

Operation and Maintenance of process gas chromatograph Optichrome Advance

Course: GC03

Length: 2 - 5 days

Objective:

The participants will learn the detailed of the functions of Optichrom Advance GCs by means of presentations, demonstrations and many practical exercises and examples. The APC Net-Software tool will be used for specific diagnoses.

Contents:

- The functional principles of a process gas chromatograph.
- Introduction to process gas chromatography.
- The components and structure APC Software used in the system.
- System structure and the interaction between the individual components.
- Practical exercises (exchange of spare and wear parts, calibration of the measurement components).
- Simulation of errors, recognizing and eliminating the causes.
- Chromatogram recording.
- Discussion of the applications.
- Analog and digital data production.
- The correct use and installation of spare parts.

Targets:

The participants should be able to recognize, interpret and eliminate errors in order to be able to restore error-free functioning.

Target group:

Operating and maintenance staff.

Requirements:

Knowledge of process gas analysis and the ability to use Windows.