

## Process Analyzers

# NOXMAT 6 Service & Repair

### General Information

Course Code: PIA-PACONAC5

Length: 1 Day

### Audience

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

### Profile

0.7 CEUs (Continuing Education Credits)

This course covers maintenance and calibration of the Siemens Noxmat 6 Paramagnetic Continuous Gas Analyzer hardware and software.

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 Noxmat 6 analyzer using zero and span gasses.
- Replace the primary modules in Noxmat 6
- Set parameters in the Noxmat 6 analyzers thru the HMI.

### Topics

1. Principle of NOXMAT Operation
  - a. Electronic Board Identification
  - b. Analyzer Bench Identification
  - c. Infrared Analysis
2. Noxmat Maintenance
  - a. Calibration
  - b. Cell Cleaning
  - c. Condensate Trap
  - d. Bench Disassembly
  - e. Panel Operation
  - f. Software
3. Labs
  - a. Calibration
  - b. Hardware Assembly
  - c. Hardware Disassembly
  - d. Software and Communications
  - e. Familiarization and Identification of Hardware and Parts