

## S320

# Symphony Plus Operator Training



Learn the professional handling of a Symphony Plus system focusing on operation and observation and how to interpret the messages and to react accordingly.

### Course type and methods

This is an instructor led course with interactive classroom discussions and associated lab exercises. Approximately 50% of the course is hands-on lab.

### Student Profile

This training is targeted to operators.

### Prerequisites

Students should know the fundamentals of working with control systems and have basic knowledge of loop-control technology and data processing.

### Course objectives

Upon completion of this course the participants will be able to:

- Log on to an operator workplace
- Understand the contents of an operator workplace
- Call up process graphics
- Control the process by using faceplates
- Work with trend displays
- Handle alarm and event lists
- Navigate in the process using various display types
- Create and modify standard displays
- Use the Search Tool

### Main topics

- System overview, S+ system structure
- Log on to the system
- Operator workplace design and layout
- Calling up process graphics
- Controlling typical monitoring and control functions using faceplates
- Working with trend displays and the configuration of user specific trend displays
- Alarm and event list management, including filter actions, acknowledgement and call up of context menus from faceplates

### Duration

The duration is 4-5 hours

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## Course Outline

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- Course overview
  - System Architecture
  - S+ basics
  - Console login / logoff
  - Operator workplace layout
  - Call up process graphics
  - Control of typical process measuring and control functions
  - Operation of sequence control functions
  - Operation modes
  - Access rights
  - Working with trend displays and configuration of user specific trend displays
  - Working with alarm and event lists, filtering, acknowledgement and call up context menus from faceplates
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