T143e
The Key Concepts of Functional Safety Management

An introductory briefing designed to raise awareness and appreciation regarding the importance of functional Safety and compliance to the IEC 61511 safety standard.

The goal of this introductory course is to highlight the key IEC 61511 safety standards management requirement and to introduce the structure of the functional safety life cycle concept.

Course type and methods
This is an e-learning training course. Delegates will be able to access the course modules and complete the course to fit in with their day to day workload.

Student Profile
This training is targeted to managers and engineers who require a general appreciation regarding this import safety related standard or any personnel with the organisation involved with managing, executing, operating and maintaining functional safety and security for automation projects to raise their general understanding for this process safety management related topic area.

Prerequisites
There are no pre-requisites required for interested delegates to gain a general understanding for functional safety management requirements in the context of industrial automation safety related systems.

Course objectives
Upon completion of this course the participants will:
• Gain an introduction and awareness of key concepts of the IEC 61508 and IEC 61511 Functional safety Management Standards.
• Gain an appreciation of the safety Instrumented System (SIS) safety lifecycle phases and requirements.
• Identify the role and responsibilities of the Asset owner, EPC and Supply Chain and the implementation of the Function Safety Management requirements.

Duration
The course is expected to span 90 minutes