Course description

G166 – ACH550 HVAC Single Drive Operation & Maintenance

Course goal
The goal of this course is to teach students to install, start-up, adjust, operate, maintain, troubleshoot and repair the ACH550 drive.

Learning objectives
Upon completion of this course, students will be able to:
- Installation and commission the ACH550 drive
- Trace and correct faults
- Operate and maintain the ACH550 drive

Participant profile
This course is intended for electricians, technicians, and engineers, who install, operate and service ACH550 drives.

Prerequisites
Prior to attending this course, students should have
- Basic knowledge of electronics
- Experience in using PCs in the Windows environment
- Completed the Internet course ACH550 Standard Drive: Fundamentals (G166e)

Topics
- Locating and identifying terminals, boards and other components with the circuit diagrams
- HVAC control panel (ACS-CP-B) functions
- Installation
- Commissioning
- Fault tracing and maintenance
- DriveWindow Light commissioning and maintenance tool operations

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

Duration
The course duration is 2 days.

To enrol on-line visit:
www.abb.com/Abbuniversity/courses.aspx

ABB University, Oulton Road, Stone, ST15 0RS
Tel: +44 (0)1785 285939
Email: training@gb.abb.com

Power and productivity for a better world™ ABB
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Operation & Maintenance

**ACH550 Standard Drive Learning Path**

<table>
<thead>
<tr>
<th>Course code</th>
<th>Duration</th>
<th>Course name</th>
</tr>
</thead>
<tbody>
<tr>
<td>G166e</td>
<td>1-2 days*</td>
<td>ACH550 Standard Drive Fundamentals Internet course</td>
</tr>
<tr>
<td>G166</td>
<td>1 day</td>
<td>ACH550 Standard Drive Start-Up, Maintenance and Service Hands-On Training</td>
</tr>
<tr>
<td>G352e</td>
<td>0.5 day*</td>
<td>FlashDrop and DrivePM Operation and Programming Internet course</td>
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<td>G352</td>
<td>0.5 day</td>
<td>FlashDrop and DrivePM Operation and Programming</td>
</tr>
</tbody>
</table>

* The duration of the Internet courses depends on personal professional background and study pace

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