



Certified Petroleum Safety, Health, Environmental Administrator (CPSHEA) – Refinery Systems

Course Credential: CPSHEA – Refinery Systems

Course Duration: 5 Days CEU's 4.6

Course fees: \$1995.00

Course Certification: Certified Petroleum Safety & Health Administrator Refineries Systems

Course Introduction:

Refineries and Pipeline companies are responsible for the safety of pipelines, operating under a comprehensive series of regulations from construction to operation and maintenance. Federal and state pipeline inspectors evaluate whether operators are being diligent in meeting regulatory requirements, conducting proper inspections, and making necessary repairs.

The U.S. Department of Transportation's Pipelines and Hazardous Materials Safety Administration (PHMSA) issues pipeline safety regulations addressing construction, operation, and maintenance, inspects pipeline operators, and enforces against violations of pipeline safety laws and regulations. PHMSA regulates interstate and intrastate hazardous liquids transmission pipelines, except that PHMSA approves some state agencies to exercise interstate inspection authority and/or intrastate inspection and enforcement authority. States may issue regulations over intrastate pipelines if they are consistent with federal regulations. These state pipeline safety agencies are usually members of the National Association of Pipeline Safety Representatives (NAPSR).

PHMSA also regulates onshore crude oil gathering pipelines that could impact highly populated areas, cross commercially navigable waterways, or affect rural unusually sensitive areas. PHMSA regulates gathering pipelines greater than 6 5/8" diameter in all "non-rural" areas and rural areas (1) within a quarter-mile of an "unusually sensitive area" and (2) operating above a certain pressure. Unusually sensitive areas are determined by PHMSA and include drinking water sources and ecological resources unusually sensitive to environmental damage from a liquids release. Other gathering lines can be regulated by states or the Interior Department.

Course Objectives:

This 5-day course that provides awareness level training for engineers new to the design, construction, operations and maintenance of hydrocarbon liquids and natural gas liquids (NGLs) pipeline systems.

This course will cover pipeline systems located in the United States and integrate seven topics into the life cycle of pipelines and related facilities.

Topics Include:

- Technical basis for refinery pipeline systems
- Key facilities that are integrated into pipeline systems
- Regulatory and environmental compliance
- Key considerations for public and governmental interaction
- Project development and construction challenges
- Strategies for pipeline system operations
- Maintenance and repair

Audience:

- Human Resource Personnel
- Oil and Gas Drilling & Refinery and Pipeline Contractors
- Safety, Health & Environmental Professionals
- Site Safety Committees & Representative
- Training Managers
- Industrial Hygienists

Testing:

Students completing the course must take a proctored final exam. A score of 80% on the final exam is necessary to receive your personalized certificate of completion. The student gets three (3) attempts to pass the course.

