

**Event Programme**

**Functional Safety Management Awareness Course  
14 September (Virtual Course)**



**Who should attend?**

The course is aimed at anyone involved in managing activities and/or procuring services related to the design, installation, testing and maintenance of Safety Instrumented Systems. Site Leaders, Operational and Engineering Managers, Process Safety and Engineering Personnel, Health and Safety Professionals, and Competence Management and Training Professionals would benefit from attending.

**Why attend?**

Safety Instrumented Systems (SISs) are used in many applications, as Independent Protection Layers (IPLs) to avoid major accident hazards. It is essential that these SIS are suitably defined, from first principles, so that the required Safety Integrity Levels (SILs) can be derived.

The standards refer to a Functional Safety Lifecycle approach which covers SIS definition, SIL determination, design, testing and decommissioning. They also require that any work is carried out by suitably qualified and experienced personnel and that the systems are tested and maintained in an appropriate and well documented manner.

This course will provide an overview of current standards, guidance and the management processes involved in managing Functional Safety to allow participants to act as the intelligent customer. The HSE defines Intelligent Customer Capability as *“The capability of the organisation to have a clear understanding and knowledge of the product or service being supplied”*.

Training will be in the form of a one day course consisting of presentations, workshop exercises and case studies. The interactive workshop sessions will allow candidates to apply some of the techniques to ‘real world’ situations.

**Programme**

<b>09.15</b>	Background : IEC Standards & Legal Requirements
<b>11.00</b>	Coffee Break
<b>11.15</b>	Safety Integrity Levels
<b>12.30</b>	Lunch & Networking
<b>13.00</b>	Functional Safety Specification
<b>14.30</b>	Coffee Break
<b>14.45</b>	Functional Safety Verification
<b>16.00</b>	Q & A / Final Discussion
<b>16.30</b>	Close