G3890
ACS880LC/ CLC Start-up and commissioning, basic maintenance

Course type
Classroom course.

Course description
The ACS880LC/ CLC learning event comprises of two parts: e-learning courses and classroom course.

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

The first part of the learning event includes the theory based e-learning courses and hands on 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.

The course duration is one day.

Course goal
The goal of this course is to teach students to start-up, adjust, operate, maintain, troubleshoot and repair ACS880 liquid-cooled supply, inverter and cooling units.

Student profile
This course is intended for electricians, technicians, and engineers, who install, operate and service ACS880 liquid-cooled drives.

Prerequisites
ü G3891e or some other ACS880LC product related course

Course objectives
Upon completion of this course, you will be able to:
ü Commission ACS880 liquid-cooled drives
ü Trace and correct faults
ü Operate and maintain ACS880 liquid-cooled drives

Main topics
ü Construction of drive-, supply and cooling units
ü Cooling methods of drive- and supply units
ü Functionality of the cooling unit
ü Installation of the cooling unit
ü Start-up of the cooling unit
ü Replacement of the modules
ü Start-up of the ACS880 I/ O bus
AGENDA

G3890
ACS880LC/ CLC Start-up and commissioning

Day 1

09:00  Course Information
09:15  Location exercise / Fan replacement exercise
10:00  Coffee break
10:15  Location exercise / Fan replacement exercise
11:00  Module replacement, exercise / Liquid Cooling Unit start-up, exercise
12:00  Lunch
13:00  Module replacement, exercise / Liquid Cooling Unit start-up, exercise
14:00  Coffee break
14:15  ACS880 I/O bus exercise
15:30  End of the course