**COURSE DESCRIPTION**

**G152**

**ACS800 Single Drive, Startup and Basic Maintenance Hands-on**

**Course Type and Description**

The ACS800 single drive learning event comprises of two parts: e-learning courses and classroom course.

This is the second part of the learning event: Course G152 is a classroom course with hands-on exercises and fault tracing with ACS800 demo units supported by an instructor.

The first part of the learning event includes the theory based e-learning courses mentioned below. Please note that the e-learning course material is not covered during the classroom course. You are required to complete the e-learning part before the classroom part, which is essential in order to be able to succeed in the hands-on lab activities during classroom days. The status of e-learning course completion is monitored.

**Course Objective**

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

- Commission and tune ACS800 single drives
- Operate and maintain ACS800 single drives
- Do basic trouble shooting on ACS880 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 tool operations
- DriveWindow commissioning and maintenance tool operations
- Introduction to trouble shooting

**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 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 constructs:

- ACS800-01
- ACS800-02 R7 or ACS800-04 R8
- ACS800-11 on request

**Prerequisites**

- Basic knowledge of electronics
- Experience in using a Windows PC
- Course G152e.

- Please refer to the accompanying figure for course names and durations
<table>
<thead>
<tr>
<th>Time</th>
<th>Day 1</th>
<th>Day 2</th>
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<tbody>
<tr>
<td>09:00</td>
<td>Course Information</td>
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<tr>
<td>09:15</td>
<td>Drive AP Demo</td>
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<tr>
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<td>Break</td>
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<td>Exercises</td>
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<tr>
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<td>Lunch</td>
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<td>Break</td>
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<tr>
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<tr>
<td>16:00</td>
<td>End of the Day</td>
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