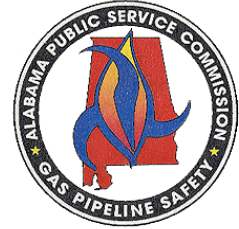


# Natural Gas Fall Workshop 2018



Alabama Natural Gas Association



September 10-13, 2018  
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



Registration fee for the Full Workshop is \$400, Two Day is \$340 and One Day registration fee is \$190. 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 – 8/25/2018, Please Reference: ANGA-2018
- 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 \$160. 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 10, 2018.

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](mailto: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](http://www.alnga.org), American Public Gas Association [www.apga.org](http://www.apga.org) or Southern Gas Association, [www.southerngas.org](http://www.southerngas.org)

### **Additional Questions?**

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

# Natural Gas Fall Workshop

September 10-13, 2018

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 10, 2018 (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 10, 2018 (8:00 am to 4:30 pm) Leak City – Athens, AL*

*Tuesday – September 11, 2018 (8:30 am to 4:30 pm) Leak City – Athens, AL*

*Thursday-September 13, 2018 (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 / Jon Beam, Jack Head, Dick Shaw - Equipment Controls*

### **EWN Locating and Damage Prevention Program:**

*Monday – September 10, 2018 (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 10, 2018 (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 10, 2018 (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 10, 2018 (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 11, 2018 (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 11, 2018 (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 / Jon Beam, Jack Head, Dick Shaw - Equipment Controls*

## **Professional Development Workshop-**

*Tuesday – September 11, 2018 (8:30 am to 4:30 pm) Leak City – Athens, AL*

### **Customer Service Workshop**

Workshop Objectives:

- State what customer service means in relation to all your customers, both internal and external
- Recognize how your attitude affects customer service
- Identify your customers' needs
- Use outstanding customer service to generate return business
- Build good will through in-person customer service
- Provide outstanding customer service over the phone
- Connect with customers through online tools
- Deal with difficult customers

*Instructor: Jim Rowell, President, HRD Associates Inc.*

## **Service Tech I**

*Tuesday – September 11, 2018 (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 11, 2018 (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, D & K Gas Services, LLC*

- 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 12, 2018 (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 12, 2018 (8:30 am to 4:30 pm) Leak City – Athens, AL  
(Continued from Wednesday)

Thursday – September 14, 2018 (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
- Offsetting and Fitting Allowance
- Venting requirements
- Proper Pipe Sizing
- 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 12, 2018 (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 12, 2018 (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 Utilities

## **Repair of Steel and Plastic Pipe (EWN)**

Wednesday – September 12, 2018 (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 13, 2018 (8:00 am to 4:30 pm) Leak City – Athens, AL*

## **Leak Investigation (SIF OQ)**

*Thursday-September 13, 2018 (8:00 am to 4:30 pm) Leak City – Athens, AL*

## **Odorization (SIF OQ)**

*Thursday-September 13, 2018 (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 13, 2018 (8:00 am to 3:00 pm) Leak City, Athens, AL*

- Topics TBD
- Erin Kurilla – American Public Gas Association (202) 905-2904*  
*Gerry Lee –American Public Gas Association (417) 766-2818*

## **Valves Operation & Maintenance (SIF OQ)**

*Thursday-September 13, 2018 (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*

*Affiliate / Manufacturer Hands On Training: TBD*

# Natural Gas Fall Workshop

September 10-13, 2018

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)	\$400
<input type="checkbox"/> Two Day Workshop	\$340
<input type="checkbox"/> One Day Workshop	\$190

### Monday, September 10, 2018 (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) <b>*Bring your own Fire Extinguisher or \$25 refill charge will apply*</b>	
<input type="checkbox"/> <b>**Fire Extinguisher Refill Charge \$25</b>	
<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 11, 2018 (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: Jim Rowel, HRD Associates, Inc.	
<input type="checkbox"/> Service Tech 1 (Tuesday & Wednesday Class)	
<input type="checkbox"/> Tapping and Stopping (SIF OQ/Training)	
<b>Please choose from the following:</b>	
<input type="checkbox"/> <b>Mueller Manufacturer Training</b>	
<input type="checkbox"/> <b>T.D. Williamson Manufacturer Training</b>	
<input type="checkbox"/> Reception with Exhibitors	
(4:30-6:00 pm)	

### Wednesday, September 12, 2018 (8:00 am – 4:30 pm)

<input type="checkbox"/> Gas Code Review	
<b>(2015 IFGC Book required! You may bring your own or we can provide one for you for an additional \$91.</b>	
<input type="checkbox"/> <b>**2015 IFGC Book Charge \$91</b>	
<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 13, 2018 (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	\$160

Please add 2<sup>nd</sup> 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](mailto:nikki.frost@magnolia-river.com)

**Cancellation Policy:**

- 100% refund – cancellation received before August 24, 2018
  - 25% refund – cancellation received between August 28-September 2, 2018
  - No refund – cancellations received beginning September 3, 2018
- \*\*Substitutions may be made