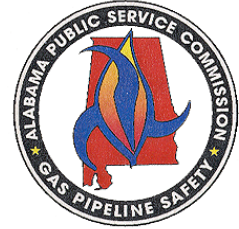


Natural Gas Fall Workshop 2017



Alabama Natural Gas Association



September 11-14, 2017
Leak City
Athens, Alabama



Highlights:

ALL TRAINING & EXHIBITS ON SITE AT LEAK CITY

Technical Workshops – Extended to four full days
Professional Development Workshop
Safety Roundtable
Operations & Regulatory Compliance Update and Roundtable
National Gas Rodeo Competition



Organized and Sponsored by:

Alabama Natural Gas Association
Alabama Public Service Commission
American Public Gas Association
APGA Security and Integrity Foundation
Athens Utilities
Mississippi Natural Gas Association
Mississippi Public Service Commission
Municipal Gas Authority of Georgia
Southern Gas Association
Tennessee Gas Association



Conference Chairman:

Todd Gentle
Huntsville Utilities



Registration fee for the Full Workshop is \$380, Two Day is \$330 and One Day registration fee is \$180. All fees include materials, breakfast, lunch, snacks, Tuesday night reception and Wednesday night cookout.

You can register online or download the registration form and fax it back to the ANGA Office at 256.280.4035

Hotel Reservations:

- Hampton Inn- 1.800.Hampton or 256.232.2377, 30 Rooms Blocked, Room Rate \$106 per night, Cutoff Date – 8/25/2017, Please Reference: ANGA-2017
- Holiday Inn Express-256.232.7931, Room block not established, but you can still call and reserve a room
- Fairfield Inn & Suites- 256.233.4530, Room block not established, but you can still call and reserve a room

How Do I Exhibit ? **ALL EXHIBITS ON SITE AT LEAK CITY**

Registration fee for a table top exhibit is \$350. Exhibit registration fee includes exhibit space and registration for two persons. Additional persons per booth are \$150. Exhibit hours are outlined on the attached Program Outline. All exhibit spaces are “first come/first serve”. There will be no assignments by ANGA. Registered Exhibitors may set up on Monday, September 11, 2017.

Exhibit hours are outlined on the Workshop Schedule.

All breaks will be held in the exhibit area. The goal is to create as much interactivity as possible with gas company attendees and product and service providers.

For more information, contact the Alabama Natural Gas Association @ angamail@alnga.org

Who is the Target Audience?

Generally, the target audience for the operations focused workshops are field level operating professionals. Those who get work done through others (supervisors, team leaders, managers, etc.) would benefit from the Professional Development Workshop. This workshop will be also be appropriate for both field and office personnel.

Supervisors, Managers, and Directors will want to attend the Regulatory Compliance Round Table and/or the Safety Round Table session scheduled as part of this workshop. Engineers should attend Meter & Regulator Station Design for Continuing Education Credit.

Be sure to attend the reception with exhibitors on Tuesday (4:30 - 6:00 pm) to see the latest products and services available to our industry.

Information is Available Online

Please go to www.alnga.org, American Public Gas Association www.apga.org or Southern Gas Association, www.southerngas.org

Additional Questions?

- Nikki Frost/Tammara McLin, Alabama Natural Gas Association, (256) 773-1891 or angamail@alnga.org
- Heather Romine, Athens Gas Department, (256) 232-1440 or hromine@athens-utilities.com

Natural Gas Fall Workshop

September 11-14, 2017

Leak City, Athens, AL

About this Training - Testing and Evaluations

Leak City offers hands on training opportunities. Several sessions held at Leak City will include testing and evaluation which can satisfy operator **RE-Qualification** requirements. This **RE-Qualification** will be recognized by the APGA Security and Integrity Foundation.

Program Outline

A major focus of this Fall Workshop will be on Operator Qualification covered tasks. Additionally, many of these sessions will be conducted at the "Leak City" facility where "hands-on" training will be the primary delivery method.

Corrosion (Basic) *This is a training course only--no OQ qualifications will be awarded for this class*

Monday – September 11, 2017 (8:00 am to 12:00 pm) Classroom at Leak City, Athens, AL

(1:00 pm to 4:30 pm) Hands-on / Leak City – Athens, AL

- What is Corrosion?
- Methods to Control Corrosion
- Corrosion Control Testing and Troubleshooting Equipment
- Troubleshooting Techniques
- Atmospheric Corrosion

Instructor: Southern Cathodic

Moderator: TBD

Leak Investigation (SIF OQ)

Monday – September 11, 2017 (8:00 am to 4:30 pm) Leak City – Athens, AL

Tuesday – September 12, 2017 (8:30 am to 4:30 pm) Leak City – Athens, AL

Thursday-September 14, 2017 (8:00 am to 4:30 pm) Leak City – Athens, AL

- Outside Gas Leak Investigation
- Inside Gas Leak Investigation
- Walking Gas Leak Survey

Instructor: Steve Carter – Athens Gas

Moderator: Mason Matthews – Athens Gas

Affiliate / Manufacturer Hands on Training: Mike Koby – Heath Consultants / George Reid – Lisco Inc / Brett Jones – Sensit Technologies / Job Beam, Jack Head, Dick Shaw - Equipment Controls

EWN Locating and Damage Prevention Program:

Monday – September 11, 2017 (8:00 am to 12:00 pm) Leak City – Athens, AL

The EWN Locating and Damage Prevention Program (LDPP) uses lectures and hands-on exercises to give participants the opportunity to interact and learn about Locating and Marking, Installing and Maintaining Pipeline Markers. It also includes Damage Prevention.

Topic Description:

- **Locate Underground Pipelines:** This topic will cover in detail the methods for locating underground pipelines utilizing maps, records, and locating equipment. It also includes placing temporary markers or markings.
- **Install and Maintain Pipeline Markers:** This topic will cover in detail how to determine the location, placement, and maintenance of permanent pipeline markers.
- **Damage Prevention:** This topic will cover damage prevention during excavation activities by or on behalf of the Operator. It will also cover damage prevention inspection during third-party excavation or encroachment activities as determined necessary by the Operator.

Upon successful completion of this class and performance evaluation, Operator Qualifications will be issued for Locating Underground Pipeline and Installing and Maintaining Pipeline Markers.

Instructor: Tim Kline, EWN

Moderator: Jack Cordry, Lone Star Consulting

Meter and Regulator Station Design

Monday – September 11, 2017 (8:00 am to 4:30 pm) Leak City – Athens, AL

- Basics of Measurements
- Rotary Meters
- Orifice Meters
- Regulator Fundamentals
- Diaphragm Meters
- Turbine Meters
- Ultrasonic Meters
- Regulator & Overpressure Protection Sizing

Instructor: Jack Hernig, MarieCo, Inc.

Natural Gas Fire Training

Monday – September 11, 2017 (8:00 am to 12:00 pm) Leak City – Athens, AL

- Identifying factors related to extinguishing fires fueled by natural gas
- Ways to prevent natural gas fires by eliminated ignition sources
- Various classifications of fire extinguishing agents and their intended use
- Hands on techniques used to extinguish natural gas fires

Instructor: Reggie Johnson, Training Resource Solutions, LLC

Bring your own Fire Extinguisher or \$25 refill charge will apply

Plastic Fusion

Monday – September 11, 2017 (1:00 pm to 4:30 pm) Leak City – Athens, AL

- Field evaluations and destructive testing will be performed. Certificates of Completion will be provided by the APSC to contractors performing work in the State of Alabama upon successful completion of this workshop. Personnel from other states are welcome to test, however they will not receive certificates.

Instructor: Randall Hand, Alabama Public Service Commission

Corrosion Control (Intermediate) (SIF OQ)

Tuesday – September 12, 2017 (8:30 am to 12:00pm) Classroom at Leak City, Athens, AL

(1:00 pm to 4:30 pm) Hands-on / Leak City – Athens, AL

- Visual Inspection for Atmospheric Corrosion
- Visual Inspection of Buried Pipe and Components When Exposed
- Visual Inspection of Installed Pipe and Components for Mechanical Damage
- Measure Structure - to - Electrolyte Potential
- Inspect Rectifier and Obtain Readings

Instructor: Southern Cathodic

Moderator: TBD

Leak Investigation (SIF OQ)

Tuesday – September 12, 2017 (8:30 am to 4:30 pm) Leak City – Athens, AL

- Outside Gas Leak Investigation
- Inside Gas Leak Investigation
- Walking Gas Leak Survey

Instructor: Steve Carter – Athens Gas

Moderator: Mason Matthews – Athens Gas

Affiliate / Manufacturer Hands on Training: Mike Koby – Heath Consultants / George Reid – Lisco Inc / Brett Jones – Sensit Technologies / Job Beam, Jack Head, Dick Shaw - Equipment Controls

Professional Development Workshop-

Tuesday – September 12, 2017 (8:30 am to 4:30 pm) Leak City – Athens, AL

AM-Generations in the Workplace PM-Workplace Management

After the presentation, the participants in this session will immediately be able to:

AM Session

- Working with one another, develop a strategy for bringing out the best of each generation in their organization.
- Examine attempts to resolve problems for fairness, to ensure generational prejudices are not creeping into the process.
- Help the generations to capitalize on their strengths and identify the characteristics of each generation.
- Identify the experiential gains and losses of the generations.

PM Session

- Recognize that organizations are composed of people.
- Examine the process of change.
- Apply the process to determine how to better facilitate change in the future.
- Identify natural reactions to transitions.
- Learn how to positively acknowledge the losses, fears and concerns.
- Treat the past with respect.
- Decode what really matters.
- Think in terms of "both and" instead of "either or" when devising solutions.
- Review other companies that have "gotten it right" and apply components of their design to an action plan.

Instructor: Sharon Lovoy

Service Tech I

Tuesday – September 12, 2017 (8:30 am to 4:30 pm) Leak City – Athens, AL

- Fundamentals of gas combustion
- Properties & characteristics of natural gas
- Carbon monoxide
- Fundamentals of Venting
- Types of vents A, B, BW, L, high temp plastic, PVC
- Installing new meter sets
- Testing house lines, setting service regulators, H-2 regulator installation
- Dress, speech, attitude, handling unsafe situations

Instructor: Jim Potter, SGA Distribution Technical Training Committee

Tapping and Stopping (SIF OQ/Training)

Tuesday – September 12, 2017 (8:30 am to 4:30 pm) Leak City – Athens, AL

- Tapping with a Built in Cutter Qualification including written & performance evaluations

Instructor: David Willoughby, Marshall County Gas District

- Tapping & Stopping Procedures Hands on training with manufacturers

Mueller Manufacturer Training

Moderator: Kevin Saucier, Riviera Utilities

T. D. Williamson Manufacturer Training

Moderator: David Willoughby, D & K Gas Services, LLC

Service Tech II

Wednesday – September 13, 2017 (8:30 am to 4:30 pm) Leak City – Athens, AL

- Chemistry for combustion, primary, secondary, & make-up air
- Gas burners, design & operation
- Venting problems, back draft, blocked, sizing, diverter placement, design problems, excess fittings, height, vertical & lateral runs
- Types of appliance controls and their functions
- Utilizing the NFPA 54 handbook
- Target audience: Service
- Tankless water heaters, including installation and maintenance
- Commercial cooking equipment, installation, repair, etc.
- Other topics to be determined by attendees

Instructor: Jim Potter, SGA Distribution Technical Training Committee

Gas Code Review (2-Day Class)

Wednesday – September 13, 2017 (8:30 am to 4:30 pm) Leak City – Athens, AL

(Continued from Wednesday)

Thursday – September 14, 2017 (8:00 am to 4:30 pm) Leak City – Athens, AL

This will be very helpful for those who will be taking both the Masters or Journeyman Gas Fitter Exam or for anyone who might just like a review on the following topics:

- *Combustion Air*
- *Proper Pipe Sizing*
- *Offsetting and Fitting Allowance*
- *Venting requirements*
- *Code Review*

****INTERNATIONAL FUEL GAS CODE 2015 EDITION required for this class. You may bring your own or we can provide one for you for an additional \$91. Please see the registration form to order your copy.***

Instructor: Phillip Till, Alabama Plumbers and Gas Fitters Board

Regulating Devices (SIF OQ)

Wednesday – September 13, 2017 (8:00 am to 4:30 pm) Leak City – Athens, AL

- Spring Loaded Pressure Regulating Devices – Inspection/Testing, Preventive/Corrective Maintenance
- Spring Loaded Pressure Limiting and Relief Device
- Pilot Operated Pressure Regulating Device
- Pilot Operated Pressure Limiting and Relief Device

Instructor: Mark Fowler - SEAGD / Moderator: TBD

Regulator (Large-Trailer)

- Pilot-Loaded
- Relief Devices

Affiliate / Manufacturer Hands On Training: Jack Hernig - MarieCo

Safety Roundtable

Wednesday – September 13, 2017 (8:00 am to 4:30 pm) Leak City Classroom & Field Demos at Leak City (pm)

Topics TBD

Moderators: Kevin Saucier, Riviera Utilities & Bobby Purvis Riviera Utilites

Repair of Steel and Plastic Pipe (EWN)

Wednesday – September 13, 2017 (8:00 am to 12:00 pm) Classroom / (1:00 pm to 4:30 pm) Hands-on / Leak City – Athens, AL

The EWN Repair of Steel and Plastic Pipe uses lectures and hands-on exercises to give participants the opportunity to interact and learn about repairing steel and plastic pipe using fusion and mechanical clamps.

Topic Description:

- Install Mechanical Clamps and Sleeves-Bolted: This topic will cover in detail how to prepare, install, and inspect bolted mechanical clamps and sleeves.
- Joining of Plastic Pipe: Electrofusion: This topic will cover in detail how to assemble and join plastic pipe by electrofusion and inspection of completed joints. It will also touch on other methods of joining of plastic pipe for repair such as:
 - Socket Heat Fusion
 - Sidewall Heat
 - Butt Heat Fusion: **Hydraulic Machine**
 - Butt Heat Fusion: **Manual**
 - Socket Heat Fusion

Upon successful completion of this class and performance evaluation, Operator Qualifications will be issued for Installing Mechanical Clamps and Sleeves-Bolted and Joining of Plastic Pipe-Electrofusion.

Instructor: Tim Kline, EWN

Moderator: Jack Cordry, Lone Star Consulting

Affiliate / Manufacturer Hands On Training: Consolidated Pipe and M. T. Deason

Gas Code Review (Continued from Wednesday)

Thursday – September 14, 2017 (8:00 am to 4:30 pm) Leak City – Athens, AL

Leak Investigation (SIF OQ)

Thursday-September 14, 2017 (8:00 am to 4:30 pm) Leak City – Athens, AL

Odorization (SIF OQ)

Thursday-September 14, 2017 (8:00 am to 4:30 pm) Leak City – Athens, AL

- Periodic Sampling
- Odorizer Inspection, Testing, Preventive and Corrective Maintenance

Instructor: John Grubb - GPM Equipment Sales Odorization

Moderator: David Willoughby – D & K Gas Services LLC

Affiliate / Manufacturer Hands on Training: John Grubb - GPM Equipment Sales Odorization

Operations and Regulatory Compliance Roundtable (SIF Training)

Thursday-September 14, 2017 (8:00 am to 3:00 pm) Leak City, Athens, AL

- Topics TBD

John Erickson – American Public Gas Association (202) 464-0834

Gerry Lee –American Public Gas Association (417) 766-2818

Valves Operation & Maintenance (SIF OQ)

Thursday-September 14, 2017 (8:00 am to 4:30 pm) Leak City – Athens, AL

- Manually Opening and Closing Valves
- Valve - Visual Inspection and Partial Operation
- Valve - Preventive Maintenance

Instructor: Mark Fowler, Southeast Alabama Gas District

Moderator: TBD

Affiliate / Manufacturer Hands On Training: TBD

Natural Gas Fall Workshop

September 11-14, 2017

Name _____ Title _____

Company _____

Mailing Address _____ City/State/ZIP _____

Phone _____ Fax _____ E-mail _____

Registration Fees

Full Technical Workshop Attendance includes 4 days' attendees' choice of OQ Sessions:

<input type="checkbox"/> Full Workshop attendance (includes 4 days' attendees' choice of sessions)	\$380
<input type="checkbox"/> Two Day Workshop	\$330
<input type="checkbox"/> One Day Workshop	\$180

Monday, September 11, 2017 (8:00 am – 4:30 pm)

<input type="checkbox"/> Corrosion Control (Basic) Leak Investigation (SIF OQ)	
<input type="checkbox"/> Locating & Damage Prevention (SIF OQ)	
<input type="checkbox"/> Meter and Regulator Station Design	
<input type="checkbox"/> Natural Gas Fire Training (8:00 pm - 12:00 pm) *Bring your own Fire Extinguisher or \$25 refill charge will apply*	
<input type="checkbox"/> **Fire Extinguisher Refill Charge \$25	
<input type="checkbox"/> Plastic Fusion	\$35
(1:00 pm - 4:30 pm)	
<i>No Charge for registered attendees. \$35 fee applies if this is the only class you register for and includes lunch.</i>	

Tuesday, September 12, 2017 (8:30 am – 4:30 pm)

<input type="checkbox"/> Corrosion Control (Intermediate) (SIF OQ)	
<input type="checkbox"/> Leak Investigation (SIF OQ) (Same Agenda as Monday)	
<input type="checkbox"/> Professional Development Workshop: Sharon Lovoy	
<input type="checkbox"/> Service Tech 1 (Tuesday & Wednesday Class)	
<input type="checkbox"/> Tapping and Stopping (SIF OQ/Training)	
Please choose from the following:	
<input type="checkbox"/> Mueller Manufacturer Training	
<input type="checkbox"/> T.D. Williamson Manufacturer Training	
<input type="checkbox"/> Reception with Exhibitors	
(4:30-6:00 pm)	

Wednesday, September 13, 2017 (8:00 am – 4:30 pm)

<input type="checkbox"/> Gas Code Review	
(2015 IFGC Book required! You may bring your own or we can provide one for you for an additional \$91.	
<input type="checkbox"/> **2015 IFGC Book Charge \$91	
<input type="checkbox"/> Regulating Devices (SIF OQ)	
<input type="checkbox"/> Safety Round Table	
<input type="checkbox"/> Service Tech 2	
<input type="checkbox"/> Repair of Steel and Plastic Pipe (EWN)	
<input type="checkbox"/> Cookout	
(6:00-8:00 pm)	

Thursday, September 14, 2017 (8:00 am – 4:30 pm)

<input type="checkbox"/> Gas Code Review-Continued from Wednesday	
<input type="checkbox"/> Leak Investigation (SIF OQ)	
<input type="checkbox"/> Odorization (SIF OQ)	
<input type="checkbox"/> Operations and Regulatory Compliance Roundtable	
<input type="checkbox"/> Valves Operation & Maintenance (SIF OQ)	

Exhibitors

<input type="checkbox"/> Exhibitor (includes two people)	\$350
<input type="checkbox"/> Additional Booth Personnel	\$150

Please add 2nd Exhibitor info below (additional booth personnel complete registration form):

Name _____ Title _____

Company _____

Mailing Address _____ City/State/ZIP _____

Phone _____ Fax _____ E-mail _____

List Round Table Discussion Items:

Safety Round Table:

Operations and Regulatory Compliance Round Table:

TOTAL DUE \$ _____

Check enclosed

Please invoice

Credit card:

American Express

MasterCard

Visa

Card # _____ Exp. Date _____

Name on Card _____

Return to: Nikki Frost ♦ Alabama Natural Gas Association ♦ PO Box 1244 ♦ Hartselle, AL 35640
Phone: 256.773.1891 ♦ Fax: 256.280.4035 ♦ e-mail: nikki.frost@magnolia-river.com

Cancellation Policy:

- 100% refund – cancellation received before August 28, 2017
 - 25% refund – cancellation received between August 29-September 4, 2017
 - No refund – cancellations received beginning September 5, 2017
- **Substitutions may be made*