BATCHFLUX

CRN Approval

- BATCHFLUX
- addendum 1
- addendum 2: 5X00 added

© KROHNE 09/2010
I, Cor Schellaars,

chief engineer

(company title, e.g. vice president, plant manager, chief engineer) (must be in a position of authority)

of KROHNE Altometer

(name of manufacturer)

located at Kerkeplaat 12 Dordrecht, The Netherlands, (PO box 110 zip code 3300AC Dordrecht

(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act
(check one)

☐ comply with the requirements of  

(title of recognized North American Standard) which specifies the dimensions, materials of construction, pressure/temperature ratings and identification marking of the fittings, or

☒ are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with ASME VIII div.1/ASME B31.3 as supported by the attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, LRQA as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are (Meas dev.cat.F)

In support of this application, the following information, calculations and/or test data are attached:

See page 2 "Statutory Declaration Registration of fittings Batchflux add 2 to 0F11891"

DECLARED before me at Sliedrecht in the 4th of April, 2010

(Signature of Applicant)

Notary Public in Hardship

For Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Clause 4.2, and is accepted for registration in Category

Registration Number: 0F11891.52

Date Registered: JUN 01 2010

Expiry Date: OCT 22 2017

The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Boiler Discipline.
Statutory Declaration Registration of Fittings Batchflux

Addendum 2 to 0F11891.
Page 2

On behalf of KROHNE Altometer we are applying for an CRN Design Registration for our magnetic inductive flow meters as described within.

Product model names to be registered include:
Batchflux 5x00

Please note that the product names listed above have exact same flow-tube therefore the same exact design, etc. The reason for multiple Product names is that the flow-tube can be configured with different electronic signal converters mounted on top of the flow-tube. Therefore Batchflux 5x00 have the same flow-tube as already under registration 0F11891 but different electronic signal converter mounted to the top of the flow-tube. Thus they have different product names and labels.

By including all product label names in our CRN, the local inspector will not be confused when inspecting a meter and the corresponding CRN document.

End of page 2.
June 01, 2010

Tanya Francis
TECHNICAL STANDARDS & SAFETY AUTHORITY
3300 BLOOR STREET WEST
14 FLOOR CENTRE TOWER
TORONTO, ON M8X 2X4

Dear Tanya Francis,

The design submission, tracking number 2010-02707, originally received on May 07, 2010 was surveyed and accepted for registration as follows:

CRN : 0F11891.52
Reg Type : Addition to Acc. Fitting
Drawing No. : ADDENDUM 2 ATTACHED TO S.D. FORM
Fitting Desc: BATCHFLUX 5X00

Design registered in the name of : KROHNE ALTOMETER

The registration is conditional on your compliance with the following notes:

This registration is valid until the indicated expiry date only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date. Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

Scope of registration: adding product name for different electronic signal converter.

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

Enclosed are stamped prints for your reference.

Sincerely,

[Signature]

FOK, PO, P. Eng.
Design Survey Engineer
Attn: TANYA FRANCIS
Re: Application for Design Registration
The design, as detailed in your, TSSA Service Request No. 380446, for a Fitting is accepted for registration as follows:
Registered To: KROHNE ALTIMETER

CRN: 0F11891.51 (ADD2)

Conditions of Registration:
Add trade name BATCHFLUX 5x00 models of magnetic inductive flow meters to scope of existing registration.
This registration expires on October 22, 2017.

An invoice for $151.20 will follow.
Contact me if you have any questions.

HEYE KLAVER
(778) 396-2030
Heye.Klaver@safetyauthority.ca
Design Engineer

CC:
STATUTORY DECLARATION
Registration of Fittings

I, Cor Schellaars, Chief Engineer
of Krohne Altimeter

Located at Kerkeplaat 12, Dordrecht, the Netherlands 0031 78 630 6354

☐ do solemnly declare that the fittings listed hereunder, which are subject to the Technical Standards and Safety Act, Boilers and Pressure Vessels Regulation, comply with all of the requirements of

☐ or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with ASME VIII div.1 / ASME B31.3, as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001 which has been verified by the following authority: LRQA.

The items covered by this declaration, for which I seek registration, are category meas. dev. Cat. F type fittings. In support of this application, the following information and/or test data are attached as follows:

See page 2 of Statutory Declaration Registration of Fittings - Batchflux add2 to OF1891
(drawings, calculations, test reports, etc.)

Declared before me at Sliedrecht in the of
the ______ day of April AD 2010.

Commissioner for Oaths:

Printed name

(Signature)

(Signature of Declarer)

FOR OFFICE USE ONLY

To the best of my knowledge and belief, the application meets the requirements of the Technical Standards and Safety Act, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category IF.

CRN: CSA-OF1891, 56ADD2*
Registered by: Bikramjit S. Sandhu, P.Eng
Dated: 17 May 2010

NOTE: This registration expires on OCTOBER 22, 2017

*Note: See the attachment for the scope of registration. Addition of the model name "Batchflux 5x00"
On behalf of KROHNE Altimeter we are applying for an CRN Design Registration for our magnetic inductive flow meters as described within.

Product model names to be registered include:
Batchflux 5x00

Please note that the product names listed above have exact same flow-tube therefore the same exact design, etc. The reason for multiple Product names is that the flow-tube can be configured with different electronic signal converters mounted on top of the flow-tube. Therefore Batchflux 5x00 have the same flow-tube as already under registration 0F11891 but different electronic signal converter mounted to the top of the flow-tube. Thus they have different product names and labels.

By including all product label names in our CRN, the local inspector will not be confused when inspecting a meter and the corresponding CRN document.

End of page 2.
UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK  NOVA SCOTIA  PRINCE EDWARD ISLAND  NEWFOUNDLAND AND LABRADOR

NONAVUT  YUKON  NORTWEST TERRITORIES

MANUFACTURER'S NAME: Krohne Altimeter

MANUFACTURER'S ADDRESS: Kerkeplaet 12, Dordrecht, the Netherlands

PLANT LOCATIONS: See above

CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY
A Pipe fittings, including couplings, tees, elbows, Y’s, plugs, unions, pipe caps, or reducers
B Flanges: all flanges
C Valves: all line valves
D Expansion joints, flexible connections, and hose assemblies: all types
E Strainers, filters, separators, and steam traps
F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters
G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs
H Pressure retaining components that do not fall into one of the above categories
N Nuclear components: Class 1 ☐ Class 2 ☐ Class 3 ☐ (Meeting ASCE or ASME requirements)

SHOW MANUFACTURER'S NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

KROHNE

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

See page 2

"Statutory Declaration Registration of fittings Batchflux add2 to OF11891"

DECLARATION:

I, John van der Graaf (see note 3) employed by KROHNE Altimeter and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is subject to a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by the LMC as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer:

Declared before me at St. John's, AD 2010

This 15th day of April, AD 2010

Commissioner of Oaths or Notary Public: (sign)

This space for Regulatory Authority use

This registration must be revalidated after ten (10) years from the date of registration.

CRN: OF11891.5 Add 2

FID#: 2015

Notes:
1. All fittings shall be registered in the name of the Manufacturer.
2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.
UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

MANUFACTURERS NAME: Krohne Altemeter
MANUFACTURERS ADDRESS: Kerkeplaat 12, Dordrecht, the Netherlands
PLANT LOCATIONS: See above

CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY
A. Pipe fittings, including couplings, tees, elbows, Vs, plugs, unions, pipe caps, or reducers
B. Flanges: all flanges
C. Valves: all line valves
D. Expansion joints, flexible connections, and hose assemblies: all types
E. Strainers, filters, separators, and steam traps
F. Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters
G. Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs
H. Pressure retaining components that do not fall into one of the above categories
I. Nuclear components: Class 1 ☐ Class 2 ☐ Class 3 ☐, (Meeting AEC or ASME requirements)

SHOW MANUFACTURER'S NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

KROHNE

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

See page 2

"Statutory Declaration Registration of fittings Batchflux add2 to OF11891"

DECLARATION:
John van der Graaf, [see note 3] employed by KROHNE Altemeter, and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by [LRQA], as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if sworn under oath.

Signature of Declarer:
[Signature]

Declared before me at ____________________________
This ___ day of __________, AD ______

Commissioner of Oaths
[Signature]

The space for Regulatory Authority use

This registration must be revalidated after ten (10) years from the date of registration.

CRN: OF11891.5 Add 2
FID#: 2015

Notes:
1. All fittings shall be registered in the name of the Manufacturer.
2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.
UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

MANUFACTURER'S NAME: Krohne Alpometier
MANUFACTURER'S ADDRESS: Kerkeplaat 12, Vorden, the Netherlands
PLANT LOCATIONS: See above

CATEGORY OF FITTINGS TO BE REGISTERED:
A. Pipe fittings, including couplings, tees, elbows, Y- or plug-type, union pipe caps, or reducers
B. Flanges: all flanges
C. Valves: all line valves
D. Expansion joints, flexible connections, and hose assemblies: all types
E. Strainers, filters, separators, and steam traps
F. Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters
G. Certified capacity-related pressure relief devices accepted as primary over pressure protection on boilers, pressure vessels, piping, and fuel pumps
H. Pressure retaining components that do not fall into one of the above categories
I. Nuclear components: Class 1 [ ] Class 2 [ ] Class 3 [ ] (Meeting AECB or ASME requirements)

MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT:

KROHNE

TRY OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

See page 2

Statutory Declaration Registration of Fittings Batch No. 11891.

DECLARATION:

John van der Graaf, (name) employed by Krohne Alpometier and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by ASME, as being suitable for the purpose and as meeting the Code under oath.

Signature of Declarer: ____________________________

Declared before me at ____________________________

This _______ day of April, AD 2015

Commissioner of Oaths or Notary Public (sign)

This space for Regulatory Authority use

CRN: 0P11891.5 Add 2

FID#: 2015

Notes:
1. All fittings shall be registered in the name of the manufacturer.
2. Each category shall be supported with two statutory declaration forms and one copy of supporting documentation.
3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
4. Quality control programs shall be subject to validation at a maximum interval of five (5) years.

UNDER THE AUTHORITY OF THE BOILER AND PRESSURE VESSEL ACT.

C.R.N. 0P11891.5 Add 2

Signed: ____________________________

MAR 19/10
UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTINGS DESIGNS

NEW BRUNSWICK  NOVA SCOTIA  PRINCE EDWARD ISLAND  NEWFOUNDLAND AND LABRADOR
     YUKON  NORTHWEST TERRITORIES

MANUFACTURERS NAME: Krohne Alometar

MANUFACTURERS ADDRESS: Kerkenrak 23, Norderf, the Netherlands

PLANT LOCATIONS: See above

CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY
A. Pipe fittings, including couplings, tees, elbows, 90°, plug, unions, pipe caps, or reducers
B. Flanges: all flanges
C. Valves: all line valves
D. Expansion joints, flexible connections, and hose assemblies: all types
E. Strainers, filters, separators, and steam traps
F. Measuring devices, including pressure gauge, level gauges, sight glasses, levels, or pressure transmitters
G. Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs
H. Pressure retaining components that do not fall into one of the above categories
I. Nuclear components: Class 1 [ ] Class 2 [ ] Class 3 [ ] (Meeting AEG or ASME requirements)

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

KROHNE

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

See page 2

"Statutory Declaration Registration of fittings BatchFlux add 2 to 0F11891"

DECLARATION:

I, John van der Graaf [sign], employed by KROHNE Alometar, and being the person having full authority and responsibility for the quality of the end product, do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by [signature], as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as made under oath.

Signature of Declarer: [sign]

Declared before me at [place]

This [15th] day of April AD 2010

Commissioner of Oaths or Notary Public: [sign]

(After Official seal to the right)

This space for Regulatory Authority use

CRN: 0F11891 5 Add 2

FID#: 2015

Notes:
1. All fittings shall be registered in the name of the Manufacturer.
2. Each category shall be supported by two Statutory Declaration forms and one copy of supporting documentation.
3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
4. Quality control programs shall be submitted for validation at a maximum interval of five (5) years.

Signed [signature] 1 of [part]

DATE: May 14, 2010

C.R.N.: OF11891-5BADD2

Dwg: 2015

[Signature]
UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

MANUFACTURERS NAME: Krohne Alcometer
MANUFACTURERS ADDRESS: Kerkplaat 12, Dordrecht, the Netherlands
PLANT LOCATION: See above

CATEGORY OF FITTINGS TO BE REGISTERED: CIRCLE ONE CATEGORY ONLY
A. Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers
B. Flanges: all flanges
C. Valves: all line valves
D. Expansion joints, flexible connections, and hose assemblies: all types
E. Stainers, filters, separators, and steam traps
F. Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters
G. Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs
H. Pressure retaining components that do not fall into one of the above categories
I. Nuclear components: Class 1 ☐ Class 2 ☐ Class 3 ☐ (Meeting AECB or ASME requirements)

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT:

KROHNE

RATIONAL CONTENTS OF DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:
See page 2
"Statutory Declaration Registration of fittings Batchflux add 2 of 189111"

DECLARATION:
I, John van der Graaf, [signature] employed by KROHNE Alcometer [company] and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by/or [signature] as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as made under oath.

Signature of Declarant: [signature]
Declared before me at: [location]
This 15th day of April AD 2010
Commissioner of Oaths or Notary Public: [signature]
(Attest Official seal and to the right)

CRN: 0F118915 Add 2
FID#: 2015

Notes:
1. All fittings shall be registered in the name of the Manufacturer.
2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.
UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW-BRUNSWICK  NOVA SCOTIA  PRINCE EDWARD ISLAND  NEWFOUNDLAND AND LABRADOR

NUNAVUT  YUKON  NORTHWEST TERRITORIES

MANUFACTURERS NAME: Krohne Alrometer

MANUFACTURERS ADDRESS: Kerkeplaat 12, Dordrecht, the Netherlands

PLANT LOCATIONS: See above

CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY

A. Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers
B. Flanges: all flanges
C. Valves: all line valves
D. Expansion joints, flexible connections, and hose assemblies: all types
E. Strainers, filters, separators, and steam traps
F. Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters
G. Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs
H. Pressure retaining components that do not fall into one of the above categories
N. Nuclear components: Class 1 □ Class 2 □ Class 3 □, (Meeting AECB or ASME requirements)

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

KROHNE

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

See page 2

"Statutory Declaration Registration of fittings Batchflux add2 to 0F11892"

DECLARATION:

I, John van der Graaf (see note 3) employed by KROHNE Alrometer and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by LMS as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer:

This 15th day of April AD 2010

Commissioner of Oaths or Notary Public: (sign)

This space for Regulatory Authority use

This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: 0F11891.5 Add 2

FID#: 2015

Notes:

1. All fittings shall be registered in the name of the Manufacturer.
2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.
**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

<table>
<thead>
<tr>
<th>MANUFACTURER'S NAME:</th>
<th>Krohne Altimeter</th>
</tr>
</thead>
<tbody>
<tr>
<td>MANUFACTURER'S ADDRESS:</td>
<td>Kerkplaat 12, Dordrecht, the Netherlands</td>
</tr>
<tr>
<td>PLANT LOCATIONS:</td>
<td>See above</td>
</tr>
</tbody>
</table>

**CATEGORY OF FITTINGS TO BE REGISTERED: CIRCLE ONE CATEGORY ONLY**

- **A** Pipe fittings, including couplings, tees, elbows, Y's, plugs, unions, pipe caps, or reducers
- **B** Flanges: all flanges
- **C** Valves: all line valves
- **D** Expansion joints, flexible connections, and hose assemblies: all types
- **E** Strainers, filters, separators, and steam traps
- **F** Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters
- **G** Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs
- **H** Pressure retaining components that do not fall into one of the above categories
- **N** Nuclear components: Class 1 ☐ Class 2 ☐ Class 3 ☐ (Meeting AECB or ASME requirements)

**SHOW MANUFACTURER'S NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT**

**KROHNE**

**LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:**

See page 2

"Statutory Declaration Registration of fittings Batchflux add2 to 0F11891"

**DECLARATION:**

I, John van der Graaf [see note] employed by Krohne Altimeter and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure/temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by 1985 as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer:

Declared before me at Stokkum

This 15th day of April, AD 2010

Commissioner of Oaths or Notary Public: [sign]

[Affix Official seal to the right]

This space for Regulatory Authority use

This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: 0F11891.5 Add 2

FID#: 2015

Notes:

1. All fittings shall be registered in the name of the Manufacturer.
2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.
Statutory Declaration

Registration of Fittings

I, Cor Schellaars, Chief Engineer

(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Krohne Altimeter

(Name of Manufacturer)

Located at Kerkeplaat 12, Dordrecht, the Netherlands 0031 78 630 6354

(Plant Address) (Telephone No.) (Fax No.)

☐ do solemnly declare that the fittings listed hereunder, which are subject to the Technical Standards and Safety Act, Boilers and Pressure Vessels Regulation, comply with all of the requirements of

(Title of recognized North American Standard) which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;

☐ or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with ASME VIII Div 1 / ASME B31.3, as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001 which has been verified by the following authority, LRQA

The items covered by this declaration, for which I seek registration, are category meas. dev. Cat. F type fittings. In support of this application, the following information and/or test data are attached as follows:

See page 2 of Statutory Declaration Registration of Fittings Batchflux add2 to 0F11891

(drawings, calculations, test reports, etc.)

Declared before me at Sliedrecht on the ______ day of April ______ AD 20__

Commissioner for Oaths:

(Pринцед name)

(Signature)

Signature of Declarer

FOR OFFICE USE ONLY

To the best of my knowledge and belief, the application meets the requirements of the Technical Standards and Safety Act, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category ______

CRN: 0F11891.5ADD2

Registered by: MARK VACCIO, P.ENG.

Dated: MAY 5, 2010

NOTE: This registration expires on OCT. 22, 2017

NOTE: See the attachment for the scope of registration addition of the model name "BATCHFLUX 5×00"

PV 09553 (06/04)
On behalf of KROHNE Altimeter we are applying for an CRN Design Registration for our magnetic inductive flow meters as described within.

Product model names to be registered include:
Batchflux 5x00

Please note that the product names listed above have exact same flow-tube therefore the same exact design, etc. The reason for multiple Product names is that the flow-tube can be configured with different electronic signal converters mounted on top of the flow-tube. Therefore Batchflux 5x00 have the same flow-tube as already under registration 0F11891 but different electronic signal converter mounted to the top of the flow-tube. Thus they have different product names and labels.

By including all product label names in our CRN, the local inspector will not be confused when inspecting a meter and the corresponding CRN document.

End of page 2.
May 05, 2010

COR SCHELLAARS
RICK LOISELLE
KROHNE ALTMETER
KERKEPLAAT 123313 LC DORDRECHT
DORDRECHT
NL

Service Request Type: BPV-Fitting Registration
Service Request No.: 378376
Your Reference No.: ALTERATION TO 0F11891.5ADD1 C/P BATCHFLUX 5/00 - NAT'L SERV.

Dear RICK LOISELLE/COR SCHELLAARS

Technical Standards and Safety Authority (TSSA) is pleased to inform you that your submission on May 03, 2010 has been reviewed and registered as follows:

CRN No.: 0F11891.5ADD2
Reference No.: ALTERATION TO 0F11891.5ADD1 C/P BATCHFLUX 5/00 - NAT'L SERV.
Main Design No.: Addition of BATCHFLUX 5x00 trade name
Expiry Date: October 22, 2017

Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

A stamped copy of the approved registration and invoice for engineering services will be mailed to you shortly. Should you have any questions or require further assistance, however, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

/\nc

Mark Valcic P. Eng.
Engineer BPV
Tel.: 416-734-3494
Fax: 416-231-6183
Email: mvalcic@tssa.org
22 April, 2010

Technical Standards & Safety Authority
14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario M8X 2X4 CANADA

ATTN: Ms. Colleen Ratcliff

CRN 0FI1891.5ADD2

RE: Fittings Registration ADD2 Alteration to 0FI1891.5ADD1 c/o BATCHFLUX 5x00

Dear Colleen:

On behalf of KROHNE Almometer of The Netherlands, we are applying to Technical Standards and Safety Authority for 0FI1891.5ADD2 as addendum 2 for our existing Fittings Canadian Registration Number (CRN) 0FI1891.52016789YTNADD1 as well as National registration in each of the 13 Provinces listed on our TSSA application form.

Addendum 2 is adding BATCHFLUX 5x00 trade name in order to allow for various electronic signal converters (non-process pressure related part). Different types of electronic signal converters are distinguished by the letter "x" variable in this trade name. There are no design change to process pressure parts as approved for existing CRN 0FI1891.5ADD1, since this only relates to electronics that are mounted on top of tube.

BATCHFLUX 5014C / 5015C, OPTIFLUX 5000 F / 5010 C / 5300 C, and VersaFlow Mag 2000 C/F trade names will remain part of this same CRN.

Documentation included:
TSSA Application for Expedited Engineering Services
TSSA application
TSSA Statutory Declaration (2 originals)
Scope on Page 2 of TSSA, ABSA, and Uniform SD forms
ABSA Statutory Declaration (2 originals)
Uniform Statutory Declaration (2 originals)
0FI1891.52016789YTN CRN (7 copies)

1/1
May 05, 2010

COR SCHELLAARS
RICK LOISELLE
KROHNE ALTOMETER
KERKEPLAAT 123313 LC DORDRECHT
DORDRECHT
NL

Service Request Type: BPV-Fitting Registration
Service Request No.: 378376
Your Reference No.: ALTERATION TO 0F11891.5ADD1 C/P BATCHFLUX 5/00 - NAT'L SERV.

Dear RICK LOISELLE,

Technical Standards and Safety Authority (TSSA) is pleased to inform you that your submission on May 03, 2010 has been reviewed and registered as follows:

CRN No.: 0F11891.5ADD2
Reference No.: ALTERATION TO 0F11891.5ADD1 C/P BATCHFLUX 5/00 - NAT'L SERV.
Main Design No.: Addition of BATCHFLUX 5x00 trade name
Expiry Date: October 22, 2017

Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

A stamped copy of the approved registration and invoice for engineering services will be mailed to you shortly. Should you have any questions or require further assistance, however, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Mark Valcic P. Eng.
Engineer BPV
Tel.: 416-734-3494
Fax: 416-231-6183
Email: mvalcic@tssa.org

Putting Public Safety First
### National Design Registration
Application for a CRN

**Boilers and Pressure Vessels Regulation**

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**Date of Application (dd/mm/yyyy):** 4/22/2010

**Expedited Service (please attach the request form):**

- [ ] Yes
- [ ] No

**Please indicate the type of design:**
- [ ] Boiler
- [ ] Pressure Vessel
- [x] Fitting

**Existing CRN:** SFII88915

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**Section A: Submitter**

- **Company Name:** Krohne Inc.
- **Address:** 7 Dearborn Road
- **City/Town:** Peabody
- **Province/State:** MA 01960
- **Postal/Zip Code:** 01960
- **Country:** USA
- **Telephone:** (978) 936-5060 x1146
- **Fax:**
- **Contact Name:** Nick Loselle
- **E-mail:** loselle@Krohne.com
- **Job No./Reference:**
- **Drawing/Catalog No.:** Partial E3121722
- **Acc/Cust No.:** A100524 C220620

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**Section B: Invoicee**

- **Company Name:** Krohne Automation
- **Address:** Kerkkaplaat 12
- **City/Town:** Dordrecht
- **Province/State:**
- **Postal/Zip Code:** 3513 LC
- **Country:** The Netherlands
- **Telephone:** 0031 78 6323634
- **Fax:**
- **Contact Name:** C. Schaalmaa
- **E-mail:** c.schaalma@Krohne.com
- **Purchase Order No.:**
- **Acc/Cust No.:** A100620 C220628

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**Section C: Owner of Design/CRN**

- **Company Name:**
- **Address:**
- **City/Town:**
- **Province/State:**
- **Postal/Zip Code:**
- **Country:**
- **Telephone:**
- **Fax:**
- **Contact Name:**
- **E-mail:**
- **Acc/Cust No.:**

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**Section D: Manufacturer**

- **Company Name:**
- **Address:**
- **City/Town:**
- **Province/State:**
- **Postal/Zip Code:**
- **Country:**
- **Telephone:**
- **Fax:**
- **Contact Name:**
- **E-mail:**
- **Acc/Cust No.:**

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**Registration required in the following jurisdictions:**

- [x] Ontario
- [ ] Saskatchewan
- [x] New Brunswick
- [x] Newfoundland and Labrador
- [ ] British Columbia
- [x] Manitoba
- [x] Nova Scotia
- [ ] Yukon
- [ ] Alberta
- [x] Quebec
- [x] Prince Edward Island
- [ ] Northwest Territories
- [ ] Nunavut

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**Deposit included:**

- [ ] CDN $600.00 - Ontario and up to 2 additional provinces
- [ ] CDN $1,200.00 - Ontario and 3 or more additional provinces

**Cheque No.:**

**Amount:** 1200

(Deposit to be applied to the incurred fees when all jurisdictions are complete - any charges over and above deposit amount will be invoiced at that time.)

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**Return mail address:**

- [ ] A
- [ ] B
- [ ] C

**Optional: Courier Collect**

**Courier name:**

**Account No.:**

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**Signed:**

**Date:** May 5, 2010

**Reviewing Engineer:**

**CRN Issued:** SFII8915ADD2

**PV 08557 (05/08)**