

Electromagnetic Flowmeters

Flow Measurement

Z216e – 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 the entire ABB Magnetic Flowmeter product portfolio and their application across the Water/Waste Water and Process industry markets.

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:

- Explain the principle of Electromagnetic induction
- Explain how the flow of the conductive fluids is measured using this principle
- Identify the benefits of the Electromagnetic Flow metering technique
- Position ABB Electromagnetic flowmeters
- Summarize messages, markets and main characteristics of the product lines
- Select depending on the application the product line that fits best
- Identify which industries use Electromagnetic flowmeters
- Describe common applications for Electromagnetic flowmeters
- Identify applications of Electromagnetic flowmeters in the field where ABB have success stories