

420-0004-348		Sht. of	1 2	APP'D BY SGA
ISSUE	EDO NO	APP'D	DATE	
1	12-06-108	SGA	12/20/06	
2	3-07-111	SGA	3-16-07	



Member of the FM Global Group

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

# CERTIFICATE OF COMPLIANCE

## HAZARDOUS LOCATION ELECTRICAL EQUIPMENT PER CANADIAN REQUIREMENTS

This certificate is issued for the following equipment:

**DM231XaEbcFdeHEXfghij Magnetostrictive Level System**

XP/ I/ 1/ ABCD/ T4 Ta=-40°C to +125°C; DIP/ II, III/ EFG/ T4 Ta=-40°C to +125°C,  
 Type 4X/IP66

- a = Style/ Connector: D or S.
- b = Span: any three figure number (000 to 999).
- c = Temperature Points: R1, R5.
- d = Output signal (Qty. Floats): 1 or 2.
- e = Length: any three figure number (000 to 999).
- f = Float Kit 1: 0-3.
- g = Float Kit 2: 0-3.
- h = Mounting 1: 0 or 1.
- i = Mounting 2 0 or 1.
- j = Accessories: 0 or 1.

**DM330XaEbF1cHY Magnetostrictive Level System**

XP/ I/ 1/ ABCD/ T4 Ta=-40°C to +70°C; DIP/ II, III/ EFG/ T4 Ta=-40°C to +70°C,  
 Type 4X/IP66

- a = Style/ Connector: D or S.
- b = Overall length: any three figure number (000 to 999).
- c = Float type: three characters.

**Equipment Ratings:**

The DM231X and DM330X Magnetostrictive Level System are suitable for use in Class I, Division 1, Groups A, B, C, and D: suitable for use in Class II/ III, Division 1, Groups E, F and G, T4 Ta= -40°C to +125°C hazardous locations with an indoor/outdoor environmental rating of Type 4X/IP66.

FM Approved for:

Ametek Drexelbrook  
 Horsham, PA



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

C22.2 No. 0.4	1982
C22.2 No. 0.5	1982
C22.2 No. 25	1966
C22.2 No. 30	1988
C22.2 No. 94	1991
C22.2 No.142	1990
C22.2 No. 60529	2005

Original Project ID: 3028496C

Approval Granted:

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
070222	<i>March 8, 2007</i>		

FM Approvals LLC

Richard P. Ferron  
Group Manager

*March 8, 2007*  
Date