

FUNCTIONAL SAFETY CERTIFICATE

This is to certify that the Functional Safety Capability of



Engineering Safety Consultants Ltd

*Tuition House
27-37 Saint George's Road
London
SW19 4EU*

has been assessed by Sira Certification Service
and found to comply with

IEC 61511 Part 1:2017 (Clause 5) Management of Functional Safety

When assessed using the

The CASS guide to Functional Safety Capability

The scope of the certification relates to the Company functional safety capability in respect of the Management of Functional Safety for:

- *IEC 61511-1 Functional Safety Assessment (Phase 10; clause 5)*
- *IEC 61511-1 Assessment to Safety Lifecycle Phase 1 (Clause 8), Phase 2 (Clause 9) and Phase 3 (Clause 10)*
- *IEC 61511-1 Verification of elements in respect of phase 4 (clauses 11.4, 11.5 and 11.9 only)*

Certification Decision:



James Lynskey
Product Group Manager - Functional Safety

This certificate may only be reproduced in its entirety without any change.



Certificate No: CASS 00025/00
Initial certification: 18 February 2019
This certificate issued: 18 February 2019
Renewal date: 17 February 2022
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Sira Certification Service
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Email: ukinfo@csagroup.org
Web: www.csagroupuk.org

SCHEDULE

Applicable lifecycle phases:

Functional Safety Capability of the Management of Functional Safety to:

- Undertake IEC 61511-1 phase 10 (clause 5): Functional Safety Assessment.
- Undertake, and verification of, IEC 61511-1 phases 1 [clause 8], 2 [clause 9] and 3 [clause 10] (Hazard and risk assessment; Allocation of safety functions to protection layers; SIS safety requirements specification).
- In addition to the above, verification of elements as per IEC 61511-1 clauses 11.4, 11.5 and 11.9 (Hardware fault tolerance, Requirements for selection of devices and Quantification of random failure).

General Information and Conditions of Certification

1. This certificate is based on Sira Test & Certification Assessment Reports R70197610B.
2. This certificate does not support assessment within the framework of IEC/ISO 17065.
3. Revisions to procedures that could have a significant impact on safety shall be reviewed by Sira before their application.
4. The certified company shall maintain its management of functional safety and associated procedures to the required standards which will be monitored and re-assessed by Sira.
5. If the management of functional safety and associated procedures are found not to comply, Sira Certification Service should be notified immediately at the address shown on this certificate.
6. This certificate will remain valid subject to completion of one surveillance audit within the three-year certification cycle, and upon receipt of acceptable response to any findings raised during this period. This certificate can be withdrawn if the manufacturer no longer satisfies scheme requirements.
7. The use of this Certificate and the Sira Certification Mark are subject to the 'Regulations Applicable to the Holders of Sira Certificates' and the 'Supplementary Regulations Specific to Functional Safety Certification'.
8. This document remains the property of Sira and shall be returned at the request of the issuer.

Certificate History

Issue	Date	Report no.	Comment
00	18/02/2019	R70197610B	Prime certificate issued to ESC



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