

Totalflow Upstream Oil & Gas Solutions Gas Chromatograph – Internet Course (EN)



Course goal

The course goal is to teach students how to install and operate ABB Totalflow NGC/PGC1000 chromatographs.

Participant profile

A typical student for this course is responsible for operation, installation, and maintenance of the chromatograph.

Learning objectives

Upon completion of this course, the participants will be able to:

- Hardware installation.
- Install and leak check sample tubing.
- Identify hardware components.
- Use PCCU32 software for start up, maintenance, and calibration.
- Set up various methods of local communication.
- Manage flash and configuration files, 32-Bit Loader, and Save and Restore functions.
- Perform manual peak find and troubleshooting.
- Perform historical collection.

Course type and methods

This is a web-based training course. The course includes self-study material and self-assessment questions. The language of the course is English.

Topics

- Equipment installation and set up
- Analysis set up and peak find
- Collecting and saving data
- Save and Restore
- Flash using the 32-Bit Loader
- Reporting
- Calibration
- Ethernet connectivity
- Local communication
- Therms communication

Duration

The duration is 1.5 hours, depending on personal knowledge.

Prerequisites

Students attending this course should have basic knowledge of gas analysis and proficient computer skills.

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