

FM Approvals  
1151 Boston Providence Turnpike  
P.O. Box 9102 Norwood, MA 02062 USA  
T: 781 762 4300 F: 781-762-9375 www.fmapprovals.com



# CERTIFICATE OF COMPLIANCE

## HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

***IQFM, Type IQabc, Electric Valve Actuators.***

XP / I / 1 / CD / T\* Ta = 60°C; XP / I / 1 / BCD / T\* Ta = 60°C; DIP / II / 1 / EFG / T\* Ta = 60°C; Type 6.  
a = Size 10, 12, 18, 20, 25, 35, 40, 70, 90, 91, 95, D10, D12, D18, D20, D25, H20, H25, H35, H40, S12, S20, S35, M10, M12, M20, M25 or M35 (D10-D25 is not for use in Group B atmospheres).

b = Bases F10, FA10, F14, FA14, F16, FA16, F25, FA25, F30, FA30, G0, G1, G2, G3, G4 or G5.

c = Coupling A, AZ, Z, Z3, B1, B3, B4, B, C, D or E.

***Special Condition of Use:***

*\*T4 temperature code rating when valve actuator motors are protected with 130°C or 132°C rated thermal cutouts, and T4A temperature code rating when valve actuator motors are protected with 120°C rated thermal cutouts.*

### Equipment Ratings:

Explosionproof for Class I, Division 1, Groups B, C and D, and Dust-ignitionproof for Class II, III, Division 1, Groups E, F and G, hazardous (classified) locations, indoors/outdoors (Type 6), with a Temperature code of T4 (when protected using 130°C or 132°C rated thermal cutout devices) or T4A (when protected using 120°C rated thermal cutout devices) for a 60°C maximum ambient temperature.

### FM Approved for:

Rotork Controls Ltd  
Brassmill Lane  
Bath, BA1 3JQ  
England



Member of the FM Global Group

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

|               |      |
|---------------|------|
| Class 3600    | 1998 |
| Class 3615    | 2006 |
| Class 3810    | 2005 |
| ANSI/NEMA-250 | 1991 |

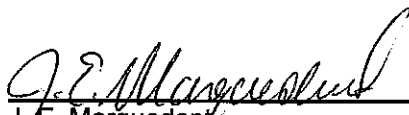
Original Project ID: 3003575

Approval Granted: March 5, 2001

Subsequent Revision Reports / Date FM Approval Amended

|         |                   |
|---------|-------------------|
| 3011699 | August 16, 2001   |
| 3011580 | October 29, 2001  |
| 3012660 | February 28, 2002 |
| 3012659 | June 26, 2002     |
| 3021407 | August 27, 2004   |
| 3026098 | April 21, 2006    |
| 3027295 | July 7, 2006      |
| 3033030 | May 6, 2008       |
| 3034405 | October 10, 2008  |
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FM Approvals LLC

  
J. E. Marquedant  
Group Manager

1 August 2010  
Date