

T149 Training - End User SIS Design, Engineering and Supply Chain Requirements

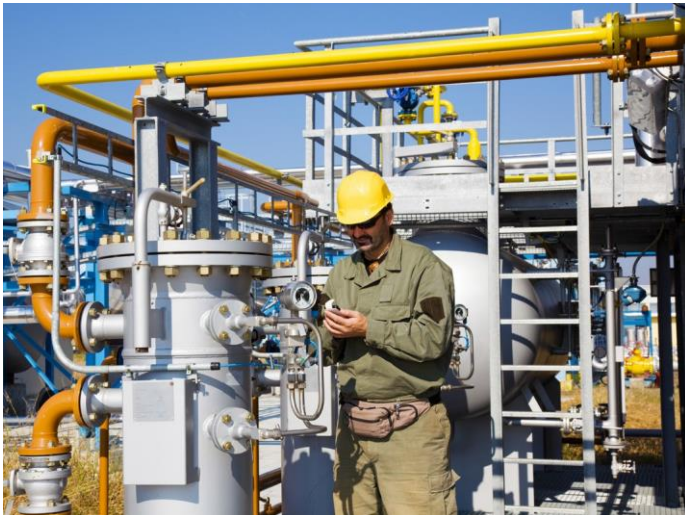
The goal of this course is to understand the principles of functional safety management from the End Users perspective, and how to manage the design and engineering lifecycle phases in the context of safety-related systems projects and safety applications.

Course Duration

The duration is 1 day.

Course Type

This is an instructor led course with interactive classroom discussions and practical examples of implementation of safety lifecycle requirements.



Participant profile

This training is targeted to End User / EPC control and systems engineers, instrumentation and application engineers who will be involved in executing safety system application projects.

Prerequisites and Recommendations

Delegates should have knowledge and experience of working on automation and control applications, projects and systems. Basic knowledge of safety systems and safety standards is an advantage.



Course Objectives

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

- Appreciate the principles of functional safety management and the key features of related standards from the End Users perspective
- Describe the requirements of the design and engineering safety lifecycle phases in the context of the End User
- Understand the key deliverables from the safety lifecycle design and engineering processes and the expectations from the supply chain
- Understand the need for and use of safety lifecycle processes, procedures, methods and techniques for SIS design and engineering in compliance with IEC 61508/IEC 61511

Course Outline

| One Day |
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| Functional Safety Standards and the End User |
| Functional Safety Lifecycle Management |
| Safety Requirements and Design |
| Detailing the Design and Engineering Safety Lifecycle for implementation of safety systems |
| Verification and Validation |
| Functional Safety Audits and Assessments |
| Worked examples |

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 to proceed.

Assured and certified products, services, delivery and execution.

For further information please contact:
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