



MV7000 Variable Speed Drives – Power Electronics Maintenance & Troubleshooting

Application: RXi Wago/B&R/RXi/ PEC M3

Purpose

- Familiarize yourself with basic knowledge about motors
- Familiarize yourself with variable frequency drive (VSD)
- Understand the principles applied to motor controls

Target audience

- Operators, management, maintenance and engineering personnel.

Pre-requisites

- Basic electrical knowledge
- Basic computer knowledge

Content

Electro-technical theory refresh (transformer/rotating machines/drive)

Variable frequency drive operating principles (main components, control interfaces)

Control Network Architecture (communication, hardware and SW)

Drive Control & Process Automation Principles

- Software – System functions & application
- Hardware – Configuration

Automation Maintenance procedures – usage of maintenance laptop

- Replacement of Remote IO modules and control panels (IP programming)
- Replacement of network switches
- Application reloading (P80i software or Machine Edition)



Duration: 3 days

Practical Exercises

- Use of MV7000 PECe application through the P80i tool
- MV7000 piloting AC motor.

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 MV7000 Physical
Max number of trainees	6
Price	Contact us