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Toronto, Ontario
CANADA M9W 6N9
Tel.: 416.734.3300
Fax.: 416.231.1626
Toll Free: 1.877.682.8772
www.tssa.org

April 18, 2019

SCOTT ISLIP
ROUND ENGINEERING INC
10 SEGWUN RD
WATERDOWN ON L8B 0K6
CA

Service Request Type.: BPV-National AB
Service Request No.: 2477352
Your Reference No.: R-0965
Registered to.: ENDRESS + HAUSER CONDUCTA INC

Dear SCOTT ISLIP,

Please find enclosed the original response from AB, registered under the CRN No.: 0H20949.52.

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,

Tanya Francis
Administrative Assistant_ BPV Engineering
Tel.: 416-734-3423
Fax: 416-231-6183
Email :tfrancis@tssa.org

March 21, 2019

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

Email: tfrancis@tssa.org

The design submission, tracking number 2019-00183, originally received on January 10, 2019 was surveyed and accepted for registration as follows:

CRN : 0H20949.52

Accepted on: March 21, 2019

Reg Type: NEW DESIGN

Expiry Date: December 20, 2028

Drawing No. : SCOPE OF CRN REGISTRATION Rev 30-NOV-18 As Noted

Fitting type: UNIFIT CPA842 HOUSING

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

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

- Sensors are not in the scope of this registration.
- Ferrule and Varivant hub material shall be in compliance with Appendix 24 of ASME Sec. VIII Div.1.
- Material 1.4435 and 1.4404 must meet the requirements of UNS S31603. Material 1.4301 must meet the requirements of UNS S30400. Material 1.4571 is not covered under the CRN.
- It is our understanding that the fittings shall be pressure tested in accordance with the Code of construction prior to initial operation.

As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction are ASME B31.3 and ASME B31.1.

- 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.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3382 or fax (780) 437-7787 or e-mail Stojanovic@absa.ca.

Sincerely,



STOJANOVIC, STEVAN, P. Eng.
DOP Cert. No. D00008849

**STATUTORY DECLARATION
Registration of Fittings**

I, LEONARD AMBROSINI, GENERAL MANAGER
(name of applicant) (position title) (must be in a position of authority)
of ENDRESS+HAUSER
(name of manufacturer)
located at SEE ATTACHED WORLDWIDE LOCATIONS APPENDIX
(plant address)

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.

Endress+Hauser 

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

- ☒ comply with the requirements of ASME B31.3, ASME B31.1 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) 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 H

(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 _____ in the _____ of _____
(city) (province or state)
this _____ day of _____, _____
(Month) (Year)
(print) _____
(a Commissioner of Oaths or Notary Public)
(sign) _____
(a Commissioner of Oaths or Notary Public)

See attached acknowledgment

_____ *Leonard Ambrosini*
(signature of applicant)

For ABSA Office Use Only:

NOTES: _____

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: 0H20949.52 STEVAN STOJANOVIC
(Signature of the Administrator/SCO)

Date Registered: MAR 21 2019 Expiry Date: Dec. 20, 2024

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 Pressure Equipment Discipline.

CALIFORNIA ALL- PURPOSE CERTIFICATE OF 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 }

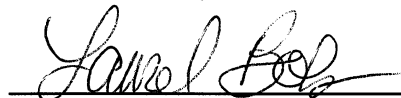
County of Orange }

On December 11, 2018 before me, Laurel Boles,
(Here insert name and title of the officer)

personally appeared Leonard Ambrosini,
who proved to me on the basis of satisfactory evidence to be the person(s) whose
name(s) (s) 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.

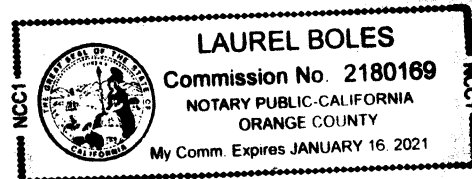
I certify under PENALTY OF PERJURY under the laws of the State of California that
the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Notary Public Signature

(Notary Public Seal)



0H20949.52

ADDITIONAL OPTIONAL INFORMATION

DESCRIPTION OF THE ATTACHED DOCUMENT

Alberta Statutory Declaration

(Title or description of attached document)

Registration of Fittings

(Title or description of attached document continued)

Number of Pages 1 Document Date 12/11/2018

CAPACITY CLAIMED BY THE SIGNER

- ☒ Individual (s)
☐ Corporate Officer

(Title)

- ☐ Partner(s)
☐ Attorney-in-Fact
☐ Trustee(s)
☐ Other _____

INSTRUCTIONS FOR COMPLETING THIS FORM

This form complies with current California statutes regarding notary wording and, if needed, should be completed and attached to the document. Acknowledgments from other states may be completed for documents being sent to that state so long as the wording does not require the California notary to violate California notary law.

- State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
- Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
- The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
- Print the name(s) of document signer(s) who personally appear at the time of notarization.
- Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. he/she/~~they~~, is /are) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
- The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form.
- Signature of the notary public must match the signature on file with the office of the county clerk.
 - ❖ Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document.
 - ❖ Indicate title or type of attached document, number of pages and date.
 - ❖ Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
- Securely attach this document to the signed document with a staple.

WORLDWIDE LOCATIONS APPENDIX – PAGE 1 OF 1

**ENDRESS+HAUSER CONDUCTA GMBH & CO. KG LOCATIONS
& CERTIFYING AUTHORITIES**

(rev. November 30, 2018)

Endress+Hauser Conducta GmbH & Co. KG

Dieselstrasse 24 / Postfach 100 154
70839 Gerlingen
Germany
ISO 9001 Certified by SQS

Endress+Hauser Conducta GmbH & Co. KG

Siemensstraße 2
64823 Groß-Umstadt
Germany
ISO 9001 Certified by SQS

Endress+Hauser Conducta Waldheim

Gewerbegebiet Richzenhain
Landsberger Straße 28
04736 Waldheim
Germany
ISO 9001 Certified by SQS

Endress+Hauser Conducta, Inc.

4123 East La Palma Ave, Suite 200
Anaheim, CA 92807
United States of America
ISO 9001 Certified by SQS

0H20949.52

**Endress+Hauser Analytical Instruments
(Suzhou) Co., Ltd.**

491 Su-Hong-Zhong-Lu
China-Singapore Industrial Park
Suzhou, Jiangsu Province
China
ISO 9001 Certified by SQS

ENDRESS+HAUSER CONDUCTA INC.

4123 LA PALMA AVE.

ANAHEIM, CA

92807, USA

Endress+Hauser 

People for Process Automation

30-Nov-18

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SCOPE OF CRN REGISTRATION CONTINUED

Note 3) In accordance with ASME B31.1 para. 123.1.2(D) when this product is manufactured from a ASME B31.1 unlisted material and used under the ASME B31.1 code the facility owner must accept the use of the following non listed materials.

Hastelloy C-276 ASTM B564 UNS N10276,

Monel 400 ASTM B564, ASTM B164 UNS N04400,

Inconel 825 ASTM B564 UNS N08825,

Hastelloy C22 ASTM B564 UNS N06022

Hastelloy B3 ASTM B462, ASTM B564, ASTM B335 UNS N10675,


Inconel 600 ASTM B166, ASTM B564 UNS N06600,

Super Duplex ASTM A479, ASTM A182-F55 UNS S32760,

904L ASTM A182-904L UNS N08904

In all cases the above unlisted materials shall only be used for nonboiler external piping.

Note 4) Maximum Allowable Working Pressure (MAWP) stated is for the CPA842 assembly only and not the sensor being installed in the assembly. Pressure-temperature ratings may be limited by the sensor installed. Consult sensor CRN for sensor pressure temperature ratings.

	
SAFETY CODES ACT - PROVINCE OF ALBERTA	
REGISTRATION OF FITTINGS	
REGISTRATION NO.	<u>0H20949.52</u>
DWG. NO. or CAT. NO.	<u>Scope of CRN Registration</u>
TYPE OF FITTINGS	<u>UNIFT CPA842 Housing</u>
Date	<u>MAR 21 2019</u>
INITIALS	<u>StS</u>
STEVAN STOJANOVIC, P.Eng. DESIGN SURVEY ENGINEER	

Rev. 30-Nov.-18

ENDRESS+HAUSER CONDUCTA INC.
 4123 LA PALMA AVE.
 ANAHEIM, CA
 92807, USA



People for Process Automation

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SCOPE OF CRN REGISTRATION

PRODUCT DESCRIPTION

Description	Design Standard (Note 3)	End Connections (Note 1)	Drawings	EH TI Document
UNIFIT CPA842	ASME B31.3, ASME B31.1, ASME BPE	DN25 Standard, DN25 B.Braun, DN25 O-Ring, 1-1/2" Clamp, 2" Clamp, 1-1/2" Clamp Oblique 15°, DN40-125 Varivent, Dairy Fitting DN50 DIN 11851.	413740-F, 411820-H, 410634-H, 410636-F, 414484-H, 413329-G, 410599-F, 413742-D, 410609-F, 413741-E, 411770-E, 411855-F, 415235-D, 410975-F, 411161-F, 413725-D, 411260-F, 415907-A	TI01367C/07/EN/01.17

PRESSURE - TEMPERATURE RATINGS

MDMT	MAWP AT 100°F	MAWP AT 284°F	Notes
-20F	232 psig	232 psig	See Note 4.

MATERIALS OF CONSTRUCTION

Process Housing Material (Note 2)	Notes
Stainless Steel ASTM A479-316L, ASTM A182-316L 1.4435 TYPE 316L UNS S31603	Optional housing materials may be used. See Note 2.

Note 1) The ASME BPE Ferrule and Varivent connection shall be used with a clamp, however the assembly clamp is not part of this CRN. Pressure-Temperature ratings may be limited by the clamp type used in the joint assembly. The clamp used to complete the joint shall have its own CRN and shall have pressure-temperature ratings the same or higher than the product ratings.

Note 2) The following additional alloys of superior or equivalent properties to those listed above are also included in the scope of registration:

Type 304 S.Steel ASTM A182-304, ASTM A479-304 UNS S30400,	Type 304L S.Steel ASTM A182-304L, ASTM A479-304L UNS S30403,
Type 316 S.Steel ASTM A182-316, ASTM A479-316 UNS S31600,	Alloy 20 ASTM B462, ASTM B366 UNS N08020,
Hastelloy C-276 ASTM B564, ASTM B574 UNS N10276,	Hastelloy C22 ASTM B366, ASTM B564 UNS N06022,
Hastelloy B3 ASTM B462, ASTM B564, ASTM B335 UNS N10675,	Monel 400 ASTM B564, ASTM B164 UNS N04400 (Note: Monel 400 limited to 100F max.),
Inconel 600 ASTM B166, ASTM B564 UNS N06600,	Inconel 625 ASTM B564, ASTM B446 UNS N06625,
Inconel 825 ASTM B425, ASTM B564 UNS N08825,	Duplex ASTM A479, ASTM A182 UNS S31803,
Super Duplex ASTM A479, ASTM A182-F53 UNS S32750,	Super Duplex ASTM A479, ASTM A182-F55 UNS S32760,
Titanium ASTM B381-F3 UNS R50550 (Note Titanium limited to 247F max for ASME B31.3 service and 173F max. for ASME B31.1 Service.)	
904L S.Steel ASTM A182-904L, ASTM A479-904L UNS N08904 (Note ASTM A182-904L limited to 200F max for ASME B31.1 Service. ASTM A479-904L shall not be used in ASME B31.1 Service)	