OPTISONIC 3400

CRN Approval

- 1…20" in 150…300 lbs in CS and SS
- 24…28" in 150 lbs, 8…36" in 300 lbs
- 1…36" in 600 lbs, 1…18" in 900 lbs, 3…12" in 1500 lbs
- 42" in 300 lbs
STATUTORY DECLARATION
Registration of Fittings

I, Cor Schellaars, Chief Engineer

of Krohne Altometer
located at Kerkeplaat 12, Dordrecht, the Netherlands

I 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 B16.5/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) UFM 3030

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

This request is to add new product name to tracking number 2005-02493 with exactly same design/dimensions/materials

See page 2 "Statutory Declaration Registration of fittings OPTISONIC 3400 original"

DECLARED before me at Sliedrecht this 10th day of October, 2013

(print)

/sign)

(A Commissioner for Oaths)

See Acceptance Letter for the comments and/or conditions of registration.

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: 0F04725.2

Date Registered: OCT 29 2013

Expiration Date: APR 18 2015

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.
On behalf of KROHNE Altimeter we are applying for an Addendum to our CRN 0F04725 Fittings Design Registration for our Ultrasonic flow meters as described within.

This addendum is to register new model number OPTISONIC 3400. The original constructions are already registered under Tracking number 2005-02493. The new model number is needed because of a new type of electronic converter.

The pressure boundaries and construction remains identical to what was already registered under Tracking number 2005-02493.

Product model names to be registered include:
OPTISONIC 3400 C
OPTISONIC 3000 F

Please note that all our product names listed above have exact same flow-tube therefore the same exact welding, 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 or remote version).

The ULTRASONIC FLOW METERS OPTISONIC 3400C series are configured the same way as the OPTISONIC 3000 F series. 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. Each letter of these product names are defined: F = field, signal converter remotely connected by sensor cable to flow-tube; C = Compact, signal converter attached directly to flow-tube.

End of page 2.
October 29, 2013

Attention: Cor Schellaars
KROHNE ALTOMETER
KERKEPLAAT 12
DORDRECHT,

The design submission, tracking number 2013-07801, originally received on October 15, 2013 was surveyed and accepted for registration as follows:

CRN: 0F04725.2
Reg Type: Addition to Acc. Fitting
Drawing No.: OPTISONIC 3400C & 3000F As Noted
Fitting type: OPTISONIC 3400C AND 3400F FLOW METERS

Accepted on: October 29, 2013
Expiry Date: April 18, 2015

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

This registration constitutes acceptance of the new product name "OPTISONIC" only; design and construction details are understood to be identical to equipment registered under ABSA tracking numbers 2005-02493, 2007-02612, and 2007-02613.

This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form. This registration is valid only 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.

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

Enclosed are stamped prints for your reference.

Sincerely,

[Signature]

BRANDON, GREG