

Course description

G567

DCS800 Crane Drive Application

Course Duration

The duration is 2 days.

Course Type

This is a classroom course led by an instructor.

Course Goal

The goal of this course is to teach students the basics of DCS800 Crane Drive Application.

Student profile

This course is intended for electricians, technicians and engineers who install, operate and service DCS800 crane drive applications.

Prerequisites

Prior to attending this course, students should have

- Basic knowledge of DC Fundamentals (DC-Motor; DC-Converter)
- Experience in using PC in the Windows environment
- Course G560e web course completed.
- Course G560 class room training completed
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Course Objectives

Upon completion of the course, students will be able to

- Understand the functions of ABB crane drive application.
- Commission the DCS800 crane drive

Main Topics

- DCS800 crane drive software
- Safety functions in the crane drive software
- Differences between DCS800 standard software and crane drive software
- DCS800 Crane Drive start/stop sequence
- DCS800 Crane drive power optimization
- DCS800 Crane drive fieldbus mode
- Master Follower applications in crane drives

Low voltage drives training

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