



FM Approvals
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CERTIFICATE OF COMPLIANCE

HAZARDOUS LOCATION ELECTRICAL EQUIPMENT PER CANADIAN REQUIREMENTS

This certificate is issued for the following equipment:

83abc Square Head Stopping Plugs.

XP / I / 1 / ABCD / Ta = -50°C to 85°C; DIP / II, III/ 1/ EFG / Ta = -50°C to 85°C. TYPE 4X.

a = Material of Construction: T, A, or R.

b = Thread Type: 19, 20, or 21.

c = Certifications: E or M.

86abc Hexagonal Head Stopping Plugs.

XP / I / 1 / ABCD / Ta = -50°C to 85°C; DIP / II, III/ 1/ EFG / Ta = -50°C to 85°C. TYPE 4X.

a = Material of Construction: T, A, or R.

b = Thread Type: 19, 20, or 21.

c = Certifications: E or M.

87abc Externally Accessible Dome Head Stopping Plugs.

XP / I / 1 / ABCD / Ta = -50°C to 85°C; DIP / II, III/ 1/ EFG / Ta = -50°C to 85°C. TYPE 4X.

a = Material of Construction: T, A, or R.

b = Thread Type: 19, 20, or 21.

c = Certifications: E or M.

88abc Internally Accessible Head Stopping Plugs.

XP / I / 1 / ABCD / Ta = -50°C to 85°C; DIP / II, III/ 1/ EFG / Ta = -50°C to 85°C. TYPE 4X.

a = Material of Construction: T, A, or R.

b = Thread Type: 19, 20, or 21.

c = Certifications: E or M.

89abc Externally Accessible Head Stopping Plugs.

XP / I / 1 / ABCD / Ta = -50°C to 85°C; DIP / II, III/ 1/ EFG / Ta = -50°C to 85°C. TYPE 4X.

a = Material of Construction: T, A, or R.

b = Thread Type: 19, 20, or 21.

c = Certifications: E or M.



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Equipment Ratings:

The Internally Accessible Head, Externally Accessible Dome Head, Externally Accessible Head, Hexagonal Head, and Square Head Stopping Plugs 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, hazardous (classified) locations, indoors and outdoors (Type 4X).

FM Approved for:

International Metal Engineering PTE. LTD.
Blk 13 TOA Payoh Lorong 8
#06-05 Braddell Tech Park
Singapore 319261



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

C22.2 No. 0.-M91	2001
C22.2 No. 25	2004
C22.2 No. 30	2003
C22.2 No. 94	2001

Original Project ID: 3037797C

Approval Granted: *April 21, 2010*

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
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FM Approvals LLC

Robert L. Martell, Jr.
Assistant Vice President

April 21, 2010

Date