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Toll Free: 1.877.682.8772
www.tssa.org

September 20, 2016

SCOTT ISLIP
ROUND ENGINEERING INC
10 SEGWUN RD
WATERDOWN ON L0R 2H8
CA

Service Request Type.: BPV-National AB
Service Request No.: 1900880
Your Reference No.: EH-CRN-17
Registered to.: ENDRESS + HAUSER CONDUCTA INC

Dear SCOTT ISLIP,

Please find enclosed the original response from AB, registered under the CRN No.: 0F18550.52.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you. For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Joanna Karpinski

Tel. : 416-734-3377
Fax : 416-231-6183
Email : jkarpinski@tssa.org

September 02, 2016

Attention: Tanya Francis
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO, ON M9W 6N9

The design submission, tracking number 2016-03936, originally received on July 15, 2016 was surveyed and accepted for registration as follows:

CRN : 0F18550.52

Accepted on: September 02, 2016

Reg Type: New Design

Expiry Date: June 23, 2026

Drawing No. : SCOPE OF CRN REGISTRATION

Fitting type: MEMOSENS CLS82D HYGIENIC CONDUCTIVITY SENSORS

Design registered in the name of : ENDRESS + HAUSER CONDUCTA INC

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

It is the manufacturer's responsibility to advise the end user that the fittings with Clamps and Varivent connection can be used only with clamps that have Alberta CRN.

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.

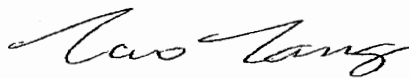
This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date.

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.

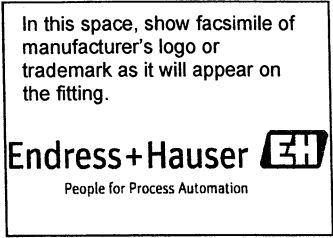
Enclosed are stamped prints for your reference.

Sincerely,



TANG, TAO, P. Eng.

STATUTORY DECLARATION Registration of Fittings



I, MIKE YOUROSKI, QUALITY MANAGER (name of applicant) (position title) of ENDRESS+HAUSER CONDUCTA INC. (name of manufacturer) located at 4123 LA PALMA AVE., ANAHEIM, CA, USA, 92807 (plant address)

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

[X] comply with the requirements of ASME B31.3, ASME VIII-1 which specifies the dimensions, (title of recognized North American Standard)

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 as supported by the attached (title of code of construction or other applicable document)

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.

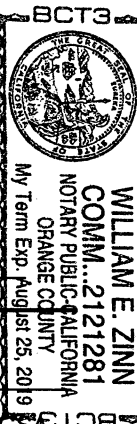
I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, SQS (ISO 9001:2008) as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are

CATEGORY F (brief description of fittings)

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

DRAWINGS, CALCULATIONS, REPORTS, SCOPE OF CRN

DECLARED before me at Anaheim in the County of Orange of this 7 day of June, 2016 (city) (Month) (Year) (province or state) (print) William E Zinn (a Commissioner of Oaths or Notary Public) (sign) Mike Yourouski (signature of applicant)



For ABSA Office Use Only:

NOTES: See Scope of CRN Registration

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 F

Registration Number: OF 18550.52 (Signature of the Administrator/SCO)

Date Registered: JUL 26 2016 Expiry Date: June 23, 2026

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of **California**

County of Orange

On June 7, 2016 before me, William E. Zinn Notary Public
(insert name and title of the officer)

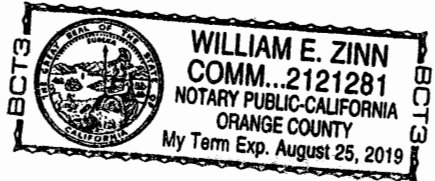
personally appeared Michael Youroski
who proved to me on the basis of satisfactory evidence to be the person~~(s)~~ whose name~~(s)~~ is~~are~~ subscribed to the within instrument and acknowledged to me that he~~/she/they~~ executed the same in his~~/her/their~~ authorized capacity~~(ies)~~, and that by his~~/her/their~~ signature~~(s)~~ on the instrument the person~~(s)~~, or the entity upon behalf of which the person~~(s)~~ acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of **California** that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature [Handwritten Signature]

(Seal)



ENDRESS+HAUSER CONDUCTA INC.

4123 LA PALMA AVE.
ANAHEIM, CA
92807, USA

27-May-16

SCOPE OF CRN REGISTRATION

PRODUCT DESCRIPTION

Description	Design Standard	End Connections	Drawings	EH TI Document
Memosens CLS82D	ASME B31.3, ASME BPE, ASME VIII-1 UG-101(m)	1" NPT, G1", PG13.5, 1-1/2" and 2" ASME BPE, ISO 2852, DIN 32676 Clamp Ferrule (Note 1)	403711, 403712, 403715, 403712, 403150, 403159, 403168, 403170	T101188C/07/EN/03.16

PRESSURE - TEMPERATURE RATINGS

MDMT	MAWP AT 68 F	MAWP AT 248 F	MAWP AT 284 F
23F	247 psig	131 psig at 248 F	87 psig at 284 F

MATERIALS OF CONSTRUCTION

PROCESS ADAPTER MATERIAL (NOTE 2)	SENSOR SHELL MATERIAL
POLYPHENYLENE SULFIDE PLASTIC, ASTM A479-316L, STAINLESS STEEL 1.4435 TYPE 316L, UNS S31603	POLYPHENYLENE SULFIDE PLASTIC, ASTM A479-316L, STAINLESS STEEL 1.4435 TYPE 316L, UNS S31603, CERAMIC

REGISTRATION OF FITTINGS

SAFETY CODES DIVISION, PROVINCE OF ALBERTA

REGISTRATION NO. OF 18550.52

DWG. NO. or CAT. NO. Scope of CRN Registration

TYPE OF FITTINGS Memosens CLS82D Sensors

Date JUL 26 2016

INITIALS Tao Tang

TAO TANG, P.Eng.

DESIGN SURVEY ENGINEER

Optional process adapter materials may be used. See Note 2.

MANUFACTURING LOCATIONS

Endress+Hauser Conducta 70839 Gerlingen incl. manufacturing sites 04736 Waldheim and 64823 Gross-Umstadt, Germany	Endress+Hauser Conducta 215021 Suzhou, Endress+Hauser Analytical Instruments Suzhou Co. Ltd. P.R. China
Endress+Hauser Conducta 4123 LA Palma Ave., Anaheim, CA 92807, USA	

Note 1) The assembly clamp is not part of the CRN and is not manufactured by ENDRESS+HAUSER. Pressure-Temperature ratings may be limited by the clamp type used in the joint assembly. Consult clamp Manufacturer for clamp Pressure-Temperature ratings.

Note 2) The following additional alloys of superior or equivalent properties to those listed above are also included in the scope of registration as follows: N06022, B574/B564, (C-22, 2.4602); N10276, B574/B564, (C-276, 2.4819); S31803, A479/A182, F51, (318LN, 1.4462); S32750, A240/A182, F53, (2507, 1.4410); S32760, A479/A182, F55, (Zeron 100, 1.4501); N06600, B166/B564, (Inconel 600, 2.4816); N06625, B446/B564, (Inconel 625, 2.4856); N08825, B425/B564, (Inconel 825, 2.4858); S30400/S30403, A479/A182, (304/304L, 1.4301/1.4306/1.4307); B381-F3, (Titanium Grade 3, UNS R50550) Note: Titanium limited to 247°F max