

FM Approvals
1151 Boston Providence Turnpike
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CERTIFICATE OF COMPLIANCE

HAZARDOUS LOCATION ELECTRICAL EQUIPMENT PER CANADIAN REQUIREMENTS

This certificate is issued for the following equipment:

210abcdefgh Flow Meter

XP/ I/ 1/ BCD/ T6 Ta=60°C; XP/ I/ 1/ IIB + H₂/ T6 Ta=60°C; DIP/ II, III/ EFG/ T6 Ta=60°C; Type 4X.

a= Enclosure and Display Selections: X, XD, XT, or XDT.

b= Sensor Type/Size: NPT/2I, BF/2I, TU 1/16-1/2, or TUL 1/16-1/4.

c= Sensor Materials/Options: Stainless Steel, Hastelloy C-276, Alloy20 or Monel.

d= Stream Temperature: 0-150°F, 151-350°F, 351-500°F, or above 500°F.

e=End Fittings (for TU transducers): MNPT, Forged ANSI Rated Flanges.

f= Operating Pressure: TU or TUL= 6000psi, 4500psi, 3250psi, 2500psi, or 2250psi.

Insertion Probe= 1500psi.

g= Output Options: 4/20, 0/5, 0/10, RS.

h= Additional Options: SWn, ER, HPC, or FM.

Electrical Ratings: Rated Voltage 24 VDC.

Equipment Ratings:

The Model 210 Flow Meters are suitable for use in Class I, Division 1, Groups B, C, and D; suitable for use in Class I, Zone 1, IIB+H₂; suitable for use in Class II/ III, Division 1, Groups E, F and G, T6 Ta= 60°C Hazardous Locations with an indoor/outdoor environmental rating of Type 4X.

FM Approved for:

Intek Inc.
Westerville, Ohio



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:

C22.2 No. 04	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


Original Project ID: 3024509C

Approval Granted: June 30, 2006

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
090415	May 8, 2009		

FM Approvals LLC


Richard P. Ferron, P.E.
Assistant Vice President


Date