

Gas Control Conference

Course 8000 – CEU's 2.4



Overview

This conference is for those responsible for the selection, application, and operation of regulators in the natural gas industry.

This 3-1/2 day conference demonstrates the fundamentals of natural gas regulators in gas pressure control. This course emphasizes natural gas distribution and also covers natural gas transmission.

Students who complete this conference will be able to:

- evaluate the difference between direct-operated and pilot-operated regulators
- evaluate the different methods of overpressure protection
- properly size regulators and relief valves for natural gas applications
- troubleshoot a wide variety of regulator types (Fisher products are used for general troubleshooting theory)

Prerequisites

At least one year's experience in the field of natural gas regulators is recommended.

Topics

- Monitor Applications
- Noise
- Overpressure Protection
- Pilot-Operated Regulators
- Pressure Factor Measurement
- Regulator Failure Analysis
- Regulator Selection
- Regulator Sizing
- Regulator Stability
- Self-Operated Regulators
- Troubleshooting—Regulator Olympics*

PHMSA's Training and Qualification guest speakers provide guidelines and lead discussions on various design, operating, and maintenance requirements (49CFR192) as they apply to natural gas regulators.

Location: **McKinney, Texas**

Dates: **October 4-7, 2010**

Cost: **\$ 1500 USD**

To Register: Email education@emersonprocess.com

Or Call: **(800) 338-8158 (Educational Services, Registration)**



Many workshops are used to reinforce classroom lectures.



Dr. Jim Griffin, Director of Research & Development, discusses the new product design process.



Natural Gas skid—city gate, district station, commercial/industrial and distribution regulators—used to stage live operation, maintenance, and troubleshooting demonstrations.

*The Regulator Olympics is a relatively new portion of our Gas Control Conference. Class members are divided into teams (effort is made to ensure a good mix of experience) and teams then participate in troubleshooting regulators—diagnosing district station problems, changing monitor modes, and working on commercial service regulators. It's fun and a great learning experience.