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61508
Association**

IEC61511

IEC61511 refers back to IEC61508 for its full implementation and IEC61511 is implemented by using IEC61508. The standards require the management of functional safety.

Cross reference between IEC 61508-1:1998 and IEC 61511-1:2003
for Management of Functional Safety

The following table cross-references those parts of IEC 61508 and IEC 61511 dealing with the management of functional safety. It may be used when an organisation has a certified capability for functional safety management to IEC 61508-1 Clause 6 that is being used for work for which the IEC61511 sector guidance standard is also applicable. In such cases, the IEC 61511 clauses shown relating to the management of functional safety are deemed to be covered by the functional safety management certification to IEC 61508-1 Clause 6.

Description	IEC61508-1 Clause	IEC61511-1 Clause
FSM and evidence of it in place	6.2.1	5.1 & 5.2.1.2
Policy	6.2.1 a)	5.2.1.1
Organisation and Responsibilities	6.2.1 b) & 6.2.4	5.2.2.1
Identification of lifecycle phases	6.2.1 c)	6
Document Structure and Content	6.2.1 d)	19
Techniques and Measures conformance plan	6.2.1 e)	6.2.3
Corrective Action	6.2.1 g)	5.2.5.1
Competency Assessment	6.2.1 h)	5.2.2.2
Process for handling hazardous incidents	6.2.1 I)	5.2.5.1 e)
O&M Performance	6.2.1 j)	5.2.5.3
Functional Safety Audit	6.2.1 k)	5.2.6.2.1
Modification	6.2.1 l) & 6.2.1 m)	5.2.6.2.2
Maintaining information on hazards	6.2.1 n)	6.2.3 (Partially)
Configuration Management	6.2.1 o)	5.2.7
Training of emergency services	6.2.1 p)	Figure 9. Not relevant for system integrators, but is important for end-users
Implementation and progress monitored	6.2.2	5.2.5
FSMS – Formal Review	6.2.3 & 6.2.2	Basic ISO9000 requirement
Supplier Assessment	6.2.5	5.2.5.2
Functional Safety Assessment	6.2.1 f) & 8	5.2.6.1
Risk Evaluation and Risk Management	May not be relevant for system integrators, but is relevant to end-users. Refer to 7.4, 7.5 & 7.6	5.2.3
Safety Planning	6.2.1 (generally)	5.2.4