

Energizing People > Powering the Future



Seminar No. 105

DC Motor Variable Speed Drive WNTC-F for direct current motors

Course Description:

During the training the attendees will learn about DC motor reminders, Thyristor bridges and DC motor control principles. They will have an understanding for the range of power, configuration, main components and options of WNTC-F. Concerning the commissioning part the trainees will learn the method of commissioning, parameterization using the keypad, parameterization using AGILITY software, open loop VVVF control mode, regulation loops setting, detail schematic diagram, software advanced functions, faults and alarms as well as troubleshooting. Remote control using a fieldbus will be also a topic.

This training consists of 50% practical exercises and practical equipment. With two WNTC-F mock-up equipped with their workstations enables commissioning and use of the WNTC-F variable speed drive.



Learning Outcomes:

- Understand the variable speed principles applied to the DC motor control
- Be able to commission and start the drive
- Identify and analyze the troubles, and fix them



Prerequisites:

None



Participants:

Commissioning technicians and service personnel



Duration:

5 days

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