CSA INTERNATIONAL

Certificate of Compliance

Certificate: 1863602 **Master Contract:** 237481

Project: 2293925 **Date Issued:** 2010/04/12

Issued to: **INOR Process AB**

Slipstensgatan 6
Malmo, 223 76
Sweden
Attention: Gert Paulsson

The products listed below are eligible to bear the CSA Mark shown

Edward Foo, C.E.T.

Issued by: Edward Foo, C.E.T.

PRODUCTS

CLASS 2258 04 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For Hazardous Locations

Class I, Groups A, B, C & D:

• 4-20 mA Temperature Transmitter, Model IPAQ-HX, Intrinsically Safe with Entity Parameters Vmax = 30 V, Imax = 100 mA, Pmax = 900 mW, Ci = 0 uF, Li = 2.5 mH (Terminals 5 & 6) and Voc = 30 V, Isc = 25 mA, Ca = 0.12 uF, La = 56.8 mH (Terminals 1, 2, 3 & 4) per Installation Dwg. 3-7851. Temperature Code T4 at Ta = 80 ºC.

• Temperature Transmitter, Models APAQ-HRFX and APAQ-HCFX, Intrinsically Safe with Entity Parameters Vmax = 30 V, Imax = 100 mA, Pmax = 700 mW, Ci = 0 uF, Li = 0 mH (Terminals 4 & 5) and Voc = 30 V, Isc = 95.8 mA, Ca = 0.12 uF, Li = 4 mH (Terminals PL1, PL2 & PL3) per Installation Dwg. 3-7892. Temperature Code T4 at Ta = 80 ºC.

Class I, Groups A, B, C & D; Class II, Groups E, F & G; Class III:

• 4-20 mA Temperature Transmitter, Model IPAQ-LX, associated apparatus with Intrinsically Safe output with Entity Parameters Vmax = 30 V, Imax = 100 mA, Pmax = 900 mW, Ci = n/a, Li = n/a (Terminals 5 & 6) and Voc = 30 V, Isc = 25 mA, Ca = 0.12 uF, Li = 56.8 mH (Terminals 1, 2, 3 & 4) per Installation Dwg. 3-7852.

Note: Transmitter is installed in safe area.

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Class I, Groups A, B, C & D; Class II, Group G; Class III:

• Temperature Sensor, Model MESO-HX, Intrinsically Safe with Entity Parameters Vmax = 30 V, Imax = 100 mA, Pmax = 900 mW, Ci = 0 uF, Li = 0 mH (Terminals PL5 & PL6) and Voc = 30 V, Isc = 25 mA, Ca = 0.12 uF, Li = 56.8 mH (Terminals PL1, PL2, PL3 & PL4) per Installation Dwg. 3-7967. Temperature Code T4 at Ta = 80 ºC.

APPLICABLE REQUIREMENTS

CAN/CSA C22.2 No. 0-M91 (R2001) - General Requirements - Canadian Electrical Code, Part II

CSA Std. C22.2 No. 25-1966 (R2004) - Enclosures for Use in Class II, Groups E, F and G Hazardous Locations

CSA Std. C22.2 No. 142-M1987 (R2004) - Process Control Equipment

CAN/CSA-C22.2 No. 157-92 (R2006) - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations