SIEMENS

AC Drive: SIMOVERT Master Drive Vector Control (DR-MDVC)

Objectives

This course is designed for Engineers and maintenance technicians who are not exposed to digitally controlled AC drive technology and further needs to work with Siemens make AC Drive Master Drive VC

Target Group

Users, Commissioning / Service / Maintenance Engineers

Content

- Product Pallet- Master Drives
- Hardware Details and Specifications
- Block Diagram and Power Connections
- Control Connections and Terminal Details- CUVC
- BICO Technology and Flexibility
- Start-Up for Open Loop V/f Control Mode
- Parameter Structure: Function Data Sets, Motor Data Sets, BICO Data Sets and reading of Function Diagram
- Working with Programmable Inputs and Outputs
- Control Words and Status Words
- Set-point and Actual value Channel
- Closed Loop Speed Control Configuration
- Torque Controlled Drive Configuration
- Introduction to Drive Monitor software and parameterization / control through PC.
- Special Functions like Automatic Restart, Kinetic Buffering, Flexible Response, DC braking, Synchronization.
- Free function Blocks
- Introduction only - communication capabilities of MASTERDRIVE
- Fault Diagnostics - Procedure
- Engineering Concepts

Prerequisites

Engineers in Electrical / Electronic Engineering with Power Electronics Background

Type

Face-to-face training

Duration

6 days

Language

en

Fee

33,000 INR