

COURSE DESCRIPTION

G167

ACS800-67 Wind Turbin Drive Startup Maintenance and Service



Course Type and Description

Classroom course with hands-on lab activities led by an instructor

The course contains lectures, hands-on exercises with ACS800 multidrive units and start-up exercises with Wind Turbine Drive.



Course Objective

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

- Commission and tune ACS800-67 Wind Turbine Drives
- Operate and maintain ACS800-67 Wind Turbine Drives



Course Duration

The course duration is 3 days.



Main Topics



Student Profile

This course is intended for electricians, technicians, and engineers, who install, operate and service ACS800-67 Wind Turbine Drives.



Prerequisites

Prior to attending this course, students should have

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



Course Goal

The goal of this course is to teach students to start-up, adjust, operate and maintain ACS800-67 wind turbine drives.

Day 1

09:00 Introduction of the Course
09:15 Description of the ACS800-67
10:00 Break
10:15 Hardware Construction
11:30 Circuit Diagrams
12:00 Lunch
13:00 DriveWindow
14:00 Break
14:15 Drive Window Exercise
16:00 End of the Day

Day 2

08:30 Introduction to the Exercises
08:45 Exercise 1
10:00 Break
10:15 Exercise 2
12:00 Lunch
13:00 Connection to WTD via Internet
14:00 Break
14:15 Cascade Generator Control Application
16:00 End of the Day

Day 3

08:30 Start-up Procedure
10:00 Break
10:30 Start-up with test WTD Unit
11:00 Measurements and Start-up Exercises with Test WTD Unit
12:00 Lunch
13:00 Measurements and Start-up Exercises Continue
14:30 Break
16:00 End of the Course

Street address

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Mailing address

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Low voltage drives training

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