



# MV7000 Variable Speed drives (Unified system)

Application: MV7310/7315/7304/PTI-PTO

## Purpose

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

## Target audience

- Operators, management, maintenance and engineering personnel.

## Pre-requisites

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

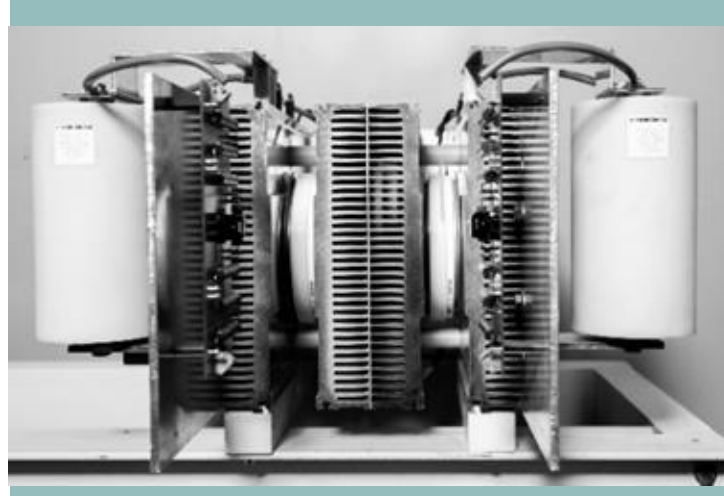
## Content

Understand the function of the power electronic components:

- DFE (Diodes Front End)/DC Bus capacitors
- IGBTs and RC snubber
- PIB651/671 cards
- Analogy between drawing and equipment

Carry out measurements and replacement:

- DFE/DC Bus capacitors/RC snubbers;
- IGBTs replacement
- PIB651/671 cards & power supplies
- 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