

Endura Combustion Gas Analyzers

Analytical Measurement

Z229e – 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 to introduce the product basics of Endura Combustion Gas Analyzers.

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:

- Describe the basic combustion theory
- Answer why oxygen measurement is critical to the combustion process
- Recall the combustion terminology
- State the basic zirconia oxygen sensor theory
- Explain the ABB combustion gas analysis portfolio
- Select the correct variant to suit the application
- Explain the difference between the probe types
- Describe the main applications of the Endura AZ Combustion Gas Analyzers
- Explain how it is used in these applications
- Define and demonstrate the improvements in performance that can be achieved by using the Endura AZ Combustion Gas Analyzers