or recreational purposes.	480-93 (Gas Companies-Safety) Washington Administrative Code	WAC 480-93-05(3) Definitions
43. Leak Tests	Part 192.723 Part 192.706	"High occupancy structure or area" means a building or an outside area (such as a playground, recreation	480-93 (Gas Companies-Safety) Washington Administrative Code	WAC 480-93-05(14) Definitions





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		area, outdoor theater, or other place of public assembly) that is occupied by twenty or more persons on at least five days a week for ten weeks in any twelve-month period. (The days and weeks need not be consecutive.)		
44. Leak Tests	Part 192.723	Gas pipelines operating at or above two hundred fifty psig - at least once annually, but not to exceed fifteen months between surveys;	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-188(3)(c) Gas leak surveys
45. Leak Tests	Part 192.723	Cast iron, wrought iron, copper, or noncathodically protected steel - at least twice annually, but not to exceed seven and one-half months between surveys	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-188(3)(d)
46. Leak Tests	Part 192.723	Unodorized gas pipelines - at least monthly	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-188(3)(e)
47. Leak Tests	Part 192.723 Part 192.706	Prior to paving or resurfacing, following street alterations or repairs where gas pipelines are under the area to be paved, and where damage could have occurred to gas pipelines	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-188(4)(a)
48. Leak Tests	Part 192.723 Part 192.706	In areas where substructure construction occurs adjacent to underground gas pipelines, and damage could have occurred to the gas pipeline, each	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-188(4)(b)





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		gas pipeline company must perform a gas leak survey following the completion of construction, but prior to paving		
49. Leak Tests	Part 192.723	After third-party excavation damage to services, each gas pipeline company must perform a gas leak survey from the point of damage to the service tie-in	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-188(4)(e) Definitions
50. Response to Leaks	Part 192.723	Based on an evaluation of the location and/or magnitude of a leak, the gas pipeline company must assign one of the leak grades defined in WAC 480-93-18601 to establish the leak repair priority.	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-186(1) Leak evaluation
51. Response to Leaks	Part 192.723	Must investigate any odor, leak, explosion, or fire, which may involve its gas pipelines, promptly (<i>means to dispatch qualified personnel without undue delay</i>) after receiving notification	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-185(1) Gas leak investigation
52. Response to Leaks	Part 192.723	Grade 1 and 2 leaks can only be downgraded once to a Grade 3 leak without a physical repair. After a leak has been downgraded once, the maximum repair time for that leak is twenty-one months.	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-186(4) Leak evaluation
53. Replacement Program	Part 192.489	Complete Cast Iron & Bare Steel (207 Miles) replacement program (1 company)	WUTC Commission Order No. 2, Jan 31, 2005, Docket # PG-	Appendix A Exhibit 1





Washington

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			030080 and PG-030128	
54. External/Internal Corrosion	Part192.465 Part 195.573	Must complete remedial action within 90 days to correct <u>any</u> cathodic protection deficiencies known and indicated by any test, survey, or inspection.	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-110(2) Corrosion control
			Washington Administrative Code 480-75 (Hazardous Liquid Pipelines)	WAC 480-75-510 Remedial action for corrosion deficiencies
55. Cathodic Protection	Part 195.561	Before backfilling, each company must electrically inspect new coated pipe using a holiday detector.	Washington Administrative Code 480-75 (Hazardous Liquid Pipelines)	WAC 480-75-410
56. Cathodic Protection	Part 192.465	Must take a cathodic protection test reading each time an employee or representative of the gas pipeline company exposes the facility and the protective coating is removed.	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-110(8) Corrosion control
57. Design/Install Requirements	Part 192.325	For PE, separation requirements from other utilities. 12 inches (perpendicular) and 6 inches (when crossing).	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-178(4) and (5) Protection of plastic pipe
58. Design/Install Requirements	Part192.303	Commission approval required prior to operating a gas pipeline at pressures greater than 250 psig, and up to and including 500 psig within 100' of a building or High Occupancy Structure (HOS). May not operate a gas pipeline at >500 psig within 500' of a building, a HOS, or highway without commission approval.	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-020(1)(a) & (1)(b) Proximity considerations





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
59. Design/Install Requirements	Part 195.428	Breakout tanks must have independent level alarms.	Washington Administrative Code 480-75 (Hazardous Liquid Pipelines)	WAC 480-75-330
60. Design/Install Requirements	Part 195.106	For new systems, pipe design factors must be consistent with class location requirements.	Washington Administrative Code 480-75 (Hazardous Liquid Pipelines)	WAC 480-75-370
61. Design/Install Requirements	Part 195.252	Bedding shall be clean sand and soil and must not contain any stones larger than one half inch.	Washington Administrative Code 480-75 (Hazardous Liquid Pipelines)	WAC 480-75-400
62. Risk-based approaches	Part 195.452	Hazardous Liquid Pipeline companies must provide leak detection under flow and no flow conditions. Leak detection systems must be capable of detecting an eight percent of maximum flow leak within fifteen minutes or less.	Washington Administrative Code 480-75 (Hazardous Liquid Pipelines)	WAC 480-75-300 (1) and (2)
63. Enhanced Record Keeping	Part 192.625	Odorization records must be kept for five years)	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-015 (5) Odorization of gas
64. Enhanced Record Keeping	Part 192.491	Each gas pipeline company must record and retain a record of each cathodic protection test, survey, or inspection required by 49 CFR Subpart I	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-110 (1) Corrosion control
65. Enhanced Record Keeping	Part 192.605	Instrument calibration and ID records must be kept for odorization equipment, cathodic protection equipment and instrumentation, pressure testing equipment, and gas detection equipment.	Washington Administrative Code 480-93 (Gas Companies-Safety)	WAC 480-93-015(5) Odorization of gas, 480-93-110(3) Corrosion control, 480-93-170(10) Tests and reports for gas pipelines, 480-93-188(2) Gas leak surveys





Washington

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
66. Enhanced Record Keeping	Part 192.709(c) Part 192.723	Maintain all gas leak investigation records for the life of the pipeline	Washington Administrative Code 480-93 (Gas Companies-Safety)	480-93-185(1) Gas leak investigation
67. Enhanced Record Keeping	Part 192.517	Must maintain pressure test records for the life of the pipeline	Washington Administrative Code 480-93 (Gas Companies-Safety)	480-93-170(7) Tests and reports for gas pipelines
68. Enhanced Record Keeping	Part 192.517	Must keep detailed records of all pressure tests performed. Data points required outlined in rule. When multiple pressure tests on a single installation, the gas pipeline company must maintain a record of each test.	Washington Administrative Code 480-93 (Gas Companies-Safety)	480-93-170(7) & (9) Tests and reports for gas pipelines
69. State Inspection Programs	Part 190.203	Risk based inspection program in place.	N/A	
70. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections

National Association of Pipeline Safety Representatives





West Virginia

Key Stats	
State Agency	Public Service Commission of West Virginia
Division	Engineering
Department	Gas Pipeline Safety Section
Web	http://www.psc.state.wv.us/div/gaspipelinesafety.htm
Regulated Intrastate Pipeline Systems	49
Regulated Master Meter Operators	35
Regulated LNG Systems	0
Regulated Hazardous Liquid Systems	5
Regulated LPG Operators	1
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	5

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 192.605 Part 195.402	Requires filing of inspection and maintenance plans and periodic changes with the commission	West Virginia Code of State Rules, Title 150 Legislative Rule, Public Service Commission, Series 4, Rules and Regulations for the Government of Gas Utilities and Gas Pipeline Safety	150 CSR 4, Section 9.7.1 Inspection and Maintenance Plans
2. More Direct Oversight	Part 192.301 Part 195.200	Requires completion report of construction of pipeline extension within 60 days	West Virginia Code of State Rules, Title 150 Legislative Rule, Public Service Commission, Series 4, Rules and Regulations for the Government of Gas Utilities and Gas Pipeline Safety	150 CSR 4, Section 9.9 Completion Report
3. More Direct Oversight	Part 191.22 Part 195.64	Requires 30-day advance notice of major construction	West Virginia Code of State Rules, Title 150 Legislative Rule, Public Service Commission, Series 4, Rules and Regulations for the Government of	150 CSR 4, Section 9.8.1 Major Construction





West Virginia

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
4. Odorant	Part 192.625	Each utility shall file with the Commission a report of its plan for odorization	Gas Utilities and Gas Pipeline Safety West Virginia Code of State Rules, Title 150 Legislative Rule, Public Service Commission, Series 4, Rules and Regulations for the Government of Gas Utilities and Gas Pipeline Safety	150 CSR 4, Section 8.2.4 Safety Requirements
5. State Inspection Program	Part 190.203	Specifies inspection of operators operating, maintenance and emergency procedures at least every 18 months and Master Meter Operators at least every 30 months	West Virginia Code of State Rules, Title 150 Legislative Rule, Public Service Commission, Series 4, Rules and Regulations for the Government of Gas Utilities and Gas Pipeline Safety	150 CSR 4, Section 11.5 Inspections, Enforcement, and Appeals

National Association of Pipeline Safety Representatives





Wisconsin

Key Stats	
State Agency	Wisconsin Public Service Commission
Division	Division of Energy Regulation and Analysis
Department	Pipeline Safety Program
Web	https://psc.wi.gov/Pages/ForUtilities/Energy/PipelineSafetyProgram.aspx
Regulated Intrastate Pipeline Systems	20
Regulated Master Meter Operators	approx. 30
Regulated LNG Systems	3
Regulated Hazardous Liquid Systems	0
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	75

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 192.305	<p>Unless a gas public utility is required to obtain a certificate of authority, it shall notify the commission of any of the following projects using the notification procedure in par. (b):</p> <ol style="list-style-type: none"> 1. Connection of service to a customer that appears to be a master meter system operator. 2. Making a new connection to an interstate or intrastate gas pipeline. <p>(b) A utility desiring to proceed with a project identified under par. (a) shall file a notification with the commission at least 15</p>	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 133 Construction, Installation, And Placing In Operation Of Facilities By Gas Utilities	PSC 133.03 When commission authorization or notification is required





Wisconsin

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		days, or as soon as practicable, before it intends to begin construction of the project. The notification shall include a brief description and location of the project		
2. Enhanced Reporting	Part 192.605	All gas public utilities and gas pipeline operators shall file with the public service commission a copy of the manual of written procedures for conducting operations and maintenance activities under 49 CFR 192.605(a). Each change in the manual shall be filed with the commission within 20 days after the change is made.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter I, General Provisions	PSC 135.019 Adoption of federal minimum pipeline safety standards by reference.
3. Enhanced Reporting	Part 192.615	All gas public utilities and gas pipeline operators shall file with the public service commission a copy of emergency response required under 49 CFR 192.605(a). Each change in the manual shall be filed with the commission within 20 days after the change is made.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter I, General Provisions	PSC 135.019 Adoption of federal minimum pipeline safety standards by reference.
4. Enhanced Reporting	Part 191.3	Each interruption of service which affects more than 100 customers shall be reported by mail, telephone, or telegraph to the commission within 48 hours following the	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 134 Standards for Gas Service	PSC 134.18 Record of interruption of service





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		discovery of the interruption		
5. Enhanced Reporting	Part 192.305	A single gas pipeline project and associated plant, or any plant or addition to plant the cost of which exceeds \$2,500,000 or 4% of the utility’s gross gas operating revenue received during the previous calendar year. 5 Other scenarios requiring notification are specified.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 133 Construction, Installation, And Placing In Operation Of Facilities By Gas Utilities	PSC 133.03 When commission authorization or notification is required
6. Valves	Part 192.747	Inspection shall include checking of alignment to permit use of a key or wrench and clearing from the valve box or vault any debris which would interfere or delay the operation of the valve. Records shall be maintained to show specific valve location and such records shall be made continuously accessible to authorized personnel for use under emergency conditions..	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.747 Valve maintenance: distribution systems addition
7. Valves	Part 192.747	The by-pass valves in district regulator stations supplying gas to a low pressure distribution system shall be sealed, locked or otherwise be rendered incapable of operation, except by authorized personnel.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.747 Valve maintenance: distribution systems addition
8. Valves	Part 192.365	Whenever gas is supplied to a theater, church, school, factory or other building where large numbers of	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas	PSC 135.365 Service lines: location of valves addition





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
9. Valves	Part 192.355	persons assemble, an outside valve in such case will be required. Requires check valve on services to be installed in certain situations	Safety Subchapter II Additions to 49 CFR Part 192 Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.355 Customer meters and regulators: protection from damage additions
10. Pressure Testing	Part 192.505	Except in freezing weather or when water is not available, pipelines or mains larger than 6 inches in diameter, installed in class locations 1, 2, or 3, shall be hydrostatically tested in place to at least 90% of the specified minimum yield strength.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.505 Strength test requirements for steel pipeline to operate at a hoop stress of 30 percent or more of SMYS addition
11. Pressure Testing	Part 192.511	Each segment of a service line, other than plastic, intended to be operated at a pressure between 0 and 1 p.s.i.g. shall be given a leak test at a pressure of not less than 50 p.s.i.g.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.511 Test requirements for service lines addition
12. Pressure Testing	Part 192.751	Whenever the accidental ignition in the open air of gas/air mixture might be likely to cause personal injury or property damage, precautions shall be taken.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.751 Prevention of accidental ignition addition
13. Operating Pressure	Part 192.623	At no outlet in the service area shall it ever be greater than one and one-fourth of the standard service pressure nor greater than 12 inches of water nor ever be less than	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 134 Standards for Gas Service	PSC 134.23 Pressure variation





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		<p>one-half of the standard service pressure nor less than 4 inches of water.</p> <p>(b) At any single outlet it shall never be greater than twice the actual minimum at the same outlet.</p> <p>(c) At any one outlet the normal variation of pressure shall not be greater than the following:</p> <p>Minimum Pressure Normal Variation Permissible</p> <p>4-5 in. 3 in.</p> <p>5-6 in. 3 1/2 in.</p> <p>6-8 in. 4 in</p>		
14. Operating Pressure	Part 192.753	Existing unreinforced bell and spigot jointed cast iron pipe shall be operated at low pressure unless it can be proved to the public service commission that it can be satisfactorily operated at a higher pressure. However, the operating pressure under any circumstances shall not exceed 15 p.s.i.g	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.753 Caulked bell and spigot joints addition
15. Operating Pressure	Part 192.621	The maximum allowable operating pressure of cast iron under any circumstances shall not exceed 15 p.s.i.g. Except for maintenance of existing mains, no new cast iron may be installed after November 1, 1999	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.621 Maximum allowable operating pressure: high-pressure distribution systems additions
16. Operating Pressure	Part 192.621	The intercity or supply mains for these	Wisconsin Administrative Code,	PSC 135.621





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		distribution systems may be operated at pressures higher than 60 p.s.i.g. if the number of services supplied from these mains are limited and these mains are not an integral part of the distribution system. The pressure and the services supplied from these higher pressure intercity and supply mains shall be limited to 60 p.s.i.g. unless the service lines are equipped with series regulators or other pressure limiting devices as prescribed in 49 CFR 192.197(c).	Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	Maximum allowable operating pressure: high-pressure distribution systems additions
17. Operating Pressure	Part 192.623	No person may operate a low pressure distribution system at a pressure in excess of that provided by s. PSC 134.23 (1).	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.623 Maximum allowable operating pressure: low-pressure distribution systems addition
18. Damage Prevention	Part 192.707	When transmission lines are located outside urban areas, their location shall be marked, recognizable to the public, at each fence line, road crossing, railroad crossing, river, lake, stream, or drainage ditch crossing and wherever it is considered necessary to identify the location of a pipeline to reduce the possibility of damage or interference.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.707 Line markers for mains and transmission lines addition





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
19. Damage Prevention	Part 192.707	When distribution mains are located outside urban areas, their location shall be marked, recognizable to the public, at each fence line, road crossing, railroad crossing, river, lake, stream, or drainage ditch crossing and wherever it is considered necessary to identify the location of a pipeline to reduce the possibility of damage or interference.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.722 Addition
20. Damage Prevention	Part 192.614	All operators of natural gas pipelines shall be a member of a single, state-wide one-call system. If there is more than one state-wide one-call system, the public service commission may determine which system the operators will join.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.614 Damage prevention program addition
21. Damage Prevention	Part 192.361	Plastic service lines that are not encased shall either be installed with an electrically conductive wire having adequate corrosion resistant characteristics or protection or some other acceptable means of readily locating the buried service pipe from the ground surface shall be provided.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.375 Service lines: plastic addition
22. Leak Tests	Part 192.743	Service regulators and associated safety devices on customers' premises shall be	Wisconsin Administrative Code, Public Service Commission (PSC)	PSC 135.744 Addition





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		inspected and tested periodically to determine whether they are in proper operating condition. This shall include testing of the set pressure of the regulator at a specific flow rate, determination of the lock-up pressure, and determination as to whether there are any leaks, internal or external, associated with the regulator. The test interval shall be the same as the interval between meter changes in the meter rotation program under PSC 134.30.	Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	
23. Leak Tests	Part 192.613	Whenever a road or street is paved or repaved with permanent pavement, the operator shall do all of the following: 1) Check for leaks with continuous sampling to 100 ppm 2) visual examination of condition 3) repair any leaks 4) replace pipe if it is likely to be corroded prior to next street resurfacing	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.613 Continuing surveillance additions
24. Leak Tests	Part 192.723	In addition to 49 CFR 192.723(b)(1), an additional leakage survey with a leak detection device shall be conducted over street openings in business districts, as shown by maps filed	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.723 Distribution systems: leakage surveys additions





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		with the public service commission by each utility, at intervals not exceeding 15 months, but at least once each calendar year and not more [less] than 4 months before or after the survey required under 49 CFR 192.723(b)(1).		
25. Leak Tests	Part 192.723	In each business district the piping from the service entrance to the meter outlet and metering and regulating equipment shall be tested for gas leakage in those buildings that have gas service	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.723 Distribution systems: leakage surveys additions
26. Leak Tests	Part 192.723	A survey of all buildings used for public gatherings, such as schools, churches, hospitals, and theaters, shall be conducted at intervals not exceeding 15 months, but at least once each calendar year. The piping from the service entrance to the meter outlet and metering and regulating equipment shall be tested for gas leakage.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.723 Distribution systems: leakage surveys additions
27. Leak Tests	Part 192.723	In incorporated cities and villages, in addition to a survey of public buildings, the operator shall conduct a leak survey of all mains using a continuous-sampling instrument capable of detecting and measuring combustible	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.723 Distribution systems: leakage surveys additions





Wisconsin

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		gas in air concentrations of 100 parts per million. The utility may substitute for the test required by this provision a survey by mobile flame ionization or infrared gas detection units. The tests required by this provision shall be made at intervals not exceeding 15 months, but at least once each calendar year.		
28. Leak Tests	Part 192.723	Along all mains in unincorporated areas, a leakage survey with leak detection equipment shall be conducted at least once every 2 calendar years at intervals not exceeding 27 months	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.723 Distribution systems: leakage surveys additions
29. Leak Tests	Part 192.723	A leakage survey of all services conducted with an acceptable leak detection device shall be made at intervals not exceeding five years	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.723 Distribution systems: leakage surveys additions
30. Leak Tests	Part 192.723	When a leak complaint is received and the odor of gas indicates that there is a leak in or near the premises, a search shall be carried to conclusion until the leak is found	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.723 Distribution systems: leakage surveys additions
31. Leak Tests	Part 192.723	When a leak is found and repaired, a further check shall be made in the vicinity of the repaired leak to determine if there is any other source of	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.724 Addition





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		migrant gas in the neighborhood.		
32. Authority Beyond OPS	Part 192.623	All changes in the pressure and specific gravity greater than the allowable variation, and changes in the composition of the gas which would materially affect the operation of the customer's appliances must be accompanied by a general inspection and adjustment of all appliances that would be affected by the changes	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 134 Standards for Gas Service	PSC 134.10 Service on customer's premises.
33. Authority Beyond OPS	Part 192.616 Part 192.3	Each utility shall adopt and file with this commission a policy for inspection of customer's appliances. Each gas utility shall establish an educational and inspection program designed to inform customers and assist the general public in the proper and efficient operation and maintenance of gas burning equipment	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 134 Standards for Gas Service	PSC 134.10 Service on customer's premises.
34. Authority Beyond OPS	Part 192.615	Whenever a gas utility is required to enter a customer's premises to re-establish service to relight appliances due to a non-emergency interruption of service, an inspection of the burner ignition and flame appearance shall be made on each appliance which is relit to check for safety and	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 134 Standards for Gas Service	PSC 134.10 Service on customer's premises.





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		efficient operation. The utility will be prepared to advise the customer relative to the safety and efficiency of connected appliances.		
35. Extending LDC Responsibility	Part 192.3 Part 191.11 Part 191.12	The operators shall report the number of leaks which were found in customer-owned facilities by either a survey or complaint during the preceding calendar year.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter I, General Provisions	PSC 135.016 Leak survey reports
36. Cathodic Protection	Part 192.457	Notwithstanding the provisions of 49 CFR 192.457(b) regarding active corrosion, effectively coated steel distribution pipelines, except for those portions including services and short sections that because of their nature and installation make cathodic protection impractical and uneconomical, shall be cathodically protected along the entire area that is effectively coated in accordance with this subpart.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.457 External corrosion control: buried or submerged pipelines installed before August 1, 1971 addition
37. Design/Install Requirement	Part 192.53	Twenty inch steel pipe and larger, with a SMYS of 52,000 p.s.i.g. or higher, shall be tested for fracture toughness in accordance with the applicable section of respective API standard under which it was produced, except for small lot purchases of pipe where testing	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.053 General Additions





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		for fracture toughness is impractical		
38. Design/Install Requirement	Part 192.53	When substantial quantities of pipe are acquired certified reports of chemical composition and physical properties shall be obtained; when the quantity of pipe involved is so limited that this requirement would be impractical, a certified statement shall be obtained setting forth the specification under which the pipe was manufactured.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.053 General Additions
39. Design/Install Requirement	Part 192.55	Pipe manufactured from steel made by the Bessemer process shall not be used	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.055 Steel pipe addition
40. Design/Install Requirement	Part 192.125	Fittings in copper piping and exposed to the soil, such as service tees and pressure control fittings, shall be made of bronze, copper or brass	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.125 Design of copper pipe addition
41. Design/Install Requirement	Part 192.163	All compressor station buildings shall be constructed of Non-combustible materials. Exits shall be provided in compliance with the requirements of the Wisconsin Commercial Building Code, chs. Comm 60 to 65. Ladders shall not be used for exits. All	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.163 Compressor stations: design and construction additions





Wisconsin

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		electrical equipment and wiring installed in gas transmission and distribution compressor stations shall conform to the requirements of the state electrical code, chs. Comm 16 and PSC 114.		
42. Design/Install Requirement	Part 192.171	Fire protection. Fire-protection facilities shall be provided as specifically directed by the department of commerce and the local fire department. The operation of fire-protection facilities, such as pumps, shall not be affected by an emergency shutdown	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.171 Compressor stations: additional safety equipment addition
43. Design/Install Requirement	Part 192.173	There shall be compliance with the state heating, ventilation, and air conditioning code.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.173 Compressor stations: ventilation addition
44. Design/Install Requirement	Part 192.181	The distance between the valve and the regulator or regulators shall be sufficient to permit the operation of the valve during an emergency such as a large gas leak or a fire in the station. These valves shall be in accessible locations neither closer than 25 feet nor more than 1,500 feet distant from each regulator station	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.181 Distribution line valves addition





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
45. Design/Install Requirement	Part 192.183	In the design of vaults and pits for pressure limiting, pressure relieving and pressure regulating equipment, the installed equipment shall be protected from damage, such as that resulting from an explosion within the vault or pit, which may cause portions of the roof or cover to fall into the vault.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.183 Vaults: structural design requirements additions
46. Design/Install Requirement	Part 192.183	Vault or pit openings shall be located so as to minimize the hazards of tools or other objects falling upon the regulator, piping, or other equipment. The control piping and the operating parts of the equipment installed shall not be located under a vault or pit opening where workers can step on them when entering or leaving the vault or pit, unless such parts are suitably protected. Whenever a vault or pit opening is to be located above equipment which could be damaged by a falling cover, a circular cover should be installed or other suitable precautions taken.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.183 Vaults: structural design requirements additions
47. Design/Install Requirement	Part 192.187	The outside end of the ducts shall be equipped with a suitable weatherproof fitting or vent-head designed to prevent foreign matter	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II	PSC 135.187 Vaults: sealing, venting, and ventilation addition





Wisconsin

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		from entering or obstructing the duct. The effective area of the openings in such fittings or vent-heads shall be at least equal the cross-sectional area of a 4-inch duct. The horizontal section of the ducts shall be as short as practical and shall be pitched to prevent the accumulation of liquids in the line. The number of bends and offsets shall be reduced to a minimum and provisions shall be incorporated to facilitate the periodic cleaning of the ducts	Additions to 49 CFR Part 192	
48. Design/Install Requirement	Part 192.189	Equipment shall operate safely if submerged. Electrical equipment in vaults shall conform to the applicable requirements of the state electrical code.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.189 Vaults: drainage and waterproofing additions
49. Design/Install Requirement	Part 192.195	Prescribes 6 types of suitable devices that are allowed for high pressure distribution systems. Prescribes 5 types of suitable devices for low pressure distribution systems. Prescribes 2 types of suitable devices that are allowed for bottle tight holders.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.195 Protection against accidental over pressuring additions
50. Design/Install Requirement	Part 192.197	The service regulator shall be of a type that is capable under normal operating conditions of	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas	PSC 135.197 Control of the pressure of gas delivered from high-pressure





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		regulating the downstream pressure within the limits of s. PSC 134.23 and of limiting the build-up of pressure under no-flow conditions to 50% or less of the discharge pressure maintained under flow conditions.	Safety Subchapter II Additions to 49 CFR Part 192	distribution systems additions
51. Design/Install Requirement	Part 192.197	In addition to the provisions of 49 CFR 192.197(a) and (b), if the maximum actual operating pressure of the distribution system is greater than low pressure and is equal to or less than 60 p.s.i.g., a suitable protective device shall be installed to prevent unsafe overpressuring of the customer's appliances should the service regulator fail. These devices may be installed as an integral part of the service regulator or as a separate unit. Some of the suitable types of protective devices to prevent overpressuring of customers' appliances are: (1) A monitoring regulator. (2) A relief valve. (3) An automatic shut-off device.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.197 Control of the pressure of gas delivered from high-pressure distribution systems additions
52. Design/Install Requirement	Part 192.197	Breather vents shall be provided on all service regulators	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II	PSC 135.197 Control of the pressure of gas delivered from high-pressure





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
53. Design/Install Requirement	Part 192.199	Outlet ports shall be insect-proof and consideration shall be given to all exposures in the immediate vicinity including windows or locations where gas can enter confined areas;	Additions to 49 CFR Part 192 Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	distribution systems additions PSC 135.199 Requirements for design of pressure relief and limiting devices additions
54. Design/Install Requirement	Part 192.199	Precautions shall be taken to prevent unauthorized operation of any valve which will make pressure limiting devices inoperative. This provision applies to isolating valves, by-pass valves, and valves on control or float lines which are located between the pressure limiting device and the system which the device protects. 2 methods are specified for compliance	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.199 Requirements for design of pressure relief and limiting devices additions
55. Design/Install Requirement	Part 192.203	The company operating the pipelines shall take specified precautions where gas pipelines parallel overhead electric transmission lines on the same right-of-way,	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.204 Addition
56. Design/Install Requirement	Part 192.245	Precautions to Avoid Explosions of Gas-Air Mixtures or Uncontrolled Fires During Construction Operations are specified as requirements	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.246 Addition





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
57. Design/Install Requirement	Part 192.279	Copper pipe shall be joined by using either a compression type coupling or a brazed or soldered lap joint. The filler material used for brazing shall be a copper-phosphorous alloy or silver base alloy. Butt welds are not permissible for joining copper pipe or tubing	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.279 Copper pipe addition
58. Design/Install Requirement	Part 192.307	The field inspection provided on each job shall be suitable to reduce to an acceptable minimum the chances that gouged or grooved pipe will get into the finished transmission line or main. Inspection for this purpose just ahead of the coating operation and during the lowering in and backfill operation is required.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.307 Inspection of materials addition
59. Design/Install Requirement	Part 192.309	Due primarily to climate conditions, gouges, grooves, notches, and dents have been found to be an important cause of steel pipe failures and an attempt shall be made to prevent or eliminate harmful defects of this nature.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.309 Repair of steel pipe addition
60. Design/Install Requirement	Part 192.319	Requirement of grading the ditch so that the pipe has a firm, substantially continuous bearing on the bottom of the ditch. When long sections of pipe that have been	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.319 Installation of pipe in a ditch additions





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		welded alongside the ditch are lowered in, care shall be exercised so as not to jerk the pipe or impose any strains that may kink or put a permanent bend in the pipe.		
61. Design/Install Requirement	Part 192.321	The casing pipe shall be reamed and cleaned to the extent necessary to remove any sharp edges, projections, or abrasive material which could damage the plastic during and after insertion. That portion of the plastic piping which spans disturbed earth shall be adequately protected by a bridging piece or other means from crushing or shearing from external loading or settling of backfill. Care shall be taken to prevent the plastic piping from bearing on the end of the casing.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.321 Installation of plastic pipe additions
62. Design/Install Requirement	Part 192.323	Casing requirements of highway authorities shall be followed; however, construction type shall not be any less than provided by 49 CFR 192.323	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.323 Casing addition
63. Design/Install Requirement	Part 192.323	Whenever a steel pipeline is installed under a railroad track and a casing is not used, the operator shall install the pipeline using the methods prescribed in Gas Research Institute report number	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.324 Addition





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		GRI-91/0285, entitled "Guidelines for Pipelines Crossing Railroads and Highways."		
64. Design/Install Requirement	Part 192.325	No distribution main or transmission line shall be installed under buildings.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.325 Underground clearance addition
65. Design/Install Requirement	Part 192.355	At locations where service regulators might be submerged during floods, either a special anti-flood type breather vent fitting shall be installed, or the vent line shall be extended above the height of the expected flood waters	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.355 Customer meters and regulators: protection from damage additions
66. Design/Install Requirements	Part 192.371	Requirements for protecting coating of steel services when boring or driving through rocky soils	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.371 Service lines: steel addition
67. Design/Install Requirement	Part 192.377	Copper service lines installed within a building may not be concealed. Ferrous valves and fittings installed on underground copper service lines shall be protected from contact with the soil or insulated from the copper pipe.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.377 Service lines: copper additions
68. Design/Install Requirement	Part 192.629	No pipeline, main, or service shall be purged into any building or confined space.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas	PSC 135.629 Purging of pipelines addition





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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
			Safety Subchapter II Additions to 49 CFR Part 192	
69. Design/Install Requirements	Part 192.713	Gouges and grooves of lesser depth than 10% of the nominal wall thickness of the pipe may be removed by grinding out to a smooth contour provided the grinding does not reduce the remaining wall thickness to less than the minimum prescribed by 49 CFR 192 for the conditions of use.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.713 Transmission lines: permanent field repair of imperfections and damages addition
70. Design Install Requirements	Part 192.735	All aboveground oil or gasoline storage tanks shall be constructed and protected in accordance with ch. Comm 10.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.735 Compressor stations: storage of combustible materials addition
71. Design Install Requirements	Part 192.741	Each low pressure distribution system shall be equipped with telemetering or recording pressure gage or gages as may be required to properly indicate the gas pressure in the system at all times. At least once each year the pressure variation shall be determined throughout each system.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.741 Pressure limiting and regulating stations: telemetering or recording gauges addition
72. Risk Based Approaches	Part 192.719	If inspections at any time reveal an injurious defect, gouge, groove, dent, or leak, immediate temporary measures shall be employed to	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II	PSC 135.720 Addition





Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		protect the property and public if it is not feasible to make permanent repair at time of discovery. As soon as feasible, permanent repairs shall be made using recognized methods of repair.	Additions to 49 CFR Part 192	
73. Enhanced Record Keeping	Part 192.613	Whenever underground pipes are exposed in order to repair leaks, the utility shall record on the repair order the nature of the leak and possible cause from observation.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.613 Continuing surveillance additions
74. Inactive Services	Part 192.727	Special efforts shall be made to include services which have not been used for ten years in a way that will remove gas from the customers' premises. The plan shall include all of the following provisions: (1) If the facilities are abandoned in place, they shall be physically disconnected from the main at the service tee. The open ends of all abandoned facilities shall be capped, plugged, or otherwise effectively sealed. (2) In cases where a main is abandoned, together with the service lines connected to it, insofar as service lines are concerned, only the customers' end of such service lines need be sealed.	Wisconsin Administrative Code, Public Service Commission (PSC) Chapter 135 Gas Safety Subchapter II Additions to 49 CFR Part 192	PSC 135.727 Abandonment or deactivation of facilities addition





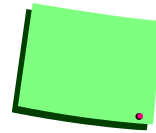
Wisconsin

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Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
		(3) Until the time a service is abandoned, it shall be treated as active for purposes of applying the regulations of 49 CFR 192. If a service line is not treated as an active line, it shall be physically disconnected at the main and purged, no later than 2 years after becoming inactive		
75. State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections

National Association of Pipeline Safety Representatives





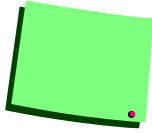
Wyoming

Key Stats	
State Agency	Wyoming Public Service Commission
Division	Pipeline and Water Division
Department	Gas and Pipeline Safety Program
Web	https://psc.wyo.gov/pipeline
Regulated Intrastate Pipeline Systems	28 (9 distribution, 14 transmission, 5 gathering)
Regulated Master Meter Operators	0
Regulated LNG Systems	1
Regulated Hazardous Liquid Systems	0
Quantity of State Pipeline Safety Initiatives that exceed CFR 190-199	12

Applicable Requirement in CFR

Category	Federal Regulation Part/SubPart	Additional or More Stringent State Requirement	State Source Type {Law/Rule/Order}	State Source Detail
1. Enhanced Reporting	Part 191.3	In addition to notifying the NRC Requires notifications within 2 hours of all incidents	Wyoming Public Service Commission Current Rules and Regulations Chapter III: Electric, Gas and Water Utilities	Section 27(a) SIRT; Reportable Incidents
2. Enhanced Reporting	Part 191.3	Requires notifications within 2 hours of all outages greater than 25 customers	Wyoming Public Service Commission Current Rules and Regulations Chapter III: Electric, Gas and Water Utilities	Section 27(d)(ii)(A) SIRT; Reportable Incidents
3. Enhanced Reporting	Part 191.3	Requires notifications within 2 hours of all building evacuations involving gas affecting greater than 25 people	Wyoming Public Service Commission Current Rules and Regulations Chapter III: Electric, Gas and Water Utilities	Section 27(d)(ii)(B) SIRT; Reportable Incidents
4. Enhanced Reporting	Part 191.3	Requires quarterly reporting of all major, minor, sustained service interruptions	Wyoming Public Service Commission Current Rules and Regulations Chapter III: Electric, Gas and Water Utilities	Section 28(a)(ii) Service Interruption Reporting
5. Enhanced Reporting	Part 191.3	Requires monthly construction progress	Wyoming Public Service Commission	Section 22(b) & Section 22(d)





Wyoming

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			reports and completion report within 180 days of finish	Current Rules and Regulations Chapter III: Electric, Gas and Water Utilities	Construction Reports
6.	Enhanced Reporting	Part 191.3	Requires 5 year forecast of construction projects	Wyoming Public Service Commission Current Rules and Regulations Chapter II, General Regulations	Section 230 Construction Forecast Reports
7.	Enhanced Reporting	Part 191.3	Requires updated contact list of supervisors every 6 months	Wyoming Public Service Commission Current Rules and Regulations Chapter III: Electric, Gas and Water Utilities	Section 3(b)(i) Service Interruptions
8.	Enhanced Record Keeping	Part 192.605	Requires Maps to contain size, character, location, drip, street valve, district regulator & service connection updated no later than 180 days	Wyoming Public Service Commission Current Rules and Regulations Chapter III: Electric, Gas and Water Utilities	Section 14 (d)(iii) Records & Section 22 (d)(xvii) Construction Reports
9.	Enhanced Record Keeping	Part 192.605	Requires pressure charts of supply points for 3 years	Wyoming Public Service Commission Current Rules and Regulations Chapter III: Electric, Gas and Water Utilities	Section 14 (d)(ii)(B) Records
10.	Enhanced Record Keeping	Part 192.605	Requires meter records of capacity, purchase, id #, type, capacity, manufacturer and location	Wyoming Public Service Commission Current Rules and Regulations Chapter III: Electric, Gas and Water Utilities	Section 14 (a) Records
11.	Enhanced Record Keeping	Part 192.605	Requires records regarding calibration of equipment identified	Wyoming Public Service Commission Current Rules and Regulations	Section 18(a) Meter Testing Program
12.	State Inspection Program	Part 190.203	More Frequent Inspections/Contacts and Detailed Audits	None	Inspection Forms and Frequency Operator Inspections



Appendix

State Pipeline Safety Initiatives that Exceed Federal Code

The following pages contain a Summary of Pipeline Initiatives Description for Each State