

T147 One Day Development of a Compliant Safety Requirements Specification (SRS)

This course builds on the principles of functional safety management, focusing on the derivation of the Asset Owner Safety Requirements Specification for the successful design and engineering of Safety Instrumented System Projects and safety applications.

This course provides additional detail and understanding for the development of a SRS to meet the functional design requirements of IEC 61511.

Course Duration

The duration is 1 day.

Course Type

This is an instructor-led course with interactive classroom discussions, exercises and practical examples.

Participant profile

This training is targeted to safety, process, control and systems engineers, instrumentation and application engineers from end-user and EPC organisations.



Prerequisites and Recommendations

Delegates should have awareness of how risk measures are developed and how the requirements for SIS are transposed into design. A good understanding of safety systems and safety standards is an advantage.

Course Objectives

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

- Identify the key data requirements for developing a compliant SRS
- Provide awareness and understanding of how the SRS information is developed into functional design and the relationship with the supply chain

Course Outline

Topics Covered
SIL Compliance to IEC 61508 and IEC 61511
Hazard & Risk Assessment Process
Safety Requirements Specification Process
Design & Engineering Process
SRS Development Exercise

How to order

Please contact the Safety Lead Competency Centre below for attendance at any Open course being planned in your region or if you would like to run a training course specific to your organisation. On completion of discussions, a fixed price training proposal will be issued to you for your approval.

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