

Process Analyzers

OXYMAT 6 Service & Repair

General Information

Course Code: PIA-PACONAC3

Length: 1 Day

Audience

This hardware course is intended for individuals responsible for the maintenance and operation of Siemens Oxymat 6 Continuous Gas Analyzer.

Profile

0.7 CEUs (Continuing Education Credits)

In this course students will setup, calibrate and perform basic maintenance functions on the Siemens Oxymat 6 Paramagnetic Continuous Gas Analyzer.

This course can be taught at the customer's site and customized to meet the customer's needs. With advance notice, customer specific applications can be taught.

Objectives

Upon completion of this course, the student shall be able to:

- Calibrate the Oxymat 6 analyzer using zero and span gasses.
- Replace the primary modules in Oxymat 6
- Set parameters in the 6 series analyzers thru the HMI.
- Clean the detector cells

Topics

1. Principle of OXYMAT Operation
 - a. Electronic Board Identification
 - b. Analyzer Bench Identification
 - c. Paramagnetic Oxygen
2. OXYMAT Maintenance
 - a. Calibration
 - b. Cell Cleaning
 - c. Bench Disassembly
 - d. Panel Operation
 - e. Software
3. Labs
 - a. Calibration
 - b. Hardware Assembly
 - c. Hardware Disassembly
 - d. Software and Communications
 - e. Familiarization and Identification of Hardware and Parts