



FM Approvals
1151 Boston-Providence Turnpike
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CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

ICON-a-bc/d-e, ICON2000 Series Electric Valve Actuators.

XP/II/1/CD/T4A Ta =60°C, T4 Ta=70°C; DIP/II,III/1/EFG/T4A Ta =60°C, T4 Ta=70°C ;Type 4, 4X and 6

- a = Gear Reducer BGR-M, SGR-M, WGR-M, ELGA-M or blank (when mounted directly).
- b = Model identification 010, 020, 030, 040 or 050.
- c = Linear actuator L or blank.
- d = Torque (in Nm)/Thrust (in KN): four digits up to 1440/six digits up to 334000
- e = Output speed (in RPM) or Operation time (in secs.) or Linear speed (in MM/secs): three digits to 173 or four digits to 1000.

Equipment Ratings:

The ICON2000 Series Electric Valve Actuators are FM Approved as Explosionproof for use in Class I, Division 1, Groups C and D; Dust-Ignitionproof for use in Class II, III, Division 1, Groups E, F and G hazardous (classified) locations, indoors and outdoors (NEMA Type 4, 4X and 6). The ICON2000 Series Electric Valve Actuators are rated in either a maximum ambient temperature of 60°C with a temperature code of T4A or a maximum ambient temperature of 70°C with a temperature code of T4.

Approved for:

Biffi Italia srl
29017 Fiorenzuola d'Aria
Piacenza, Italy



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

Class 3600	1998
Class 3615	1989
Class 3810	1989
Supplement 1	1995
NEMA 250	1991

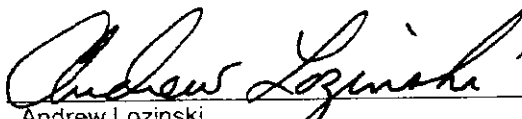
Original Project ID: 3011507

FM Approval Granted: March 17, 2003

Subsequent Revision Reports / Date FM Approval Amended

Report Number	Date	Report Number	Date
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FM Global Technologies LLC



Andrew Lozinski
Technical Team Manager



Date

FM Global Enterprise