



INCREASE YOUR
INDUSTRY AND
PRODUCT KNOWLEDGE

COMBUSTION AND FLAME SAFETY TRAINING

Course Overview

Course number: FSG-0001

Cost: \$200.00 per student

Duration: 1 Day

Dates: November 7, 2018

Location: 9532 Midwest Ave, Cleveland OH

This course provides participants the ability to perform the following Combustion System tasks:

- Wire new RM7800 Series Honeywell Flame Safety relay.
- Troubleshoot and Diagnose Flame Safety Circuit
- Identify key components on Gas Train

The course includes hands-on lab exercises where students will wire and test a complete flame safety circuit.

The course is divided into two sections. The first 4 hours will be dedicated to teaching the students about the fundamentals of combustions, flame safety, and key components which make up the gas delivery system. The second part of the day the students will participate in lab type exercises.

Course Delivery Options

- 1 Day Class at Loy Instrument Training Facility
- On-Site Training can be quoted as option and tailored to meet your specific needs



Perequisite/Skill Requirements

Prerequisite Course(s)

- None

Course Topics

You will learn how to....

- Combustion Principles
- Gas Delivery Systems (Gas Train)
- Gas Delivery System Basic Codes (NFPA)
- Regulator Types and Functionality
- Flame Safety Basics
 - Flame Sensor (Flame Rods, UV, IR)
 - Amplifiers
 - Primary and Programmer Relays
 - Pre-Ignition Interlocks
 - Running Interlocks
 - Limits
- Wiring Flame Safety Circuits
- Troubleshooting Flame Safety Circuits

Additional Training

To increase your knowledge and skills, there are additional courses available from Loy Instrument, Inc. which include the following:

- Burner Tuning
- Process Control Fundamentals
- HC900 Modular Systems

For more information and to register please email or call

Robert Morway at:

1-216-581-5448

www.rmorway@loy-instrument.com

Cleveland Office

Phone: (216) 581-5448

cleveland@loy-instrument.com

Indianapolis Office

Phone: (317) 890-0474

indianapolis@loy-instrument.com

Fort Wayne Office

Phone: (260) 471-2171

fortwayne@loy-instrument.com