



### Part 3 Class- Relights

**NY**

**Training-** 4 Day Session..... (Hands-On 12 Hours) 32 Hours

**Testing** (48 Hours after Training)- 1 Day Session..... 8 Hours

**PA**

**Training-** 4 Day Session..... (Hands-On 12 Hours) 32 Hours

**Testing** (12 Hours after Training)- 1 Day Session..... 8 Hours

**NOTE:** NY will qualify in the **NFG HYB** series and PA will qualify in the **NFGPA** series. NFG Trainer will discuss the specifics/differences of each series during class.

**Classroom Training:**

- Class Overview
- Safety/PPE

**Covers Tasks:**

- 41/42- Inspecting/Lubricating/Repairing and Operating Distribution Valves
- 72A- Installing and Turning Off Residential, Small Commercial, Large Commercial and Industrial Meters and Regulators
- NFG-63B- Install and Test 2” Overpressure Protection – Non MRC Tech (**NFG Only**)
- NFG- Relight
- National Fuel Procedure Manual Sections Referring to Material Listed Above.

**Hands-On Training:**

- Relighting Customer Appliances
- CO Investigation
- Regulator Maintenance/Adjustments
- Valves
- Houeline Testing/Purging
- Receipt of Advices

**Testing:**

- Written Test (WE)- 41/42-Inspecting/Lubricating/Repairing and Operating Distribution Valves
- WE-72A- Installing and Turning Off Residential, Small Commercial, Large Commercial and Industrial Meters and Regulators
- WE-63B- Install and Test 2” Overpressure Protection – Non MRC Tech (**NFG Only**)
- WE-Relight
- WE-Task 803 – Part 3 – Operating & Maintenance Procedures
- Performance Evaluation (PE)- Relight
- PE - 63B- Install and Test 2” Overpressure Protection – Non MRC Tech (**NFG Only**)



**Below is the Covered Tasks Listing the Domains and Elements that will be covered during Training Class**

**COVERED TASK #41/42: Inspecting/Lubricating/Repairing and Operating Distribution Valves**

1. Valve Inspection
  - a. Knowledge of valve location and accessibility
  - b. Knowledge of valve type and specifications
  - c. Know when and how to check for the presence of gas
  - d. Knowledge of valve box installation and maintenance
  - e. Know how to evaluate the physical condition of a valve
2. Valve Operation
  - a. Knowledge of number of valve turns
  - b. Knowledge of valve position prior to operating
  - c. Knowledge of valve functions
3. Valve Lubrication and Repair
  - a. Knowledge of the valve lubrication and repair process
4. Abnormal Operating Conditions
  - a. Know how to identify and respond to a difficult to operate or inoperable valve
  - b. Know how to respond to the presence of gas at a valve
  - c. Know how to respond to a valve leak through
  - d. Know how to respond to an inaccessible valve
  - e. Know how to respond when a valve has no markings

**COVERED TASK #72A: Installing and Turning Off Residential, Small Commercial, Large Commercial and Industrial Meters and Regulators**

1. Meter Transportation
  - a. Know how to transport a meter
2. Residential and Small Commercial Diaphragm Meters
  - a. Knowledge of a meter's components and purpose
  - b. Knowledge of how residential and small commercial meters operate
  - c. Know how to install a residential or small commercial meter



3. Large Commercial and Industrial Meters
  - a. Knowledge of types of large commercial/industrial meters
  - b. Knowledge of how large commercial/industrial meters operate
  - c. Know how to install a large commercial or industrial meter
4. Regulators
  - a. Knowledge of types of regulators and their components
  - b. Know how to install a regulator
  - c. Know how to select a regulator
  - d. Know how to adjust regulator pressure
5. Valves
  - a. Know how to identify a riser valve
  - b. Know how to identify the operating position of a valve
  - c. Know how to prevent riser valve tampering
6. Meter Purging
  - a. Knowledge of basic meter purging procedures
7. Abnormal Operating Conditions Related to Meters and Regulators
  - a. Know how to respond to a valve malfunction
  - b. Know how to respond to a meter documentation discrepancy
  - c. Know how to respond to other abnormal operating conditions (e.g., no odorant smell, stray current and improper grounding to meter assembly)

### **COVERED TASK NFG #63B: Install and Test Overpressure Protection**

1. Overpressure Protection Devices and .Knowledge of the various types of overpressure protection devices, uses and installation and knowledge of the process to test relief valves.
2. Abnormal Operating Conditions and knowledge of how to identify and respond to a relief valve that has been triggered.

### **COVERED TASK NFG Relight: Relighting appliances in connection with gas facilities**

1. Appliance Pilot/Electrical System
  - a. Know how to perform safety checks and operate a pilot device.
  - b. Know how the process of electronic ignition systems work
  - c. Know how to perform a proper shutdown and relight
  - d. Knowledge of documentation requirements



2. Houseline Piping
  - a. Know how to perform pressure test on houseline
  - b. Know how to identify and repair a leak on a houseline
  - c. Know how to properly purge houseline
  - d. Know how to identify unsafe houseline piping
  - e. Knowledge of documentation requirements
  
3. Abnormal Operating Conditions
  - a. Know how to identify and respond to unsafe conditions
  - b. Know how to identify abnormal flame characteristics
  - c. Know how to identify unsafe gas appliances