

Certificate



No.: 968/FSP 2337.00/22

Product tested Safety-Related Programmable Electronic System

Certificate holder Baker Hughes Company
1800 Nelson Rd
80501 Longmont
United States of America

Type designation Nexus Oncore SIL Fire and Gas Capable Control System,
Details see current Revision List

Codes and standards IEC 61508 Parts 1-7:2010 IEC 61326-3-1:2017
IEC 61131-2:2017 IEC 61010-1:2017 + Corr.1:2019

Intended application The Nexus Oncore SIL Fire and Gas Capable Control System comply with the requirements of the relevant standard (SIL 2/SC 3 according to IEC 61508) and can be used in applications up to SIL 2 (HFT=0) and SIL3 (HFT=1) according to IEC 61508 for low demand applications and high demand applications.
It can also be used in applications according to IEC 61511-1:2016 +Corr.1:2016+ AMD1:2017 up to SIL3. The product was also reviewed in reference to the requirements of EN 54-2:1997+AC:1999 +A1:2006, NFPA 72:2022, NFPA 85:2019, NFPA 86:2019 applicable during a type examination and can be used in application as such.

Valid until 2027-01-24

The issue of this certificate is based upon an evaluation in accordance with the Certification Program CERT FSP1 V1.0:2017 in its actual version, whose results are documented in Report No. 968/FSP 2337.00/22 dated 2022-01-18. This certificate is valid only for products, which are identical with the product tested.

TÜV Rheinland Industrie Service GmbH
Bereich Automation
Funktionale Sicherheit

Köln, 2022-01-24

Certification Body Safety & Security for Automation & Grid


Dipl.-Ing. (FH) Wolf Rückwart