



QPS Evaluation Services Inc
Testing, Certification and Field Evaluation Body
Accredited in Canada, the USA, and Internationally

File LR1192

CERTIFICATE OF COMPLIANCE
(ISO TYPE 3 CERTIFICATION SYSTEM)

Issued to	Scancon Encoders A/S
Address	Huginsvej 8 3400 Hilleroed Denmark
Project Number	LR1192-3R3
Product	Shaft and Hollow shaft Absolute Encoder
Model Number	SCA108EX; SCH108BEX; SCH108FEX
Ratings	Class I, Division 1, Groups CD T5 Class I, Division 2, Groups BCD T5 Class II, Division 1, Groups EFG Class II, Division 2, Groups FG Ex db IIB+H2 T5 Gb Ex tb IIIC T100°C Db Class I, Zone 1, Group IIB T5 Zone 21, Group IIIC AEx db IIB+H2 T5 Gb AEx tb IIIC T100°C Db $T_{Amb} = -40\text{ }^{\circ}\text{C to } +70\text{ }^{\circ}\text{C}$ 9 – 30 Vdc, Class 2; Power consumption: < 2 W; max. 3000 rpm Additionally the encoders meet IP65/66/67/68 in accordance to IEC 60529.
Applicable Standards	CAN/CSA 60079-0: 2015, CAN/CSA 60079-1:2016, CAN/CSA 60079-31:2016, CSA C22.2 No. 30-M1986, CSA C22.2 No. 25-1966 CSA C22.2 No. 142-M1987, CSA C22.2 No. 213-2017 ANSI/UL 1203 5 th Ed, UL 508 17 th Ed, ANSI/ISA 60079-0:2009, ANSI/ISA 60079-1: 2015, ANSI/ISA 60079-31: 2015; ANSI/ISA-12.12.01-2017
Factory/Manufacturing Location	Same as Applicant

Statement of Compliance: The products identified in this Certificate and described in the Report covered under the above referenced project number have been investigated and found to be in compliance with the relevant requirements of the above referenced standards. As such, they are eligible to bear the QPS Certification Mark shown below, in accordance with the provisions of QPS's Service Agreement.



Issued By: **Dave Adams, P. Eng.**
 Manager, Hazardous Locations Dept. [Ex. Equipment]

Signature:

Date: February 5, 2018