



Member of the FM Global Group

FM Approvals
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CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

TQ-ab-cde. Electric Actuator.

XP / I / 1 / CD / T4; I / 1 / AEx d IIB / T4; Type 6 / IP68

a = Model Number: 010, 020, 040, 060, 080, 120, 200 or 300.

b = Model Type: none or i.

c = Control Type: DA, DAC, DAE, DB, DBC, DE, DPR, DMO, DFF or DHA.

d = Motor (W): When a = 010: 15.0.

When a = 020, 040: 40.

When a = 060, 080, 200: 90.

When a = 120, 300: 180.

e = Voltage: 100Vac (1ph), 110Vac (1ph), 120Vac (1ph), 130Vac (1ph), 200Vac (1ph), 220Vac (1ph), 230Vac (1ph), 240Vac (1ph), 220Vac (3ph), 380Vac (3ph), 400Vac (3ph), 415Vac (3ph), 440Vac (3ph), 460Vac (3ph) or 480Vac (3ph).

Equipment Ratings:

As Explosionproof for Class I, Division 1, Groups C and D T4; and Flameproof for Class I, Zone 1, AEx d IIB T4 for hazardous (classified) locations, indoors and outdoors, Type 6, IP68, with ambient temperature range of $T_a = -20^{\circ}\text{C}$ to $+40^{\circ}\text{C}$ for use in the United States.

FM Approved for:

Enertork Ltd
Yeosu-Gun, Gyeonggi-Do, Republic of Korea



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This certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

Class 3600	2011
Class 3615	2006
Class 3810	2005
ANSI/NEMA 250	2003
ANSI/IEC 60529	2004
ANSI/ISA 60079-0	2009
ANSI/ISA 60079-1	2009

Original Project ID: 3043316

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Subsequent Revision Reports / Date Approval Amended

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3054054	June 19, 2015		

FM Approvals LLC

J.E. Marquedant
Manager, Electrical Systems

19 June 2015

Date