



Functional Safety for Equipment Manufacturers 1-day training course

Designing equipment to be compliant with IEC 61508 for use in functional safety applications requires specialist knowledge and competence from many roles in the development, quality and manufacturing areas. This course is an indispensable pre-requisite for any equipment supplier thinking of applying IEC 61508 to the design of products that are used in applications where a safety integrity level (SIL) could be involved.

Many end-users are realizing the benefits of adopting a functional safety approach to reducing risk from hazards on the plant. Having the know-how to apply the IEC 61508 standard to create compliant products offers significant advantages for equipment suppliers in terms of competitive edge, supplier approvals and enabling customers to meet their regulatory requirements.

SESSION	TOPICS COVERED
1. Introduction to Functional Safety	<ul style="list-style-type: none"> • <i>Introduction to the course</i> • <i>Examples of safety functions and subject overview</i> • <i>Hazards, risk and safety integrity levels</i> • <i>Understanding the jargon</i>
2. Hardware Reliability	<ul style="list-style-type: none"> • <i>Failure rates and probabilities</i> • <i>Quantifying product failure data</i> • <i>Product specifications</i>
3. Systematic Integrity	<ul style="list-style-type: none"> • <i>Documentation, verification & validation</i> • <i>The realisation lifecycle, techniques and measures</i>
4. Functional Safety Management	<ul style="list-style-type: none"> • <i>FSM scope and essentials for equipment suppliers</i> • <i>Functional safety assessment</i> • <i>Competence for various job roles</i>
5. Standards, Legal and Compliance	<ul style="list-style-type: none"> • <i>IEC 61508 overview and related standards</i> • <i>Legal and regulatory considerations</i> • <i>Making a claim of compliance</i>

Please contact us for price and availability of our Functional Safety Training Course

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