ControlMaster
Recorders & Controllers
Z213e – Web-based training (External version)

Course duration
1.5 hours, 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 ControlMaster.

The training covers the following topics:
- Basic principles
- Advanced 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 where PID control is used
- Explain signal inputs and outputs
- Recognize PID terms
- Describe basic PID function
- Distinguish where alarms, split output, remote setpoint, autotune, communications and templates are used
- Explain time proportioning control
- Identify motorized valve control
- Recognize cascade, feed forward and ratio control
- Distinguish where more complex controllers are used
- Define the ControlMaster portfolio
- Describe the ControlMaster build/options/order code
- Distinguish different models-features
- Relating option keys to ControlMaster features
- Recognize where to use the CM15 indicator
- Recall a number of differing applications for ControlMaster
- Describe some of these applications stories

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