Course Goal

The course goal is to prepare students to use the Programming-, Diagnosis- and Display System (PDDS) and/or the Control System Diagnostic Station (CDS) for service- and diagnosis tasks in the PROCONTROL P14 system.

Learning objectives

Upon completion of this course, the students will have knowledge about:

- the basics and the application of PDDS
- the basics and the application of CDS

Participant profile

Maintenance and service personnel, commissioning personnel

Prerequisites and Recommendations

Fundamentals of plant automation and knowledge of modern power plant control systems and course DE561

Main Topics

- Programming-, Diagnosis- and Display System (PDDS):
  Overview, Tools
- Use of PDDS:
  Generating and editing lists, data transfer to the modules, online change of module data (function blocks, limit values and parameters), signal measuring and simulation, diagnosis, data saving, archiving
- Practical exercises PDDS
- Control System Diagnostic Station (CDS):
  Overview, Basics
- Use of CDS
  User interface, navigation and visualization, configuration, diagnosis
- Practical exercises CDS

Address

ABB AG
Power Generation
Kallstadter Straße 1
D - 68309 Mannheim
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Methods

Presentations/Lectures, discussions, demonstrations, practical exercises

Course Duration

3 days

Contact

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