



MV7000 Variable Speed Drives (Legacy System)

Application:
MV7304/7306/7308/7309/7612

Purpose

- Understand the HV safety requirements and drive system architecture
- Perform advanced troubleshooting tasks
- Locate and replace each faulty drive component by practical operating exercises
- Perform quickly and safely the power drive restarting and retrieve vessel capability.

Target audience

- Operators, management, maintenance and engineering personnel.

Pre-requisites

- Basic training is recommended
- Basic electrical knowledge
- Basic computer knowledge

Content

Understand the function of the power electronic components:

- DFE (Diodes Front End)/DC Bus capacitors
- IGBTs and RC snubber
- GDR110/115 cards
- Analogy between drawing and equipment

Carry out the measurements and replacement:

- DFE/DC Bus capacitors/RC snubbers;
- IGBTs replacement
- GDR110/115 cards
- Optical fiber: Measure loss & power levels, inspect & clean connector end faces



Duration: 1 day (7 hours)

Practical Exercises: 100%

- Maintenance
- Troubleshooting
- Replacement of parts.

Training Equipment

- MV7000 mock-up
- Use of dedicated tools.

Assessment

- Quiz
- Practical exercises .

Trainee's Documentation

- Specific customer tools
- Customized training material
- Certificate of attendance

Location: France – Belfort

Training Code	EN MD7000 drive legacy
Max number of trainees	6
Price	Contact us