



Seminar No. 295

MV3000 Variable Speed Drive Vector Control of induction motor

Course Description:

Theoretical reminders of the training will be the asynchronous motor. During the general presentation of MV3000 the attendees will learn about the range of power, configuration, main components, and options. Concerning the commissioning part, the trainees will learn the method of commissioning, parameterization using the keypad, parameterization using DRIVE COACH, open loop VVVF control mode, Flux Vector control mode, set of programmable functions as well as trouble shooting. Remote control using a fieldbus will be also a topic.

This training consists of 65% practical exercises and practical equipment with two of MV3000 mock-up equipped with their workstations.



Learning Outcomes:

- Understand the MV3000 principles applied to the AC motor control
- Be able to commission and start the drive
- Identify and analyze the troubles, and fix them



Prerequisites:

None



Participants:

Engineers/technicians from maintenance, commissioning or engineering departments



Duration:

5 days

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