

***THE BEST*** Classroom  
Education and Hands-on  
Training for  
***THE LOWEST*** Cost in  
the Industry!



87th Annual Gas Operations  
**SCHOOL**

August 3 - 5, 2010 Iowa State University, Ames, IA



**UTILITY PARTICIPANT**

# EVERYTHING AT-A-GLANCE

## Who Should Attend

*Field Supervisors and Managers  
Operations Supervisors & Managers  
Excavation & Installation Personnel  
Measurement, Codes or Distribution Technicians*

*Field Service Crew Leaders & Personnel  
Operations Technicians of all levels  
Safety & Training Personnel  
Emerging Leaders in Gas Operations*

## Registration Fee Options

(includes all training including pre-conference, fire school, meals, and meeting materials)

**Early Bird** – Register by **June 11** to receive a \$25 per person discount.

**Season Ticket Offer** – Register **more than 10 people** from the same company and receive an **additional 10% discount**.

**On-site registrations** (including any substitutions) **MUST** have payment or proof of payment on-hand.

Registration Fees	Early Bird	Season Ticket	Regular	Season Ticket
MEA Member	\$325	\$292.50	\$350	\$315
EnergyU Subscriber	\$325	\$292.50	\$350	\$315
Non-Member	\$600	\$540	\$625	\$562.50

## Hotel Information

A complete list of Ames hotels is available on-line at [www.midwestenergy.org](http://www.midwestenergy.org). Click on Annual Operations School, and choose Hotel Information. Reservations must be made by July 9, 2010. If you need further assistance, contact the Ames Convention and Visitors Bureau at 1.800.288.7470.

## CEU's/PDH's

Most classes are eligible for CEU/PDH credit. Applications are available on-site.



## Schedule At-A-Glance

Tuesday, Aug. 4	Event	Location
11 AM – 8 PM	Registration	Quality Inn & Suites
1:00 – 4:00 PM	Advanced Valve Maintenance	Iowa State University
3:30 – 6:30 PM	Outdoor Exhibits & Live Demos	Quality Inn & Suites
6:30 – 9:00 PM	Associate Member Pig Roast	Quality Inn & Suites
6:30 – 11:00 PM	Hospitality Suites	Quality Inn & Suites
Wednesday Aug. 5	Event	Location
7:30 AM	Registration, Breakfast & Indoor Exhibits	Iowa State University
9:00 AM – 1:00 PM	General Session, Keynote, Awards & Lunch	Iowa State University
1:00 – 4:30 PM	Classroom & Hands-on Training	Iowa State University
4:30 – 6:30 PM	Outdoor Exhibits & Live Demos	Quality Inn & Suites
6:30 – 11:00 PM	Dinner & Hospitality Suites	Quality Inn & Suites
Thursday Aug. 6	Event	Location
7:30 AM	Registration, Breakfast & Indoor Exhibits	Iowa State University
8:00 – 4:30 AM	Classroom & Hands-on Training	Iowa State University
Noon – 1:00 PM	Lunch & Indoor Exhibits	Iowa State University
1:00 – 4:30 PM	Fire School	ISU Extension Service
4:30 – 6:20 PM	All School Hospitality, Games & Music	Iowa State University
6:20 – 6:30 PM	Closing Session & Prize Drawings	Iowa State University

# CLASSROOM AND HANDS-ON LEARNING

KEY: [Basic Course](#) [Intermediate Course](#) [Advanced Course](#)

NT - New Technology RC - Regulatory Change S - Safety TT - Technical Training WD - Workforce Development

## TUESDAY AUGUST 3RD

### Advanced Training Session

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1:00 – 4:00 PM

TT

#### Advanced Valve Maintenance

Advanced techniques of maintenance, cleaning & operating various types of valves with hands-on training demonstrations.

Class limit 25-30 people.

Speaker: Ron Meade, DUALCO

## WEDNESDAY, AUGUST 4TH

### Keynote Session

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#### Stevie Ray, Steve Ray's Corporate Services

Nationally syndicated columnist - Business Journal Newspapers; Author - "Spontaneity Takes Practice," "Speaking in Public without Sweating in Private," and "What We Laugh at...and Why."

9:15 – 10:45 AM

#### Think On the Spot with Stevie Ray

Have you ever thought of the perfect response, but it was on the drive home? This unique workshop uses hands-on exercises to give you skills you can use everyday to handle tough, on-the-spot challenges.

### Codes & Standards

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1:00 – 2:00 PM

RC

#### Part 192 Basic

Basic navigation through Part 191 and 192, retroactive sections, basic language and how additions and deletions are identified.

Speaker: Lane Miller, PHMSA TSI

2:30 – 3:30 PM

RC

#### CFR 192 Intermediate

Guide to recent changes to 191 and 192, auditors' expectations to comply and interpretations of the code.

Speaker: Lane Miller, PHMSA TSI

3:30 – 4:30 PM

RC

#### Atmospheric Corrosion Monitoring & AMR

The class teaches how to inspect for atmospheric corrosion, how to accomplish code requirement with AMR, and waiver application.

Speaker: TBD

### Distribution I

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1:00 – 2:00 PM

NT

#### What's New Session

MEA Associate member companies introduce new products/services for the natural gas industry.

2:30 – 3:30 PM

S

#### Vehicle Accident Prevention (Joint with Safety)

New and inventive methods to change driving behaviors both at work and at home.

Speaker: TBD

3:30 – 4:30 PM

NT

#### PE Slow Crack Growth

Study slow crack propagation in PE pipe including the causes and prevention messages.

Speaker: Gene Palermo, Palermo Plastic Pipe Consulting

## Distribution II

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1:00 – 2:00 PM  
NT

### What's New Session

MEA Associate member companies introduce new products/services for the natural gas industry.

2:30 – 3:30 PM  
TT, WD

### Basic Corrosion

Learn the basic fundamentals of cathodic system.

*Speaker: Don Olson, Mercury Instruments*

3:30 – 4:30 PM  
TT, WD

### PE Heat Fusion

Study the basic operation and procedures for fusing plastic pipe including hands-on application.

*Speaker: Jim Jolie, Georg Fischer Central Plastics*

## Measurement & Controls I

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1:00 – 2:00 PM  
NT

### What's New Session

MEA Associate member companies introduce new products/services for the natural gas industry.

2:30 – 3:30 PM  
TT

### Basic Gas Laws

Learn the fundamentals of measurement.

*Speaker: Bob Bennett, Elster American Meter*

3:30 – 4:30 PM  
TT, WD

### Sonic Nozzle Proving

Theory of sonic nozzle proving.

*Speaker: Greg Germ, Elster American Meter*

## Measurement & Controls II

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1:00 – 2:00 PM  
NT

### What's New Session

MEA Associate member companies introduce new products/services for the natural gas industry.

2:30 – 4:30 PM  
TT, WD

### Regulator Trouble Shooting

Effectively recognize and trouble shoot failures and issues.

*Speaker: Dennis Landrum, Emerson/Fisher*

## Safety

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1:00 – 2:00 PM  
WD

### Street Smarts

How to handle customers and situations in metro areas.

*Speaker: TBD*

2:30 – 3:30 PM  
S

### Vehicle Accident Prevention (Joint with Distribution I)

New and inventive methods to change driving behaviors both at work and at home.

*Speaker: TBD*

3:30 – 4:30 PM  
WD

### The Next Generation

Why we are in the generational situation we are, with many employees approaching retirement and how to deal with the turnover.

*Speaker: CEWD*

## Leadership

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2:30 – 3:30 PM  
WD

### Commanding Without Demanding Leadership for the Real World

Being a leader takes more than just occupying a top position in the company. You must be able to motivate employees and inspire excellence in others.

*Speaker: Stevie Ray, Stevie Ray's Corporate Services*

## THURSDAY, AUGUST 5TH

### Codes & Standards

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8:00 – 9:00 AM

RC

#### **NFPA 54 – National Fuel Code**

Gain an understanding of facilities covered by NFPA 54, basic navigation through the code, and additions.

*Speaker: Tom Crane, Crane Engineering*

9:10 – 10:10 AM

RC

#### **ASTM/API Material Standards for Steel Pipe & Fittings**

Discussion on the marking standards of pipe and fittings, manufactured to ASTM/API standards, basic understanding of standards and dual stencil pipe.

*Panel Discussion: Rennie Van Wyk, Moody International*

11:00 – 12:00 Noon

TT

#### **DIMP Regulations Part I**

Review the code requirements for DIMP; DIMP Plan outline and risk analysis.

*Speaker Lane Miller, PHMSA TSI*

1:00 – 2:00 PM

RC

#### **DIMP Regulations Part II**

Code requirements for DIMP, DIMP Plan outline and risk analysis.

*Speaker: Lane Miller, PHMSA TSI*

2:10 – 3:10 PM

RC

#### **AEGIS Incidents & Mock Incidents**

What is a reportable incident, changes in the reporting form.

*Speaker: Scott Macomber, AEGIS*

3:20 – 4:20 PM

RC

#### **Incident Report Forms**

Student will learn what is a reportable incident and changes in the reporting form.

*Speaker: Harold Winnie, PHMSA*

### Distribution I

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8:00 – 10:10 AM

WD

#### **Valve Maintenance**

Learn basic valve maintenance including cleaning, lubrication and operation.

*Speaker: Ron Meade, DUALCO*

11:00 – 12:00 Noon

WD

#### **Pipe Bursting**

Procedures used in trenchless pipe bursting for replacements of mains.

*Speaker: Joe Abell, TT Technologies, Inc.*

1:00 – 2:00 PM

NT

#### **Resource Sharing**

Learn ways of effectively sharing company tooling and equipment using new technology.

*Moderator: John Burke, Vectren; Ron Billings, NiSource*

2:10 – 3:10 PM

TT

#### **Gas Outage Management**

*Speaker: TBD*

3:20 – 4:20 PM

NT

#### **Ultra Sonic Locating**

*Speaker: Brian Bates, BatCO*

## Distribution II

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8:00 – 9:00 AM

TT, WD

### Panel Discussion of PE Pipe Squeeze Off Procedures

Panel discussion on techniques on squeezing off PE pipe and the procedures of relaxing the pipe once the squeeze off tool is removed.

*Panelists: Gene Palermo, Barney Camponeschi, Ken Green*

9:10 – 10:10 AM

TT, WD

### Steel Tapping & Stopping, Classroom – Mueller

Study the techniques and procedures to safely operate the Mueller hot tapping system – Classroom.

*Speaker: Luke Wenneker, Mueller Company*

11:00 – 12:00 Noon

TT, WD

### Steel Tapping & Stopping, Hands On – Mueller

Hands-on techniques & procedures to safely operate the Mueller hot tapping system

*Speaker: Luke Wenneker, Mueller Company*

1:00 – 2:00 PM

TT, WD

### Steel Tapping & Stopping, Classroom – TD Williamson

Learn the techniques and procedures to safely operate the TD Williamson hot tapping system – Classroom.

*Speaker: Darrel Trout, TD Williamson*

2:10 – 3:10 PM

TT, WD

### Steel Tapping & Stopping, Hands On – Mueller

Techniques and procedures to safely operate the Mueller hot tapping system – Hands On.

*Speaker: Darrel Trout, TD Williamson*

3:20 – 4:20 PM

TT, WD

### Gas Lateral vs. Sewer Lateral

Help reduce risk and provide insight in to gas and sewer cross boring.

*Speaker: Doug Benning, Miller Pipeline*

## Measurement & Controls I

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8:00 – 9:00 AM

TT, WD

### Hands-On Rotary Meters – American Meter

Learn how to disassemble, repair and re-assemble rotary meters.

*Speaker: Bob Bennett, Elster American*

9:10 – 10:10 AM

TT, WD

### Hands On Rotary Meters – Dresser

Learn how to disassemble, repair and re-assemble rotary meters.

*Speaker: Craig Lam, Dresser*

11:00 – 12:00 Noon

NT

### New Meter Technology

Various vendors will present their new technology.

1:00 – 2:00 PM

NT

### New Meter Technology

Various vendors will present their new technology.

2:10 – 3:10

TT, WD

### Gas Diversion

Discuss gas diversion throughout the industry, how to recognize gas tampering, gas theft.

*Speaker: Jeffrey Meyer, We Energies*

## Measurement & Controls II

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8:00 – 10:10 AM

TT, WD

### AMR-AMI

Learn various vendors AMR-AMI technology and how it can be used within the industry.

*Various Vendors*

11:00 – 12:00 Noon

TT, WD

### Electronic Correctors – Dresser

How to install corrector, run software, trouble shoot.

*Speaker: Craig Lam, Dresser Inc.*

1:00 – 2:00 PM

TT, WD

#### **Electronic Correctors – Mercury**

How to install corrector, run software, trouble shoot.

*Speaker: Don Olson, Mercury Instruments*

2:10 – 3:10 PM

TT, WD

#### **Principles of Regulators – Self Operation**

Basic operations of self-operating regulators.

*Speaker: Kevin Wilbeck, R. S. Stover*

3:20 – 4:20 PM

TT, WD

#### **Principles of Regulators – Pilot Operation**

Basic operations of pilot-operating Regulators.

*Speaker: Kurt Overton, Experitec*

### **Safety**

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8:00 – 9:00 AM

WD

#### **Hand Tool Safety – Classroom**

The different wrenches have different limitations and the safety of using various hand tools.

*Speaker: Bruce Campbell, Consultant*

9:10 – 10:10 AM

WD

#### **Hand Tool Safety – Hands On**

The different wrenches have different limitations and the safety of using various hand tools.

*Speaker: Bruce Campbell, Consultant*

11:00 – 12:00 Noon

#### **Chemical Safety Board - Purging Safety**

In Oct. 2009, the CSB issued a safety bulletin on gas purging due to multiple serious accidents during purging operations. We'll review the key safety lessons obtained by the CSB.

1:30 – 4:00 PM

TT

#### **Fire School - Participants are bussed to an off-site location.**

Featuring a one-hour classroom session and training in the field.

The classroom focus is Safety first and application of fire triangle concepts. The hands-on session will focus on safety and knowing when to back away from a fire.

*Speaker: Todd Moomaw, ISU Fire Extension Service*

### **Leadership**

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9:10 – 10:10 AM

WD

#### **Team Building & Motivation – Do You Believe in Miracles?**

The influence Herb Brooks had on the world of sports; his unorthodox leadership style; his philosophies on roles and role players and more.

*Speaker: Ross Bernstein, Ross Bernstein Speaking*

11:00 – 12:00 Noon

WD

#### **What's Your Code?**

Taking responsibility and doing things the right way, with respect and integrity, to not just survive in the "new" economy - but to thrive in it on your own terms.

*Speaker: Ross Bernstein, Ross Bernstein Speaking*

### **Additional Learning & Networking Opportunities**

The Annual Gas Operations School offers an unparalleled opportunity for supervisors, managers, crew leaders and field personnel to learn from MEA subject-matter-experts through Outdoor Exhibits with Live Demonstrations, Indoor Exhibits and Hospitality Networking. This is a great time to ask questions, or learn more about tools you use every day, new technologies, or improvements to programs and services that help increase your productivity, safety or efficiency in the field.

### **Health & Wellness in Action**

Staying active helps keep your body and mind focused for learning.

#### **Thursday Aug. 5**

6:30 – 7:15 AM

4:20 – 6:20 PM

#### **Event**

Fun Run/Walk

Bean Bag Toss, Horseshoes

#### **Location**

Iowa State University

Iowa State University



# GAS ANNUAL OPERATIONS SCHOOL REGISTRATION- UTILITY PARTICIPANT

**Return By** July 9, 2010  
**Online** www.midwestenergy.org  
**Fax** (651) 289-9601  
**Questions Call** (651) 289-9600 x119

**Mail** Attn: Sandy Driscoll  
 MEA  
 2119 Cliff Drive  
 Eagan MN 55122-3327

**For Office Use Only:**  
 Code #: 310002  
 Amount \_\_\_\_\_  
 Date Rec'd. \_\_\_\_\_  
 Ck# \_\_\_\_\_ Initial \_\_\_\_\_

## Participant Registrations (Please print and attach additional pages if necessary.)

Company \_\_\_\_\_ Registration Contact \_\_\_\_\_  
 Phone \_\_\_\_\_ Email \_\_\_\_\_  
 Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Name \_\_\_\_\_  
 Title \_\_\_\_\_  
 Phone \_\_\_\_\_  
 Email \_\_\_\_\_

Name \_\_\_\_\_  
 Title \_\_\_\_\_  
 Phone \_\_\_\_\_  
 Email \_\_\_\_\_

**Optional Sessions**

Advanced Valve Maintenance       Fire School

Name \_\_\_\_\_  
 Title \_\_\_\_\_  
 Phone \_\_\_\_\_  
 Email \_\_\_\_\_

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Advanced Valve Maintenance       Fire School

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**Optional Sessions**

Advanced Valve Maintenance       Fire School

Name \_\_\_\_\_  
 Title \_\_\_\_\_  
 Phone \_\_\_\_\_  
 Email \_\_\_\_\_

**Optional Sessions**

Advanced Valve Maintenance       Fire School

**Optional Sessions**

Advanced Valve Maintenance       Fire School

**Indicate which sessions you will most likely attend:**

Codes & Standards  
 Distribution  
 Meas. & Controls  
 Safety  
 Leadership

**List any ADA/Dietary requests:**

\_\_\_\_\_  
 \_\_\_\_\_

**Payment**

MEA Member \_\_\_\_\_ individuals @ \$350 each \$ \_\_\_\_\_

EnergyU Subscriber \_\_\_\_\_ individuals @ \$350 each \$ \_\_\_\_\_

Non Member \_\_\_\_\_ individuals @ \$625 each \$ \_\_\_\_\_

*If registering before June 11 take the following deduction: minus*

**EARLY Bird discount** \_\_\_\_\_ individuals @ \$25 each \$ \_\_\_\_\_

*If registering more than 10 people deduct an additional 10%.*

**Season Ticket Offer** 10% discount \$ \_\_\_\_\_

**Registration Total** \$ \_\_\_\_\_

**Method of Payment**

Please DO NOT email credit card information.

Check payable to Midwest ENERGY Association is enclosed.

Please charge my fee of \$ \_\_\_\_\_ to my:  VISA       MasterCard       Discover       AmEx

Name on card \_\_\_\_\_

Card number \_\_\_\_\_ Exp. Date \_\_\_\_\_

Security code \_\_\_\_\_

**Cancellation Policy**

There is a \$35 administration fee for cancellations before July 9, 2010. No refunds will be issued on cancellations after July 9. Substitutions may be made at any time.

**STOP! Become a member & enjoy registration discounts!**

**If Becoming a New MEA Gas Member or renewing your membership contact Tom Jackson (651) 289-9600 x112**



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**SCHOOL**



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