Part 6 Class- Leak Survey/Leak Investigation

Training- 2 Day Session………………………………………….(Hands-On- 6 Hours)……16 Hours
Testing (48 Hours after Training)- 1 Day Session…………………………………………………..6 Hours

NOTE: Failed Hands-On Evaluations will be charged a retesting fee, and must be done by a NGA evaluator (Minimum time is 48 Hours after a failed evaluation)

Classroom Training:
• Class Overview
• Safety/PPE

Covers Tasks:
• 18A-Conducting Gas Leakage Surveys (Mobile and Walking)
• 19- Patrolling and Inspecting Pipelines
• 20A- Investigating Leak and Odor Complaints
• 20D- Leak Classification
• 41/41- Inspecting/Operating/Lubricating Distribution Line Valves
• National Fuel Procedure Manual Sections Referring to Material Listed Above.

Hands-On Training:
• Leakage Surveys
• F.I. Unit Operation (Including how to fill up unit)
• Leak Reports (Writing and Classifying)
• Leak Pinpointing

Testing:
• NGA-WE-18A Conducting Gas Leakage Surveys (Mobile and Walking Surveys)
• NGA-WE-19- Patrolling and Inspecting Pipelines
• NGA-WE-20A-Investigating Leak Odor Complaints (Inside and Outside)
• NGA-WE-20D-Leak Classification
• NGA-WE-41/41- Inspecting/Operating/Lubricating Distribution Line Valves
• NFG-WE-800-Part 6 Operating and Maintenance Procedures
• HANDS-ON- NGA-18.1- Leak Survey
Below is the Covered Tasks Listing the Domains and Elements that will be covered during Training Class.

TASK #18: Conducting Gas Leakage Surveys

1. Mobile Surveys
   a. Knowledge of equipment and resources used in mobile surveys
   b. Knowledge of factors and conditions affecting accuracy of mobile survey results
   c. Knowledge of appropriate responses to situations hindering mobile surveys

2. Walking Surveys
   a. Knowledge of transmission and main survey practices
   b. Knowledge of service survey practices
   c. Knowledge of business district survey practices
   d. Demonstrate procedure for performing a walking survey

TASK #19: Patrolling and Inspecting Pipelines

1. Pipeline Right-of-Way Inspections
   a. Knowledge of right-of-way surface conditions indicating a potential leak

2. Pipeline Markers
   a. Knowledge of pipeline marker installation practices
   b. Knowledge of maintenance practices for pipeline markers
   c. Knowledge of specifications for pipeline marker signs

3. Exposed / Above Ground Mains
   a. Knowledge of facility inspection requirements
TASK #20: Investigating Leak/Odor Complaints

1. Fundamentals of Leak Investigation
   a. Knowledge of equipment used in investigating leak or odor complaints
   b. Knowledge of alternate ways of detecting leaks
   c. Knowledge of other sources of odor complaints

2. Outside Leak and Odor Complaints
   a. Knowledge of pinpointing procedure
   b. Knowledge of leak migration

3. Inside Leak and Odor Complaints
   a. Knowledge of inside leak detection methods
   b. Knowledge of evacuation and ventilation procedures

4. Documentation
   a. Knowledge of documentation requirements for leak or odor investigations