



Certificate of Compliance

Certificate: 1516888 (LR 105802-3)

Master Contract: 162767

Project: 1773917

Date Issued: 2006-03/22

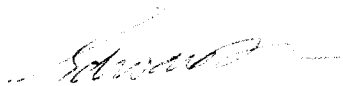
Issued to: KROHNE, Inc.

7 Dearborn Rd
Peabody, MA 01960
USA
Attention: Mr. Rick Loiselle

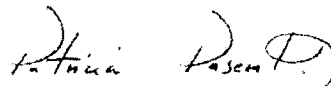
The products listed below are eligible to bear the CSA Mark shown



Issued by:


E. Foo, C.E.T.

Authorized by: Patricia Pasemko, Operations
Manager



PRODUCTS

CLASS 2258 03 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non -
Incendive Systems - For Hazardous Locations

Class I, Div. 2, Groups A, B, C and D; Class II, Div. 2, Groups F and G; Class III.

- Altoflux Magnetic Flowmeter, Model IFM 4080 and IFM 5080; input rated 115/230V ac, 50/60Hz, 13VA or 24V dc, 8W; providing non-incendive circuits to integral process electrodes, when installed per Krohne Control Drawing 8.30525.20 and 8.30525.16 (for Primary Head remotely connected to IFC 090F); Max. Ambient 60°C; MWP 580 psi (40 bar); Encl. Type 4X, 6.

Magnetic Flowmeter system, consisting of Electromagnetic Signal Converter, Model IFC 090F; input rated 115/230V ac, 50/60Hz, 13VA or 24V dc, 8W; and Altoflux Primary Head, Model IFS 4000 and IFS 5000;



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MWP 580 psi (40 bar); Max. Ambient 60°C; Encl. Type 4X, 6 and 6P (for remote connection box with Primary Head).
Note: Primary Head Electrode circuits are Non-Incendive.

APPLICABLE REQUIREMENTS

CAN/CSA- C22.2 No. 94-M91 - Special Purpose Enclosures

CSA Std C22.2 No. 142-M1987 - Process Control Equipment

CSA Std C22.2 No. 213-M1987 - Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations

MARKINGS

- CSA monogram;
- Company name;
- Model number;
- Serial number;
- Electrical rating;
- Hazardous location designation;
- Special purpose enclosure designation, "Type 4X, 6 and 6P";
- Maximum ambient;
- Maximum Working Pressure Rating;
- Caution re. Substitution of Components;
- Caution re. Disconnection of Circuits.

Note: Jurisdictions in Canada may require these markings to be also in French. It is the responsibility of the Customer to provide bilingual marking, where applicable, in accordance with the requirements of the Provincial Regulatory Authorities.



Supplement to Certificate of Compliance

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The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
1773917	2006/03/22	Update to include enclosure Type 4X and 6P ratings with FM Revision Test Report.
1567114	2004/06/22	Update to Report 1516888 to Include Type 4X Rating for Installation in Explosion-Proof Hazardous Location
1516888	2004/04/13	Update to cover alternate drawings.

History

-3	1998/07/20	Original Certification.
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