
COURSE DESCRIPTION

G5953e – DCS880 STO Re-validation Internet Course (EN)

Course Duration

0.5 hours, depending on personnel knowledge

Course type

This course includes self-study material.
The language of the course is English.

Course Goal

The goal of this course is to get the most important information of the DCS880 STO verification and validation procedure.

The training covers the following topics:

- DCS880 STO verification and validation procedure
 - Legal and operative requirements
 - Service actions
- The procedure concerning:
 - The re-validation test for the certification of the STO function
 - The repetitive function test for DCS880
 - The acceptance test for all drives with implemented safety functions
 - The documentation in Drive Installed Base

Student Profile

Field service engineers and technical support of the DCS880 DC drive.

Prerequisites and Recommendations

The student should have:

- Basic knowledge about electrical wiring
- Basic knowledge of DC drives
- Physical understanding for drives application

Preparation e-Learning courses

E-learning courses **G570e – DC drives fundamentals**, **G5950e – Basics Hardware (H1 – H4)**, **G5951e – DCS880 Standard Firmware** and **G5952e – DCS880 safety Functions STO** to attending this course is needed.

Course Objectives

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

- Know the legal and operative requirements for DCS880 STO verification and validation
- Know the service actions to be taken

Main Topics

- Re-validation of the DCS880 STO
- The repetitive function test for DCS880
- Acceptance test for all drives
- Documentation in Drive Installed Base

www.abb.com

www.abb.com/abbuniversity

ABB Automation Products GmbH

Wallstadter Straße 59

D-68526 Ladenburg

Germany

dc-drives@de.abb.com

www.abb.com/dc-drives