

Course description

INMVD-102

ACS 2000 Medium Voltage Drive Operation and Maintenance

Course goal

The goal of this course is to train the participants in the safe operation, control, configuration, troubleshooting and maintenance of the ACS 2000. Through various training methods the students will develop their knowledge, confidence and skills in the handling of this Multi-Level Voltage Source Inverter.

Learning objectives

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

- Know the protection and safety concepts of the drive
- Identify drive components, configure settings and understand the drive system topology
- Operate the drive, energizing, de-energizing, start, stop and adjust speeds
- Carry out maintenance tasks
- Perform basic troubleshooting tasks, using data loggers, fault loggers and Drive Window

Participant profile

This training is targeted to electricians, technicians and engineers who will operate, maintain or troubleshoot the ACS 2000 drive system.

Prerequisites

Basic knowledge of AC motors and drives
Basic knowledge using computers with Windows.

Topics

- Overview
- Control hardware
- Power hardware
- Operation
- Software



- SW tool DriveWindow
- Protection concept
- Hands-on training
- Preventive maintenance
- Troubleshooting

Course type and methods

This is an instructor led seminar with hands-on exercises. The language of the course is English.

Course duration

The duration of the course is 3 days.
Minimum 4 participants
Tailor-made and on-site training on request.

ABB India Limited

Medium Voltage Drives

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