

## Operation and Maintenance of process gas chromatograph Vista 2000

**Course:** GC02

**Length:** 2 - 5 days

**Objective:**

The participants will learn the basics of the functions of Vista 2000 GCs by means of presentations, demonstrations and many practical exercises and examples. The Vista 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 Vista Net 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.