

RAE GAS DETECTOR SERVICE TECHNICIAN TRAINING

| Honeywell PMC Academy

COURSE OVERVIEW

This 2 Days course is meticulously structured for individuals tasked with critical service operations, including calibration, maintenance, component replacement, and troubleshooting of RAE gas detection systems.

The course focuses on Honeywell RAE Portfolio, all portable gas detector software and hardware capabilities, their operations and available updates. The course gives a complete device overview and introduces the student to maintenance and troubleshoot

Main Topics Covered:

- Fundamentals & Advanced Concept in Gas & Gas Detection
- Gas Sensor Technologies (Types, working Principles)
- Device Operation Basics and Setup Basics
- Bump and Calibration Techniques
- Service and Maintenance of Gas Detector (Honeywell rae Portfolio)
- Configuration (IR Kit/MobileApp)

PREREQUISITE COURSES

None, Related Software (Safety Suite) preinstalled

TARGET AUDIENCE

The course targets Service Technician and personas needing to understand device operation and Advanced Maintenance.

COURSE DELIVERY OPTIONS

Instructor-Led Training.

HANDS ON TRAINING

Participants will engage in practical exercises, including device operation and component disassembly.

PRODUCT COVERED

- ToxiRAE Pro
- MicroRAE
- QRAE 3
- MultiRAE
- MultiRAE LITE
- MultiRAE Pro
- MultiRAE Lite+
- MiniRAE 3000+
- UltraRAE 3000+
- AreaRAE Plus
- AreaRAE Pro
- Safety Suite software for Device configuration

KEY LEARNING OBJECTIVES

Participants will learn to:

- Understand the fundamentals and advanced concepts of gas detection, including various gas sensor technologies and their working principles.
- Gain practical skills in the operation, setup, and configuration of Honeywell RAE portable gas detection systems.
- Master bump testing and calibration techniques to ensure effective and reliable gas detection.
- Develop comprehensive service and maintenance skills specifically tailored to the Honeywell RAE Portfolio of gas detectors.
- Enhance troubleshooting abilities to address common issues related to gas detection equipment effectively.

EVALUATION

Quiz, Practical assessment shall be conducted, successful completion leads to training certificate.

For more information
automation.honeywell.com

**Honeywell Process Measurement
and Control**

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