G152
ACS800 Single Drive Start-up and Basic Maintenance

Course type and description

The ACS800 Single drive Operation, Start-up and

Basic Maintenance learning event consists of theory and hands on .

A classroom course with ACS800 Single drive -related theory and hands-on lab activities

supported by an instructor.

Course duration

The course duration is 2 days.

Student profile

This course is intended for electricians, technicians, and engineers, who install, operate and do basic maintenance on ACS800 single drives.

Course goal

The goal of this course is to teach students to install, start-up, operate, maintain and troubleshoot ACS800 single drives.

The training covers the following types and constructions: ACS800-01, ACS800-02 R7 or ACS800-04 R8 and ACS800-11 (on request).

Course objectives

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

- Commission and tune ACS800 single drives.
- Operate and maintain ACS800 sing drives
- Do basic troubleshooting on ACS800 single drives

Main topics

- ACS800 standard application program
- Control panel functions
- Control panel assistants
- Locating and identifying terminals
- Installation principles
- Converter commissioning
- Fine tuning of the converter
- Adaptive Programming
- DriveAP Adaptive Programming PC-tool operations
- DriveWindow commissioning and maintenance PC-tool operations
- Introduction to troubleshooting

Prerequisites

Prior to attending this course, students should have:

- Basic knowledge of power electronics
- Experience in using a Windows PC environment

G156
ACS800-X7 Single Drive Start-up, Maintenance and Service

Course type and description

The ACS800-x7 Operation, Start-up and

Basic Maintenance learning event consists of theory and hands on .

A classroom course with ACS800-x7-related theory and hands-on lab activities

supported by an instructor.

Course duration

The course duration is 2 days.

Student profile

This course is intended for electricians, technicians, and engineers, who install, operate and service ACS800-07/-17/-37 single drives.

Course goal

The goal of this course is to teach students to install, start-up, adjust, operate, maintain, troubleshoot and repair ACS800-07/-17/-37 single drives.

Course objectives

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

- Commission and tune ACS800-07/-17/-37 single drives
- Trace and correct faults
- Operate and maintain ACS800-07/-17/-37 single drives

Main topics

- ACS800-07 hardware
- Components and boards functions
- Obtaining, reading and interpreting circuit diagrams
- ACS800 standard application program with PROFIBUS
- Locating and identifying terminals, boards and other components
- Converter commissioning
- Redundancy on request
- Fault tracing methods
- Regenerative drive
- DriveWindow commissioning and maintenance PC-tool operations

Prerequisites

Prior to attending this course, students should have:

- Basic knowledge of power electronics
- Experience in using a Windows PC environment