



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:

### **210abcdefgh Flow Meter**

XP/ I/ 1/ BCD/ T6 Ta=60°C; XP/ I/ 1/ IIB + H<sub>2</sub>/ 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 1/16-1/4, or TUL 1/16-1/4.

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

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

e=End Fittings (for TU transducers): MNPT, 316SS 150LB Flange, 316SS 300LB Flange.

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

Insertion Probe= 1500psi.

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

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+H<sub>2</sub>; suitable for use in Class II/ III, Division 1, Groups E, F and G, T6 Ta= 60°C Hazardous (Classified) Locations with an indoor/outdoor environmental rating of Type 4X.

### FM Approved for:

Intek Inc.  
Westerville, Ohio

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: 3024509

Approval Granted: *June 30, 2006*

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
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FM Approvals LLC

  
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Andrew Lozinski  
Technical Team Manager

*July 12, 2006*  
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Date