ABB

Continuous Gas Analyzers (CGA I)

Analytical Measurement

Z217e – Web-based training (External version)

Course duration
1.0 hour, depending on personnel knowledge

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

Course goal
The goal of this course is designed to give a complete understanding of Continuous Gas Analysis.

The training covers the following topics:
- Technical principles
- Product portfolio & technology
- Applications

Student profile
All ABB stakeholders (customers, universities, partners, …)

Course objectives
Upon completion of this course, students will be able to:
- Tell, why industrial processes need continuous measurements
- Understand the need for process gas measurements
- Differentiate between the methods of process gas measurements
- Describe the benefits of an extractive process gas analysis
- Outline what is necessary for a complete extractive measurement
- Explain the product portfolio of ABB´s continuous gas analyzers
- Describe the modular system design of Advance Optima series
- Outline the benefits of the EasyLine series
- Explain the basic differences between the analyzer product lines
- Describe two standard systems ACX and ACF-NT and their functionality
- Name the main industrial sectors where ABB sells CGA analyzers
- Identify the measuring points in the major applications
- Select the right analyzer modules for major applications