Course Description

G333
ACS600 Single Drive/Multidrive, Water-Cooling System Startup, Maintenance and Service

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

This course contains classroom lectures and hands-on training with water-cooled ACS600 units.

This course belongs to several learning paths. Please see the accompanying figure of possible learning paths.

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

- Describe the construction of the ACS600 single drive/multidrive W water-cooling system
- Make connections between the transportation units
- Perform basic maintenance operations

Main Topics
- Overview of the water-cooled ACS600 single drive/multidrive W frequency converters
- Installation of water-cooled inverters
- Commissioning of the water-cooling system
- Maintenance

Course Duration
The course duration is 1 day.

Student Profile
This course is intended for electricians, technicians, and engineers who commission and service water-cooled ACS600 single drives/multidrives.

Prerequisites
- Course G330 or G300

Course Goal
The goal of this course is to teach students to install, start-up, adjust, operate, maintain, troubleshoot and repair the water-cooling system of ACS600 single drive/multidrive W frequency converters and replace ACS600 single drive/multidrive W inverter and supply modules.

Please refer to the accompanying figure of learning paths relating to this course.
Day 1

09:00  Welcome and Introduction
09:15  Product Introduction
09:40  Installation
10:15  Coffee
10:30  Commissioning
12:00  Lunch
12:45  Maintenance
14:00  Coffee
14:15  Exercises
16:00  End of the Day