



PLC Training Course - B&R Automation Studio with Integrated Safety

I100 TM510

PLC Training Course - B&R Automation Studio with Integrated Safety: Target Group

This course is intended for B&R Automation users that need to incorporate safety functions within the PLC. It is a course for system designers and programmers.

PLC Programming Software: B&R Automation Studio

PLC Training Course - B&R Automation Studio with Integrated Safety: (Pre) Knowledge

Students must have completed the B&R Automation Studio Basics course TM210, or have equivalent experience in the package.

Students should already be familiar with the safety design procedures and principles such as HAZOP, failsafe designs, machine and electrical safety standards.

Students must have a strong familiarity with the Windows operating system GUI.

PLC Training Course - B&R Automation Studio with Integrated Safety: Content

Participants will gain competency in building to a B&R Automation project using Automation Studio and ASiSt SafeDESIGNER software packages. The content covers the software features, requirements for design documentation and record keeping, development of a safety application configuration and commissioning.



PLC Training Course - B&R Automation Studio with Integrated Safety: Methods

ATS courses are given by highly qualified trainers, with practical knowledge, in professional ATS training centres or On-Site. Prior to the course an intake conversation can take place to define the participant(s) and the company's requirements. Presentations (theory and examples) as well as practical exercises bring the courses to life. ATS courses are interactive, the trainer will always make sure the training contents link back to your situation.

PLC Training Course - B&R Automation Studio with Integrated Safety: Specific Curriculum

Topics

The objective of this training is to become familiar with using SafeDESIGNER as well as the procedure and aspects involved in developing a safety-oriented application

Lesson 1

- Overview of features available in Automation Studio and SafeDESIGNER
- Documentation requirements of a safety application



Lesson 2

- How to create a safety application
- How to configure the application to meet your requirements
- How to commission and maintain a safety application/project

