

IEC 61508 and IEC 62443 Certification

FUNCTIONAL SAFETY AND CYBER SECURITY



IEC 61508
SIL CERTIFICATION



IEC 62443
ISASECURE® CERTIFICATION



IEC 61508
CERTIFICATION PROCESS

HW and SW Design Review
FMEDA
HW/SW Validation

Functional Safety Management System
Policy and Audit

Quality Constraints Audit
Verification of IEC 61508 requirements

Validation Test and issue of **Functional Safety Assessment and SIL Certification**



IEC 62443
CERTIFICATION PROCESS

Security Development Lifecycle Assurance (SDLA)
Assessment and Verification of Security Lifecycle

System Security Assurance (SSA)
System security and vulnerability assessment
Component Security Assurance (CSA)
Component security and vulnerability assessment

Final ISASecure® Certification issue

SIL + ISASECURE® CERTIFICATION



APPLICATIONS:

- SENSORS THAT COMMUNICATE WITH CONTROLLERS VIA NETWORK PROTOCOLS
- COMPONENTS THAT FORM PART OF AN AUTOMATION AND CONTROL NETWORK DESIGNED TO PROTECT THE SYSTEM FROM EXTERNAL ATTACKS

ACCREDITATION:

