

COURSE DESCRIPTION

G164

ACS800-77LC, Operation and Maintenance



Course Type and Description

This is a classroom course with hands-on lab activities supported by an instructor.

The course contains theoretical presentations and hands-on exercises with ACS800-77 Liquid cooled Wind Turbine Drive unit.



Main Topics

- Reading and interpreting circuit diagrams
- Installation procedure
- Ethernet adapter communication
- Locating and identifying terminals, boards and other components
- Converter commissioning
- Changing the setting
- Fault indications and maintenance
- DriveWindow commissioning and maintenance



Course Duration

The course duration is 2 days.



Student Profile

This course is intended for electricians, technicians, and engineers, who install, operate and service ACS800-77LC Wind Turbine drives.



Prerequisites

Prior to attending this course, students should have

- Basic knowledge of electronics
- Experience in using PCs in the Windows environment



Course Goal

The goal of this course is to teach students to start-up, adjust, operate, maintain, troubleshoot and repair ACS800-77LC Wind Turbine drives.



Course Objective

Upon completion of this course, students will be able to:

- Commission and tune ACS800-77LC drives
- Use the fault tracing methods
- Replace the faulty parts and units
- Operate and maintain ACS800-77LC drives

Day 1

09:00 Introduction to the Course
09:15 System Presentation
10:15 Break
10:30 Installation
11:00 DriveWindow Tool
11:30 DriveWindow Exercises
12:00 Lunch
13:00 DriveWindow Exercise
14:15 Break
14:30 Commissioning
16:00 End of the Day

Day 2

08:30 Maintenance
09:00 Fault Tracing
10:00 Break
10:15 Repair
11:00 Inverter Unit and Module Exercises
11:45 Lunch
12:30 Inverter Module Exercise
14:00 Break
14:15 Module Installation Back to the Cabinet
15:00 Ethernet Adapter Exercise
16:00 End of the Course

Street address

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Low voltage drives training

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