COURSE DESCRIPTION

G387
HES880 Installation, Operation and Startup Hands-on

Course Type and Description
This is a class room course with hands-on exercises supported by an instructor.

Course Objective
Upon completion of this course, students will be able to:
- Install, startup and test the HES880 installation.

Course Duration
The course duration is 2 days.

Main Topics
- Example applications
- Configurations
- Hybrid vehicles drive train
- Hybridization of commercial vehicles

Course Goal
The goal of this course is to familiarize students in the requirements, market segments and features of the HES880 modules.

Student Profile
This course is intended for ABB personnel including electricians, technicians, and salespersons.

Prerequisites
- Fundamentals of ABB LV AC drives mechanics and operation
- Courses: G3870e HES880 drive modules for heavy vehicles, G374e All-compatible panel fundamentals, G375e Drive composer entry tool fundamentals, G376e Drive composer pro fundamentals
### Day 1
08:30  Welcome and Introduction
08:45  HES880 Softwares, Usage and Main Properties
09:00  Control Panel Exercises
10:00  Coffee Break
10:15  Exercise, Drive Composer Pro
11:30  Lunch
12:15  Exercise, Software Loading
14:00  Coffee Break
14:15  Exercise 4
15:15  Exercise 5
16:00  End of the Day

### Day 2
08:30  Exercise 6
09:30  Exercise 7
10:30  Coffee Break
10:45  Exercise 8
11:40  Lunch
13:15  Exercise 10
14:00  Coffee Break
14:15  Course Evaluation and Q&A
15:00  End of the Course

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<th>Group B</th>
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