Seminar No. 105
DC Motor Variable Speed Drive
WN TC-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 WN TC-F mock-up equipped with their workstations enables commissioning and use of the WN TC-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

Z.A. Courtabœuf
18 Avenue du Québec
91140 Villebon-sur-Yvette (France)
T +33 (0)1 77 31 20 00
Formation.villebon@ge.com

© 2016 General Electric Company. All rights reserved.
GEA32941 (12/2016)