

Drive Based Technology Basic Motions and Sway Control (CR-DBT)

Objectives

SINAMICS S120 with its focus on Crane application (Starter, CU310-2; CU320-2), Drive Based Technology, Drive Based Sway Control.

Target Group

System Integrators, Crane SW engineers (OEM's), commissioning engineers who have to commission a crane with SINAMICS S120 and Drive Based Technology along with Drive Based Sway Control.

Content

This course content is:

Basis SINAMICS knowledge required for commissioning Drive Based Technology

- Overview of Simocrane Portofolio
- Software tool STARTER
- Hardware, controllers and powermodules: CU310-2, PM, CU320-2; MoMo
- Standard steps for handling S120
- Trace
- Handling parameters, save and copy
- Commissioning of Drive Based Technology with example of Hoist (StartPuls, LDFW, ...)
- Commissioning of Drive Based Sway Control
- Handling of Open Architecture-Drive Based Sway Control (installation, download, ...)
- How to use the BOP20
- Demo: Drive Based Technology Standard application based on CU320-2
- Demo: Customized Drive Based Technology with DCC

Practical exercises at the Crane Model Drive Based Technology

Prerequisites

The following prerequisites are required

- Basic knowledge of Cranes
- Basic knowledge of PLC, SIMATIC S7 and Simatic manager
- Basic knowledge of Frequency Controllers, SINAMICS S120 and Starter

Type

Face-to-face training

Duration

3 days

Language

en

Fee

1,600 EUR