





Certificate No. CASS 00015/0

# **Functional Safety Management**

'When safety depends on the decisions you make'



MTL is the first supplier of process instrumentation to be certified as a Functional Safety Management (FSM) company.



# What it means to you

"IEC 61508 Part 1:2010 Clause 6, mandates that everyone involved in the safety systems lifecycle demonstrates Functional Safety Management"

## Ask for evidence of 'Functional Safety Management'.

The IEC 61508 group of standards require that your suppliers and sub-contractors demonstrate 'Functional Safety Management'. Certification of 'Functional Safety Management' or other appropriate proof is the first thing a purchaser should ask for.

### The important document to refer to is the Safety Manual

The IEC 61508 group of standards does not require certification for components. It does require proof of dependability and suitability for the application. A certificate alone is not proof of dependability and suitability for the application; the Safety Manual gives the designer of the safety loop the reliability data needed to correctly design the loop.

# Don't just believe an 'expert' is proof of 'Functional Safety Management'

The presence of a certified expert is not proof of 'Functional Safety Management'. 'Functional Safety Management' covers everybody involved, not just the expert, not just the technician, but everyone involved with the safety system.

# The Safety Integrity Level applies to the whole loop – not just a component

A claim that a component is 'SIL2' (or any other SIL number) does not mean that it makes your safety loop 'SIL2'. The SIL rating applies to the whole loop and not just to the individual components in the loop. MTL provides the data that enables loop operation to be assessed, including the systematic capability and not just hardware failure rates.

# Look for the right level of competence from your partner

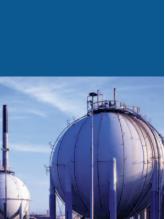
The commitment of MTL to Functional Safety Management ensures you are working with a company that understands and implements the requirements of the second edition of the standards, IEC 61508 : 2010. MTL supply products and documents fully compliant with the current edition of the international standards.



www.mtl-inst.com enquiry@mtl-inst.com

SIRA, a UKAS accredited body, has certified **MTL** (Measurement Technology Ltd) as being compliant with IEC 61508-1:2010.













### **Applicable products**

- Signal interfaces, IS barriers and isolators
- Fieldbus instruments and equipment
- Alarm systems and indicators
- Communication devices
- Instrument power supplies













'Safety instrumented systems are too important to leave to chance.'



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