SIEMENS

Process Control System PCS 7 SIMATIC BATCH (ST-PCS7BAT)

Краткое описание

In this training, you will learn how to buildup a batch project from an automation perspective, as well as how to create and manage recipes from a process engineering perspective. Through practical exercises, you will experience how to use SIMATIC BATCH to create digital recipes, optimize plant utilization, and document batches seamlessly—with comfortable programming effort in the PCS 7 process control system.

Цели

The training teaches the basics and advanced functions of SIMATIC BATCH for batch automation in SIMATIC PCS 7. Participants will learn how to create and manage recipes, how to plan and control batches, and how to administer the system. Using practical examples, typical engineering and operating tasks are carried out. After the course, participants will be able to use SIMATIC BATCH effectively in projects and production plants and use its potential for efficient process control.

Combine your face-to-face course with web-based training on our digital learning platform for industry and increase your personal learning success in the face-to-face course. On SITRAIN access you will find, for example, basic knowledge of process control technology, PROFIBUS in process automation, PROFINET or data communication with Industrial Ethernet. But also further topics such as an overview of digitization in process automation or an introduction to SIMIT and the Virtual Controller.

Click here for more information about SITRAIN access

Целевая группа

- Project Manager
- Commissioning Engineer
- Project Planner
- Maintenance Technician

Содержание

- Basics of batch automation and batch terminology according to ISA-88
- Architecture and integration of SIMATIC BATCH in SIMATIC PCS 7
- Security and user concepts for batch operation
- Project planning and configuration of a SIMATIC BATCH project
- Process modelling as well as creation and management of recipes
- Operation of the Batch Control Center (BCC)
- Planning, approval and execution of production orders
- Batch control, batch chaining and monitoring of the production process
- Operation and analysis of batch operations
- Reporting, archiving and evaluation of production data

Included in the course price:
This course includes a 4-week Learning Membership for our digital learning platform SITRAIN access. With the Learning Membership, you can deepen or repeat the content of this learning event as well as continue your education on other interesting topics. As an introduction to the digital learning platform, we recommend the following learning path:

SIMATIC PCS 7 - System Training (Curriculum)

Требования к участнику

- Basic knowledge of electrical, regulation and control technology, as well as process control technology
- Attendance of the system course "ST-PCS7SYS" is recommended or comparable knowledge of PCS 7 is available
- Practical experience in the project planning of SIMATIC PCS 7

Примечания

If you have no previous knowledge of project planning in SIMATIC PCS 7 and want to concentrate on the handling of recipes from the point of view of process engineering, we recommend our SIMATIC BATCH operator training ST-PCS7BOP.

The Learning Membership starts 7 days before the start of the course and ends 14 days after the end of the course. During this period, they have access to all of the more than 480 web-based training courses available.

Тип

Очный тренинг

Продолжительность

5 Дн.

Язык

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