

3. Functional Safety Related Courses

Code	Course Title	No of Days
FS 001	TUV Rheinland Certified Functional Safety Engineer including Exam	4
FS 002	TUV Rheinland Certified Functional Safety Technician Certificate	3
FS 003	Safety Integrity Level Determination using Layers of Protection Analysis and Risk Graphs	3
FS 004	Safety Integrity Level Verification & Validation using IEC61511 including developing Reliability Block Diagrams and Fault Tree Analysis	3
FS 005	In introduction to the application of IEC61511 and IEC61508 including Functional safety and competency assessment	3
FS 006	Functional safety awareness for Operations and Maintenance Staff including Operational Functional safety and competency assessment	1
FS 007	In introduction to the application of the Machinery Functional Safety standard IEC62061	3
FS 008	Hazard and Operability Team Leader including IEC 61882 assessment	3
FS 010	An Introduction to Hazard and Operability for team members	1
FS 011	An Introduction to Process Hazard Analysis and Risk Assessment	3
FS 012	An Introduction to Alarm review and Management to EEMUA 191	2
FS 013	An introduction to ATEX including types of protection and the requirements for Area Classification	3
FS 014	The Application of the Construction (Design and Management) (CDM2007)	2

