

# **FIXED GAS DETECTION ADVANCED CONFIGURATION AND TROUBLESHOOTING**

## **| Honeywell PMC Academy**

### **COURSE OVERVIEW**

This Advanced Technician Training Program is level 3 specifically designed for experienced technicians who already possess knowledge of fixed gas detection systems, including their basic operation and maintenance. The program emphasizes hands-on training, allowing technicians to enhance their practical skills.

The course is segmented into distinct classes focusing on Installation, commissioning, and Troubleshooting. Its primary objective is to empower experienced technicians to proficiently execute advanced service tasks, including detailed configuration and troubleshooting of fixed gas detection systems.

Main topics covered are following

- Proper installation procedures for the devices.
- Techniques for conducting advanced configurations.
- Strategies for performing advanced-level troubleshooting.
- Analysis and interpretation of fault codes.

### **COURSE DURATION**

- Self-Paced Learning
- 2 Days Face-to-face

### **PREREQUISITE COURSES**

Level 2- Operation and maintenance course

### **TARGET AUDIENCE**

The course targets a Service Technician and Maintenance Engineer, and the personas who need to understand device operation and Advanced configuration.

### **COURSE DELIVERY OPTIONS**

Instructor Led Training

### **HANDS ON TRAINING**

Participants will engage in practical exercises, including device configuration and troubleshooting.

### **PRODUCT COVERED (USER SELECTABLE)**

- Sensepoint / 705 HT / MPD Sensor
- Sensepoint XCL, XRL, XCD
- Series 3000
- XNX Universal Transmitter
- Raeguard II PID
- Optima Plus
- OELD
- OmniPoint
- Searchline Excel / Excel 2.0
- FSL 100 / FS20X / FS24X Plus
- TPPL
- TPPR
- Unipoint Controller

### **KEY LEARNING OBJECTIVES**

Participants will learn to:

- Master the proper installation techniques for Honeywell fixed gas detection systems.
- Understand and apply advanced configuration methods to enhance device functionality.
- Develop the ability to analyze and interpret fault codes effectively.
- Acquire advanced troubleshooting skills to diagnose and resolve complex issues autonomously.

### **EVALUATION**

Participants will be assessed through quizzes, practical assessments, and a final exam, leading to a training certificate upon completion.

**For more information**  
[automation.honeywell.com](https://automation.honeywell.com)

**Honeywell Process Measurement  
and Control**

2101 CityWest Blvd  
Houston, TX 77042  
[www.honeywell.com](https://www.honeywell.com)

Fixed Adv Conf and Troubleshooting | Rev 01 | 09/25  
©2025 Honeywell International Inc.

