

PIPELINE CONSTRUCTION, OPERATIONS, AND MAINTENANCE

July 13-14, 2017
EUCI Offices
4601 DTC Blvd.
Denver, CO



EUCI is authorized
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1.5 CEUs for the
course

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OVERVIEW

Several recent major accidents have increased regulatory scrutiny of the pipeline industry. Pipeline operators are now faced with an increasing number of compliance inspections from regulatory agencies – the USDOT’s Pipeline and Hazardous Materials Safety Administration (PHMSA) and/or the many state pipeline safety agencies under PHMSA’s oversight. At a time when PHMSA is hiring a record number of new inspectors nationwide, pipeline operators are faced with a changing workforce and the loss of seasoned, knowledgeable employees due to retirements and layoffs created by mergers, acquisitions and depressed energy prices.

These changes and personnel shifts in the industry have increased the need for new compliance and operations personnel to better understand and comply with the pipeline regulations found in 49 Code of Federal Regulations, Part 192 (Minimum Safety Standards for Natural Gas, et. al).

This course will concentrate on those areas of the regulations (construction, operations, maintenance, and recordkeeping) that have the largest impact on the safety of pipeline systems – whether gathering, transmission, or distribution. As previously stated, it is primarily intended for compliance personnel and field supervisors who are responsible for interpreting and implementing the requirements of these regulations.

The instructors in this course have over 80 years’ combined experience, both having worked on the regulatory side (with both state & federal pipeline safety agencies) and with the natural gas and petroleum industries. They can provide a perspective of the intent of PHMSA and the regulations as well as the means that an operator must follow to ensure compliance.

LEARNING OUTCOMES

- Discuss basic concepts with the associated pipeline regulation
- Review the intent of various PHMSA regulations (construction, operations, and maintenance)
- Briefly discuss history, background, and navigation of the regulations
- Define terms and definitions
- Describe record keeping requirements
- Set out best practices for O&M and construction
- Relate PHMSA enforcement citations and penalties
- Assist operators in preparing for PHMSA & state inspections

COURSE TIMING

THURSDAY, JULY 13, 2017

8:00 – 8:30 am	Registration and Continental Breakfast
8:30 am – 5:00 pm	Course Timing
12:00 – 1:00 pm	Group Luncheon

AGENDA

Introduction

- Welcome
- Introduction of students & instructors
- Class agenda
- Training objectives

Background and History of Pipeline Regulations

- 1968 Natural Gas Act & regulations
- How regulations are created (NPRM, Final Rules, Corrective Orders)
- Navigating Part 192
- Current status of regulations (proposals)
- Electronic resources

Operations & Maintenance, and Construction

- Terms & definitions
- Key code requirements
- Manuals & procedures
- Class location determination
- Establishing and verification of MAOP (Maximum Allowable Operating Pressure)
- Odorization requirements
- Patrolling and leak survey requirements
- Inspection/maintenance requirements for regulator stations
- Recordkeeping

Operator Qualifications (OQ)

- Written program
- Covered tasks
- Qualification methods
- Aligning field activities, code requirements & OQ evaluations
- Record keeping

COURSE TIMING

FRIDAY, JULY 14, 2017

8:00 – 8:30 am **Continental Breakfast**

8:30 am – 5:00 pm **Course Timing**

12:00 – 1:00 pm **Group Luncheon**

AGENDA

Construction

- Construction specifications/standards
- Code requirements
- Field application
- Stringing
- Trenching
- Non-destructive testing
- Cover and backfilling
- Testing requirements
- Recordkeeping

Welding

- Code requirements
- Qualification of procedures
- Qualification of welders
- Procedure & welder qualification records
- Production welding
- Maintaining welder qualification

Corrosion Control

- Basic corrosion
- Code requirements
- Pipe-to-soil surveys
- Close interval surveys
- Rectifier inspection/maintenance
- Recordkeeping

PHMSA Inspection and Enforcement

- Compliance program per Part 190
- Preparation for PHMSA inspections (inspection forms)
- Recent enforcement actions

COURSE INSTRUCTORS

Thomas Lael

Formerly with ConocoPhillips Pipeline Company

Mr. Lael has been involved with the pipeline industry for over 45 years. He has worked for various State Pipeline Regulatory agencies (Illinois, Connecticut, and California) and the Federal government (Transportation Safety Institute, now known as Training and Qualification's (T&Q)). More recently Mr. Lael has worked for major petroleum pipeline operators as a code compliance officer, and Operator Qualifications Administrator. He has been responsible for determining the operator's compliance with Federal and State pipeline safety regulations and determining the intent of current and proposed PHMSA regulations.

Mr. Lael spent ten years working with ConocoPhillips as the OQ administrator for the company OQ program. His employment with ConocoPhillips evolved from his initial employment with Tosco Corporation starting in 1999, merged into Phillips Pipeline Company in 2001 and finally into ConocoPhillips in 2002. He was responsible for the OQ qualifications for approximately 950 employees and over 1,500 contract individuals.

Mr. Lael has worked as an expert witness on legal cases concerning pipeline safety and accident/incident investigations. Mr. Lael has investigated numerous natural gas and petroleum pipeline explosion and fires.

Don McCoy

Formerly with PHMSA's Office of Pipeline Safety

Don is a native of Georgia and a graduate of Georgia Tech with a bachelor's degree in aerospace engineering. After several years in the aerospace industry, Don changed careers to the natural gas industry and pipeline safety, including regulatory stints with the Georgia Public Service Commission and the U.S. Department of Transportation's Pipeline & Hazardous Materials Safety Administration – Office of Pipeline Safety. Don's pipeline industry experience included 40+ years at Oklahoma-based companies Mustang Fuel Corporation, Enogex Inc., Chesapeake Energy, Chesapeake Midstream, and Access Midstream.

REQUIREMENTS FOR SUCCESSFUL COMPLETION OF PROGRAM

Participants must sign in/out each day and be in attendance for the entirety of the course to be eligible for continuing education credit.

INSTRUCTIONAL METHODS

PowerPoint presentations and discussion will be used in this course.

IACET CREDITS



EUCI has been accredited as an Authorized Provider by the International Association for Continuing Education and Training (IACET). In obtaining this accreditation, EUCI has demonstrated that it complies with the ANSI/IACET Standard which is recognized internationally as a standard of good practice. As a result of their Authorized Provider status, EUCI is authorized to offer IACET CEUs for its programs that qualify under the ANSI/IACET Standard.

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EVENT LOCATION

EUCI Offices

4601 DTC Blvd.
Denver, CO 80237

NEARBY HOTELS

Hyatt Regency Denver Tech Center

7800 E. Tufts Ave
Denver, CO 80237
Phone: 303-779-1234
0.3 miles away

Denver Marriott Tech Center

4900 S. Syracuse St
Denver, CO 80237
Phone: 303-779-1100
0.7 miles away

Hyatt Place Denver Tech Center

8300 E. Crescent Parkway
Greenwood Village, CO 80111
Phone: 303-804-0700
0.9 miles away

REGISTRATION
to register [CLICK HERE](#) or

Call: 201 871 0474
fax: 253 663 7224
email: register@pmaconference.com
web: <http://pmaconference.com/>
Mail: POB 2303 Falls Church Va 22042

Please make checks payable to: "PMA"

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See nearby hotels on page 6

PLEASE REGISTER

PIPELINE CONSTRUCTION, OPERATIONS, AND MAINTENANCE COURSE

July 13-14, 2017 | Denver, CO: US \$1495
Early bird on or before June 23, 2017: US \$1295

How did you hear about this event? (direct e-mail, colleague, speaker(s), etc.)

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List any dietary or accessibility needs here

CREDIT CARD INFORMATION

Name on Card Account Number

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Billing Zip Code/Postal Code Exp. Date Security Code (last 3 digits on the back of Visa and MC or 4 digits on front of AmEx)

OR Enclosed is a check for \$ _____ to cover _____ registrations.

Substitutions & Cancellations

Your registration may be transferred to a member of your organization up to 24 hours in advance of the event. Cancellations must be received on or before June 9, 2017 in order to be refunded and will be subject to a US \$195.00 processing fee per registrant. No refunds will be made after this date. Cancellations received after this date will create a credit of the tuition (less processing fee) good toward any other EUCI event. This credit will be good for six months from the cancellation date. In the event of non-attendance, all registration fees will be forfeited. In case of course cancellation, EUCI's liability is limited to refund of the event registration fee only. For more information regarding administrative policies, such as complaints and refunds, please contact our offices at (201) 871-0474.