

SIMATIC PCS 7, SIMATIC BATCH (ST-PCS7BAT)

Short Description

Consistent product quality for all batches, quick response to changing market conditions, requests for traceability of production (FDA compliance), meeting legal standards and testing specifications, efficient use of the production plant – these are today's challenging requirements for the automation of batch processes. Any process control systems operating in this environment have to be extremely flexible. SIMATIC PCS 7 offers the complete solution: The SIMATIC BATCH software package enables you to flexibly automate complex batch processes. Its modular architecture combined with optimum scalability in the area of hardware and software, guarantee an optimum match for the respective plant size and individual production requirements. In this training, participants will get knowledge about batch basics and the SIMATIC Batch interfaces to the automation systems and their administration.

Objectives

Upon completion of this course, the student shall be able to:

- Define the terms and procedural model according to the ISA S88.01
- Define hardware and software requirements to implement SIMATIC Batch
- Configure and use Simatic Logon
- Configure phase logic in SFCType and CFC
- Perform batch planning and configuration
- Use the Batch Control Center
- Create a recipe
- Define and configure batch materials
- Generate standard reports and messages
- Run and manage a batch

Target Group

Project managers, project staff
Technologists
Configuring engineers, Commissioning engineers

Content

Batch terminology, S88 terms, SIMATIC Batch relationship with respect to AS and OS
Windows and BATCH Application Security
Basic procedure for developing, planning and configuring a SIMATIC BATCH project
Procedural model, operate the Batch Control Center (BCC)
Creating materials, assign codes and modify their properties
Recipe editor and master recipe
Production orders, batches chaining control of batch processing
Operate the BATCH Control
Operate the reports and archiving system

Prerequisites

Prior attendance on the Siemens PCS7 System Course (ST-PCS7SYS).

Note

Course documentation: English

Type

Online-Training

Duration

5 days

Language

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