



FUNCTIONAL SAFETY CERTIFICATE

This is to certify that the

GQ-CE8900 Toxic Gas Detector

manufactured by

Gasensor Technology PTE. Ltd

71 Ubi Crescent,
#04-01 Excalibur Centre,
408571,
Singapore.

have been assessed by Sira Certification Service with reference to the
CASS methodologies and found to meet the requirements of

IEC 61508:2010 Routes 1_H & 1_S Systematic Capability (SC3)

as an element/subsystem suitable for use in safety related systems performing safety functions up to
and including

SIL 2 capable with HFT = 0 (1001)

when used in accordance with the scope and conditions of this certificate.

* This certificate does not waive the need for further functional safety verification to establish the
achieved Safety Integrity Level (SIL) of the safety related system


Certification Manager:

Initial Certification : 06/03/2018
This certificate issued : 27/07/2018
Renewal date : 19/07/2023

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



Certificate No.: Sira FSP 18003/02
Form 7016 issue 5



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Sira Certification Service Part of CSA Group UK

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