FIXED GAS DETECTION OPERATION AND MAINTENANCE

Honeywell PMC Academy

COURSE OVERVIEW

This course is a Level 2 Technician Training Program and meticulously structured for experienced Technicians with prior knowledge of fixed gas detection systems and the individuals who are assigned with critical service operations, including calibration, basic maintenance of Honeywell Fixed gas detection systems. Additionally, this course proves invaluable for team members interested in understanding the core principles of gas detection. As such, it serves as an excellent resource for both new employees and safety supervisors seeking to enhance their knowledge in this area.

Main topics covered are following

- Fundamentals of gas detection
- Gas sensor technologies (Types, working Principles)
- Calibration techniques
- Basic device operation and setup
- Basic maintenance & sensor replacement
- Configuration

COURSE DUERATION

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

TARGET AUDIENCE

The course targets Service Technician and Maintenance Engineer as well as the personas need to understand device operation and basic maintenance.

COURSE DELIVERY OPTIONS

Instructor Led Training

HANDS ON TRAINING

Participants will engage in practical exercises, including device operation to enhance familiarity with the features.

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:

- Essentials of safe and effective operation of Honeywell Fixed gas detection devices.
- Basic principles and significance of gas detection in maintaining safety.
- Familiarity with different types of gases and their detection.
- Step-by-step instructions on powering the device on/off
- Procedure for conducting fresh air calibration if required.
- Techniques for taking accurate gas measurements.
- Importance of safety measures and precautions to prevent false readings.
- Emergency protocols to follow in case of alarms.

EVALUATION

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

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For more information
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