Training Center

JAC Consulting, Inc.

503 Woodlawn St.

2020 Training Seminar Schedule

❖ 503 Woodlawn Street, Belmont, NC 28012 ❖

JAC Consulting, Inc. will present our Three (3) day, Hands-On, Pressure Relief Valve Repair Maintenance Training Seminars with an additional One (1) day Pilot Operated Relief Valve (PORV) Seminar on the following dates in 2020 at our 503 Woodlawn Street Training Facility in Belmont, NC:

Seminar Dates:

June 16-19, 2020
July 14-17, 2020
August 18-21, 2020

Hours 8:00 AM – 4:30 PM

Seminar Description/Fees:

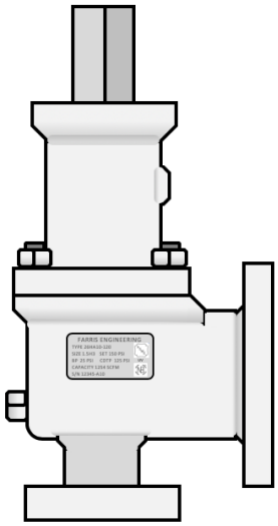
- PRV Tuition $1,200.00 per Person
- PORV Tuition $400.00 per Person

Class Size: 4 to 8 Students

This course is 70% Hands-On

The Scope of Hands-On Training shall include the following:

- Classroom Activities
- Codes & Standards Comparison
- PRV Nomenclature & Terminology
- Principles of PRV Operation
- PRV Repair Activities (Hands On)
- Disassembly & Critical Inspection
- Lapping & Reassembly
- Air & Liquid Testing
- Sealing & Repair Nameplate Stamping
- PRV Troubleshooting
- PRV Repair Documentation
- ***Special Addition:*** *Pilot Operated Relief Valve Seminar*



503 Woodlawn Street
Belmont, NC 28012

Phone 704.301.8532
Fax 704.820.8408

The class is presented in Belmont, NC, at our NEW Training Facility located west of Charlotte, NC, near Belmont Abbey College off Exit 26 on I-85 South. There are Hotels nearby (see map and hotel contact information on page 3).

The Classes will run Tuesday through Friday.

Registrations should be received 30 days prior to the start of class.

TUITION

Three Day Seminar: $1,200 per person

Pilot Operated Class: $ 400 per person

Special Price for all four (4) days is only **$ 1,500**. Save **$ 100** per person.

Tuition covers all directly related seminar expenses including handouts. However, travel, lodging and meal expenses are the responsibility of each registrant and are not included in tuition.

PAYMENT

- Credit Card or Company check made payable to JAC Consulting, Inc.
- Company billing - please mail, fax, phone, or email a purchase order

All payment information must be received by JAC Consulting, Inc. in advance.

CONFIRMATION

Please be sure to have confirmation of your enrollment before making travel arrangements. If you have not received a confirmation letter prior to the start of the seminar, please call or email JAC Consulting, Inc. to confirm your enrollment.

CANCELLATION

Cancellation notice must be received 30 days prior to start of seminar to ensure a full refund. Cancellations received after this date will be subject to a $400 service charge. Substitution of attendees may be made at any time. JAC Consulting, Inc. reserves the right to cancel the seminar if there are not enough students to justify holding the class. We need to have a minimum of four (4) participants. JAC Consulting, Inc. reserves the right to cancel seminars at its discretion.

TAX DEDUCTIONS

U.S. Treasury Regulation 1.625 permits an income tax deduction for educational expenses (including registration fees, travel, meals, and lodging) undertaken to maintain and improve professional skills. Please determine how the regulation fits your situation.

NOTICES

Recording devices are strictly prohibited.

The JAC Consulting, Inc. Training Facility is a nonsmoking facility.

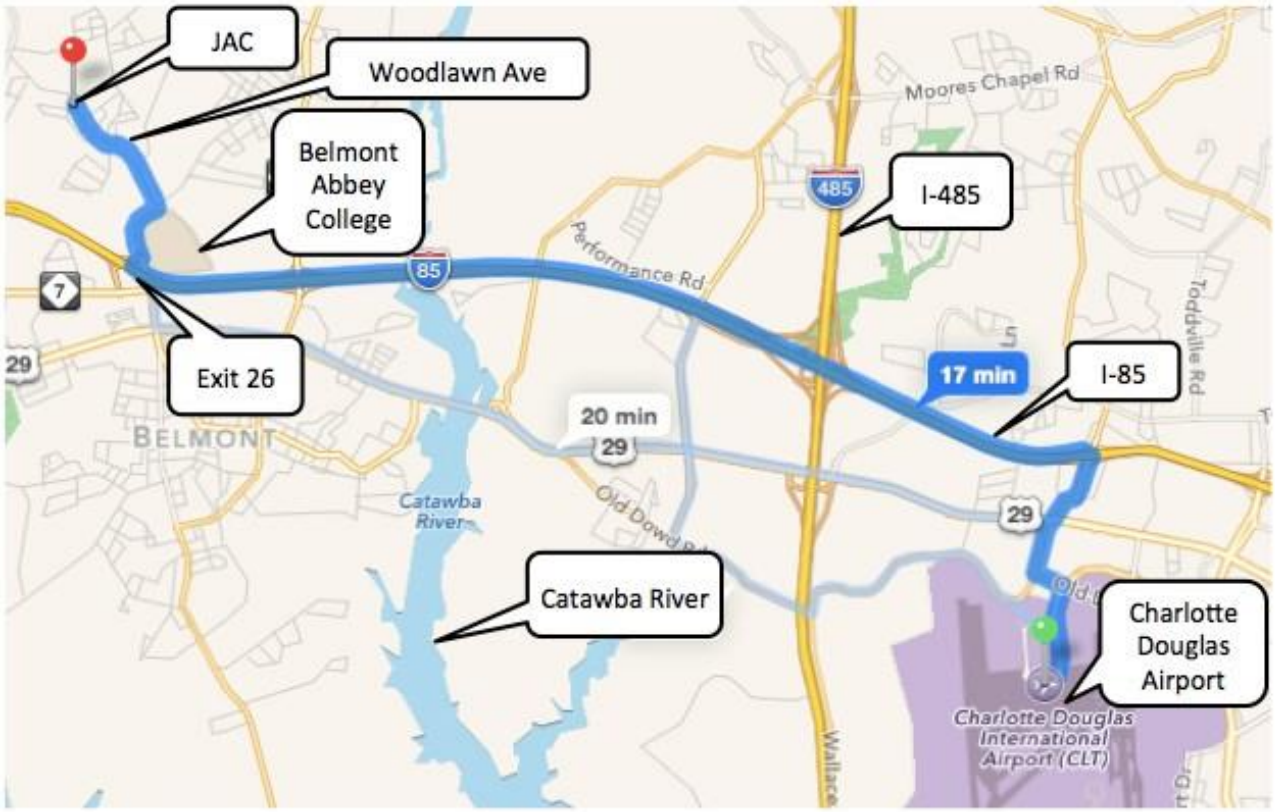
We have had attendees in this PRV Repair Seminar from industries including, Pharmaceutical, Oil & Gas, Petrochemical, Nuclear & Fossil Power Stations and National Board Certified “VR” Shops in more than twenty States, Puerto-Rico, Canada, Dominican Republic, Indonesia & Bangladesh.

CLASS HOURS

Class hours are 8:00 AM until 4:30 PM. There are numerous Restaurants within minutes of the Training Facility. The schedule calls for fifty (50) minutes of instruction time and ten (10) minute breaks every hour.

Please complete and return the following registration form in order to secure you spot(s) in the class. Thank you for your interest in our Training Programs.

MAP TO JAC CONSULTING, INC. TRAINING FACILITY
Located at 503 Woodlawn Street, Belmont, NC 28012



The four (4) nearest hotels are at Exits 26, 27 & 32, approximately 1.5 to 8.5 miles from JAC Consulting, Inc.:

Holiday Inn Express (Exit 27 on I-85 South) 250 Beatty Drive Belmont, NC 28012 (704) 812-2000 **(Recommended)**	Holiday Inn (Exit 32 on I-85 South) 2707 Little Rock Road Charlotte, NC 28214 (704) 394-4301
Hampton Inn (Exit 26 on I-85 South) 820 Cecilia Alexander Dr. Belmont, North Carolina 28012 (704) 825-6100 **(Recommended)**	Courtyard by Marriott (Exit 32 on I-85 South) 2700 Little Rock Road Charlotte, NC 28214 (704) 319-9900

Please contact us for more information.

Best Regards,

J. Alton Cox
JAC Consulting, Inc.

Pressure Relief Valve
Quality Program Consulting
& Hands-On Maintenance Training

JAC Consulting, Inc.

TRAINING SEMINAR REGISTRATION FORM

Pressure Relief Valve Training: Hands-On Inspection, Repair & Testing

Pilot Operated Relief Valve Training: Hands-On Repair & Testing

Enter Date of Preferred Course: ⇨	PRV Class Date:	PORV Class Date:	Email Address for Map & Directions
Name of Attendee:			
Name of Attendee:			
Name of Attendee:			
Name of Attendee:			
Name of Attendee:			
Name of Attendee:			

Company Name: _____

Company Address 1: _____

Company Address 2: _____

City: _____ State: _____ ZIP: _____

Telephone: _____ FAX: _____

Email: _____

PAYMENT INFORMATION: FEE $ 1,200.00 per person for three (3) day PRV Class
FEE $ 400.00 per person for one (1) day PORV Class
FEE $ 1,500.00 Special for Both Classes, four (4) days

Purchase Order No.: _____

Check No. (Enclosed): _____

Credit Card: ☐ VISA ☐ MasterCard ☐ American Express

Card Info: For your protection, please call with your Credit Card Number to minimize paper copies or electronic records of your sensitive information. Thank you.

Email or Fax completed form to: alton@jaltoncox.com or Fax 704.820.8408

Call with questions: 704.301.8532

JAC CONSULTING, INC. INTERNAL USE ONLY. PLEASE DO NOT WRITE BELOW THIS LINE.	
CAPTURED:	DATE:
REFERENCE:	BY:

503 Woodlawn Street
Belmont, NC 28012
Phone 704.301.8532
Fax 704.820.8408

2020 Training Registration Form

TRAINING FACILITY
503 WOODLAWN STREET
BELMONT, NC 28012

PRV MAINTENANCE SEMINAR SCHEDULE

DAY	TIME	LESSON TITLE	BREAKS
One	3 Hr	INTRODUCTION to HANDS-ON PRV REPAIR	Breaks on the hour
	1 Hr	NAMEPLATE DATA INTERPRETATION [SRV]*	Lunch
	1 Hr	DISASSEMBLY [SRV]*	Breaks on the hour
	3 Hr	CRITICAL INSPECTION [SRV]*	Day 1 Completed
Two	1 Hr	CRITICAL INSPECTION [SRV]* (Continued)	Breaks on the hour
	2 Hr	LAPPING [SRV]*	Break
	1 Hr	ASSEMBLY [SRV]*	Lunch
	1 Hr	DISASSEMBLY [SV]* (Continued)	Break
	1 Hr	CRITICAL INSPECTION [SV]* (Continued)	Break
	1 Hr	LAPPING [SV]* (Continued)	Break
	1 Hr	ASSEMBLY [SV]* (Continued)	Day 2 Completed
Three	4 Hr	AIR & LIQUID TESTING*	Breaks on the hour
	2 Hr	SEALING & NAMEPLATE STAMPING*	Break
	1 Hr	TROUBLESHOOTING	Break
	1 Hr	PRV PRESENTATION SUMMARY & REVIEW	Class Completed
		SPECIAL ADDITIONAL PILOT OPRATED SEMINAR	
Four	1 Hr	INTRODUCTION TO PILOT OPERATED RELIEF VALVES	Breaks on the hour
	1 Hr	MAIN VALVE DISASSEMBLY & INSPECTION*	Break
	1 Hr	MAIN VALVE REASSEMBLY*	Break
	1 Hr	SNAP ACTING PILOT DISASSEMBLY & INSPECTION*	Lunch
	1 Hr	SNAP ACTING PILOT REASSEMBLY & TESTING*	Break
	1 Hr	MODULATING PILOT DISASSEMBLY & INSPECTION*	Break
	1 Hr	MODULATING PILOT REASSEMBLY & TESTING*	Class Completed

* SHOP / HANDS-ON

JAC CONSULTING, INC. TRAINING DEPARTMENT
PRESSURE RELIEF VALVE MAINTENANCE
TRAINING COURSE SYLLABUS

This three (3) day seminar combines hands-on experience and classroom instruction in order to review Pressure Relief Valve (PRV) diagnostics and trouble shooting. This Performance Based Training Course using the Systematic Approach was developed by JAC Consulting, Inc. with the intention of improving the Knowledge, Skill, Attitude, and Ability of Maintenance Personnel involved in PRV Repair and Testing.

There are nine (9) sessions in this Seminar. Each session has specific Terminal Performance Objectives (TPO). One or more Enabling Objectives for each TPO are included as well. The TPOs are listed in this Syllabus. The instructor will draw upon his personal knowledge and experience to enhance the Student Handout Materials presented with this Seminar.

An Achievement Record is provided to document verification of the individual tasks each student performs. Written Examinations are used to provide for periodic review and evaluation. Performance Evaluation is the entire basis of each student's grade (Satisfactory/Unsatisfactory).

The TPOs for this seminar are as follows:

* Provided with a PRV Cutaway, identify all major components and their respective functions in accordance with manufacturer's nomenclature and accepted industry terminology.
* Presented with a PRV nameplate, and Manufacturer's Catalog, transcribe and interpret data to determine proper application in accordance with manufacturer's recommendations and applicable ASME Code requirements.
* Provided with a PRV, hand tools, and test equipment, perform, and document, preliminary test with no errors.
* Given a PRV and hand tools, disassemble the PRV to component level and record the "as found" condition following the manufacturer's maintenance procedure.
* Presented with PRV components, diagnose problems in accordance with accepted troubleshooting techniques with 100% accuracy.
* Given PRV Nameplate Data, select Inspection Criteria and inspection tools to determine the acceptability of Critical PRV Parts.
* Using Inspection Criteria and inspection tools, determine the acceptability of Critical PRV Parts in accordance with inspection criteria.
* Provided with laps, compounds, and a PRV seat (Disc/Nozzle), obtain the required finish.
* Given a PRV and hand tools, assemble a PRV and preset the adjustments to manufacturer's recommendations.
* Presented with a PRV, hand tools, and test equipment, test and adjust a PRV to the applicable ASME Code specifications.
* Given hand tools, sealing pliers, wire & lead seals, lock and seal all external adjustments of a PRV in accordance with ASME Code requirements.
* Given a QC Traveler, document all steps of repair as required.

2020 Training Registration Form

(PRV Training Course Continued)

The instructor will document the performance of the following TASKS by each student:

* Read and discuss the Glossary provided
* Participate in a discussion of ASME Code requirements
* Participate in a discussion of PRV Nomenclature
* Identify all components of typical Safety and Safety-Relief from PRV cutaways
* Participate in a discussion of PRV Applications & Installations
* Participate in a discussion of PRV Operating Principles
* Participate in a discussion of PRV nameplate data interpretation
* Disassemble a PRV, record and evaluate "as found" condition
* Participate in a discussion of troubleshooting techniques
* Select and use dimensional instruments correctly
* Demonstrate the ability to read prints and apply tolerances
* Inspect all points of a PRV in accordance with a procedure
* Participate in a discussion on machining PRV parts
* Lap PRV seating surfaces and grind PRV bearing points
* Assemble a PRV in accordance with a procedure
* Adjust the Set Pressure of a PRV
* Lock & Seal all external adjustments on a PRV
* Participate in a discussion on Documentation & Traceability
* Participate in a discussion on PRV Repair Support Functions