

Natural Gas Distribution Maintenance

Three Day or Four Day Up-to-Date Intensive Workshop

Introduction and Overview

- Attendees Introduction
- Objectives and Contents of Course
- Usage of Natural Gas

General Safety Practices

- Safety Equipment
- OSHA Regulations and guidelines
- State Code Requirements
- API Requirements

Physical Properties of Natural Gas

- Origin
- Processing and Ingredients
- Heating Value and Specific Gravity
- Glossary of Terms
- Pressure Ratings

Materials of Construction

- Type of Construction
- Methods of Joining Gas Piping
- Design of Distribution Systems
- Design of Interior Piping Systems

Corrosion

- Definitions
- Types of Corrosion
- Methods of Protection

Maintenance

- Preventive Maintenance Program
- Gas Leak Detection
- Gas Pressure Regulators
 - Operation
 - Maintenance
 - Repair

A written TEST will be provided before and after the presentation. A certificate will be furnished on the completion of the class.

Hands-on Session - Fusion methods of both "butt" and "saddle" will be completed.* Also, a field trip to inspect the various facilities would be completed. Also a field trip to inspect and leak test the various facilities will be completed.

