

SIEMENS

Drives Maintenance Course

Course Code – SD-AC83-VC

Duration – 2 Days

Prerequisites

Successful completion of the SD-MD-VC course or previous MASTER DRIVE programming expertise.

Aims and Objectives

To prepare the electrician / technician or engineer for a sound understanding of maintenance procedures on MASTER DRIVES.

Content

- Hardware structure from selected drives.
- Structure of SETPOINTS, CONTROL words and
- STATUS words.
- Power down and lock-out procedures.
- Test functions of the drive.
- Troubleshooting : Interpretation of internal
- Fault/alarm messages.
- Testing points on drive.
- Internal hardware test with TEST UNIT.
- How to re-optimize after motor replacement.
- Procedure for replacing of Processor board.
- Replacing of I.G.B.T. , driver board, power supply.
- Re-assemble and functional testing.
- Preparing reports for SIEMENS service personnel.
- Ordering of spare parts.
- Cause analysis, preventative measures.