



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:

SB2-d, SB4-a, SB5-a, SB6-b, SB7-b, SB8-b, PCB-g, PCBB-g, PCBC-g, PC1-b, PC22-b, PC42-b, PC46-g, PC60-g, RC1-d, PBx-e, SLB-f, SB14-a, SB15-a, PC6-b, RC2-d, PC2-g, RC3-d, ZLB-b, HM1-g, PC3-b, BK2-a, DSB2-h, DSB5-h, CPB-e. Load Cells.

UB1-a, UB5-a, UB6-b, UB7-b, ULB-a. ULG-i. Force Transducer.

IS/I,II,III/ABCDEFG/T4 — 3-21457; Entity

Entity Parameters:

V_{max} = 29.9Vdc, I_{max} = 450mA, C_i = 0, L_i = 0.

a = Capacity: between 100kg and 10T; 200lb and 20klb; 1kN and 100kN.

b = Capacity: between 5kg and 500kg; 10lb and 1klb; 50N and 5kN.

d = Capacity: between 5 klb and 500 klb; 2 ton and 250 ton; 20 kN and 2.5 MN.

e = Capacity: any between 0.5 kg and 2500 kg; 1 lb and 5 klb; 5 N and 25 kN.

f = Capacity: between 200lb and 20klb; 100kg and 10000kg; 1kN and 100kN.

g = Capacity: between 20kg and 1000kg; 50lb and 2000lb; 200N and 10kN.

h = Capacity between 100kg and 100T; 200lb and 200klb; 1kN and 1MN.

i = Capacity between 100lbs and 10klbs.

x = Customer: F, M, N or W.

Equipment Ratings:

Intrinsically Safe (Entity) for use in Class I, II, III, Division 1, Groups A, B, C, D, E, F and G; Temperature Class T4 Ta = 40°C; when installed per Control Drawing 3-21457 Hazardous (Classified) Locations.

FM Approved for:

Flintec, Inc.
Hudson, MA



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

Class 3600	1998
Class 3610	2010
Class 3810	1989
Including Supplement #1	1995

Original Project ID: 0Z6A4.AX

Approval Granted: December 30, 1995

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
1B7A7.AX	May 8, 1996		
0D4A1.AX	February 4, 1997		
3004319	July 20, 1999		
3008670	September 28, 2000		
030807	August 22, 2003		
051006	December 14, 2005		
061129	December 6, 2006		
070726	August 20, 2007		
3042025	December 27, 2011		

FM Approvals LLC

J. E. Marquedant
Group Manager, Electrical

27 December 2011
Date