Course description

G384
ACS880-04/04XT and -07 operation, startup and basic maintenance hands-on

Course type and description
The ACS880 operation, startup and basic maintenance learning event comprises of two parts: e-learning courses and classroom course.

This is the second part of the learning event: This is a classroom course with hands-on lab activities supported by an instructor. This course contains hands-on ACS880 exercises.

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.

Please see the accompanying figure of possible learning paths

Prerequisites
- Basic knowledge of electronics
- Course G380
E-learning courses G3804e, G3847e, G3841e, G3806e, G3807e and G3808e. Please refer to the ACS880 learning program for ACS880 course names and durations.

Course duration
The course duration is 1 day.

Student profile
This course is intended for electricians, technicians, and engineers who maintain, operate and service ACS880-04 and ACS880-07 drives.

Course goal
The goal of this course is to teach students to maintain, startup and operate ACS880 drives.

Course objectives
Upon completion of this course, students will be able to:
- Commission ACS880-07 drives
- Operate ACS880-07 drives
- Do basic maintenance for ACS880-04 and ACS880-07 drives

Main topics
- ACS880-04 Location and basic maintenance
- ACS880-07 Location and basic maintenance
- ACS880-07 start up and operation
- ACS880-07 module replacements

Low voltage drives training
ABB University Finland, Helsinki Training Center
Helsinki.abbuniversity@fi.abb.com
www.abb.com/abbuniversity

Power and productivity for a better world™  ABB
Course agenda

G384

ACS880-04/04XT and -07 operation, startup and basic maintenance hands-on

Day 1
08:30 Course Information
08:45 Exercise 1
10:10 Coffee break
10:25 Exercise 2
11:50 Lunch
12:35 Exercise 3
14:00 Coffee break
14:15 Exercise 4
15:40 Course evaluation
16:00 End of the course

Exercise executing order:

<table>
<thead>
<tr>
<th>Exercise packages</th>
<th>Group 1 Exercise</th>
<th>Group 2 Exercise</th>
<th>Group 3 Exercise</th>
<th>Group 4 Exercise</th>
</tr>
</thead>
<tbody>
<tr>
<td>Package 12 ACS880-07 Start up</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Package 13 ACS880-07 R10 Maintenance</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td>Package 14 ACS880-04 R10/R11 Maintenance</td>
<td>3</td>
<td>4</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Package 15 ACS880-07 R8 Maintenance</td>
<td>4</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>