

COURSE DESCRIPTION

# G3859

## Functional safety hands-on with FSPS-21 and STO testing



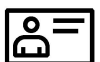
### Course Type and Description

This safety classroom course is teacher led. The course contains of one small theoretical part and hands-on safety lab exercises part. About 60% of the time is hands-on safety lab exercises.



### Course Duration

The course duration is 0,5 days.



### Student Profile

This course is intended for electricians, technicians and engineers who configure and service ACS880 /ACS580 / ACS380 drives with PSPS-21 option.



### Prerequisites

- Basic knowledge of electronics
- Experience in using a Windows PC
- Course G380, ACS880 operations, startup and maintenance hands on.
- Course G3851, ACS880 functional safety configuration with FSO



### Course Goal

The goal of this course is to learn how to do commissioning and testing of .PROFINET IO and PROFISAFEfor drives.

Make **STO** circuitry Acceptance test and Safety Reporting



### Course Objective

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

- Be able to commission and test ACSx80 products with FSPS-21
- Test and report STO acceptance.



### Main Topics

- PROFINET IO and PROFISAFE, drive configuration ACS380, ACS580 and ACS880.
- ACS880/580/380 STO circuitry Acceptance test
- Safety Reporting