



Certificate of Compliance

Certificate: 1631873

Master Contract: 162767

Project: 1868268

Date Issued: 2007/01/08

Issued to: KROHNE, Inc.
7 Dearborn Rd
Peabody, MA 01960
USA
Attention: Rick Loiselle

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US'



Issued by: Sam Zaffino, C.E.T.

Authorized by: Nick Alfano, Operations Manager

PRODUCTS

CLASS 2252 83 - PROCESS CONTROL EQUIPMENT - Certified to US Standards
CLASS 2252 03 - PROCESS CONTROL EQUIPMENT

Signal Converters for Electromagnetic Flowmeters Models: IFC 090 K and IFC 090 F; rated 115/120Vac, 48-63Hz, 10VA, or 24Vac/dc, 48-63Hz, 8Watts, Enclosures rated Type 6 and Type 6P/IP68 for IFS x000 (x = 1 to6) remote SS connection box, all outputs SELV, ambient -25 to 60 Deg C, Pollution Degree 2.

Family Name Model (C or K for compact or F for field remote)

Ecoflux IFM 1080 K, IFM 1080 F, OPTIFLUX 1080 F or C

The 'C' and 'US' indicators adjacent to the CSA Mark signify that the product has been evaluated to the applicable CSA and ANSI/UL Standards, for use in Canada and the U.S., respectively. This 'US' indicator includes products eligible to bear the 'NRTL' indicator. NRTL, i.e. National Recognized Testing Laboratory, is a designation granted by the U.S. Occupational Safety and Health Administration (OSHA) to laboratories which have been recognized to perform certification to U.S. Standards.



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Ecoflux	IFS 1000 F, OPTIFLUX 1000 F
Aquaflux	090 K, 090 F
Aquaflux	K, F
Altoflux	IFS 2000 F, OPTIFLUX 2000 F
Altoflux	IFM 2080 K, IFM 2080 F, OPTIFLUX 2080 F or C
Altoflux	M900
Altoflux	IFM 4080 K, IFM 4080 F, OPTIFLUX 4080 F or C
Altoflux	IFS 4000 F, OPTIFLUX 4000 F
Enviromag	IFS 4000 KC (X represents frequency and may be a number from 1.66 to 30Hz), OPTIFLUX 2000 KC F, OPTIFLUX KC 2080 F or C, OPTIFLUX 2080 KC F or C, OPTIFLUX KC 2000, ENVIROMAG 2000 F CSA, IFM 4000 KC, IFM 4080 KC K, IFM 4080 KC F
Profiflux	IFM 5080 K, IFM 5080 F, OPTIFLUX 5080 F or C
Profiflux	IFS 5000 K, IFM 5000 F, OPTIFLUX 5000 F
Variflux	IFM 6080 K, IFM 6080 F, OPTIFLUX 6080 F or C
Variflux	IFS 6000 F, OPTIFLUX 6000 F

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 1010.1-92 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements.

CAN/CSA-C22.2 No. 1010.1B-97 -Amendment 2 to CAN/CSA-C22.2 No. 1010.1-92, Safety Requirements for Electrical Equipment for Measurement Control, and Laboratory Use, Part 1: General Requirements

ANSI/ISA S82.02.01 1999 - Safety Standards for Electrical and Electronic Test, Measuring, Controlling and Related Equipment - General Requirements



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
1868268	2007/01/08	Update to Report 1631873 to Complete Evaluation to ISA S82.01
1813716	2006/07/18	Update to CSA report 1631873 to cover typo error and model deletion. Legacy no. 105802
1785652	2006/04/25	Update to CSA report 1631873 to cover alternate model names and Enclosure ratings
1724269	2005/10/19	Update to report 1631873 to cover additional similar models
1631873	2005/02/18	Model IFC 090 to C22.2 No 1010.1

History

1631873 February 18, 2005 Original Certification



Descriptive Report and Test Results

MASTER CONTRACT: 162767

REPORT: 1631873

PROJECT: 1868268

Edition 1: February 18, 2005; Project 1631873 - Toronto
Issued by S. Zaffino, C.E.T.

Edition 2: October 19, 2005; Project 1724269 - Toronto
Issued by S. Zaffino, C.E.T.

Edition 3: April 25, 2006; Project 1785652 - Toronto
Issued by S. Zaffino, C.E.T.

Edition 4: July 18, 2006; Project 1813716 - Toronto
Issued by S. Zaffino, C.E.T.

Report pages reissued

Edition 5: January 8, 2007; Project 1868268 - Toronto
Issued by S. Zaffino, C.E.T.

Report pages reissued

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CSA Main Files (Toronto):1010.1 Verification Report and Test Data

PRODUCTS

CLASS 2252 03 - PROCESS CONTROL EQUIPMENT

CLASS 2252 83 - PROCESS CONTROL EQUIPMENT - CERTIFIED TO U.S. STANDARDS

Signal Converters for Electromagnetic Flowmeters Models: IFC 090 K and IFC 090 F; rated 115/120Vac, 48-63Hz, 10VA, or 24Vac/dc, 48-63Hz, 8Watts, Enclosures rated Type 6 and Type 6P/ IP68 for IFS x000 (x =suffix 1 to 6) remote SS connection box, all outputs SELV, ambient -25 to 60 Deg C, Pollution Degree 2.

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