



345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org

August 17, 2017

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

Service Request Type: BPV-Fitting Registration
Service Request No.: 2132268
Your Reference No.: EH-CRN-23
Registered to: ENDRESS + HAUSER CONDUCTA INC

Dear SCOTT ISLIP,

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

CRN No.: 0H19578.5
Main Design No.: CPA 871 & CPA 875 - SEE SCOPE OF REGISTRATION
Expiry Date: 17-Aug-2027

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,

Zivko Gacevic P. Eng.
Mechanical Engineer, BPV
Tel.: 416-734-3429
Fax: 416-231-6183
Email: zgacevic@tssa.org



TECHNICAL STANDARDS & SAFETY AUTHORITY
 14th Floor, Centre Tower
 3300 Bloor Street West
 Toronto, Ontario
 Canada M8X 2X4

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below

Endress+Hauser 
 People for Process Automation

STATUTORY DECLARATION

Registration of Fittings

I, MIKE YOUROSKI, QUALITY MANAGER

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

of ENDRESS+HAUSER CONDUCTA INC.

(Name of Manufacturer)

Located at 4123 LA PALMA AVE., ANAHEIM, CA, USA, 92807

(Plant Address)

1-714-577-5600

(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 ASME B31.3, ASME B31.1

(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 _____ 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:9001:2008 which has been verified by the following authority, SQS

The items covered by this declaration, for which I seek registration, are category H type fittings. In support of this application, the following information and/or test data are attached as follows:
DRAWINGS, CALCULATIONS, REPORTS, SCOPE OF CRN

(drawings, calculations, test reports, etc.)

Declared before me at _____ in the _____ of _____

the ~~_____~~ day of ~~_____~~ AD 20_____.

Commissioner for Oaths:

(Printed name)

See attached acknowledgment
 (Signature)

Michael Youroski
 (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 "H"

CRN: 0H19578.5

Registered by: ZIVKO GRJEVIC

Dated: Aug. 17, 2017

NOTE: This registration expires on Aug. 17, 2027

Technical Standards and Safety Authority

Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: 0H19578.5

Signed: Saure

Date: Aug. 17, 2017

PV 09553 (06/04)

Note: See the attachment for Scope of Registration.
 26. 8/17/17

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 04/12/2017 before me, Laurel Boles,
(Here insert name and title of the officer)

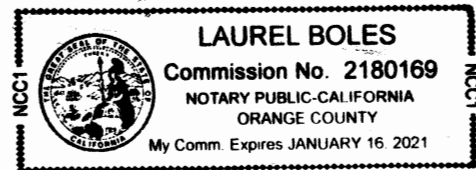
personally appeared Michael Youroski,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s)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

Laurel Boles
Notary Public Signature

(Notary Public Seal)



ADDITIONAL OPTIONAL INFORMATION

DESCRIPTION OF THE ATTACHED DOCUMENT

Statutory Declaration
(Title or description of attached document)

Registration of Fittings
(Title or description of attached document continued)

Number of Pages 1 Document Date 04/12/2017

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.

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

THIS IS PART OF
CRN 01419578.5
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program

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 8/17/17

01-Aug-17

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SCOPE OF CRN REGISTRATION

Item No. 1

PRODUCT DESCRIPTION					
Description	Design Standard	Process Connections		Drawings	EH TI Document
CPA 871 Retractable Process Assembly	ASME B31.3, ASME B31.1	1) Thread NPT 1-1/2" 2) 2" and 3" CL 150 Flanged 3) 2", 2-1/2" ASME BPE, ISO2852, DIN32676 Clamp Ferrule (Note 3) 4) DN25 thread G1 1/4 Internal		403457, 402008-4415, 401715, 401716, 403426, 403428, 403438, 403456	TI01191C/07/EN/03.16
PRESSURE - TEMPERATURE RATINGS					
MDMT	MAWP AT 100 F (Note 1,2)	MAWP AT 284 F (Note 1,2)	NOTES		
Dependent on Material	232 psig	232 psig	None		
MATERIALS OF CONSTRUCTION					
STANDARD MATERIALS				NOTES	
Type 316L S.Steel UNS S31603 and/or Alloy C-22 UNS N06022				None	

Item No. 2

PRODUCT DESCRIPTION					
Description	Design Standard	Process Connections		Drawings	EH TI Document
CPA 875 Retractable Process Assembly	ASME B31.3, ASME B31.1	1) 1-1/2", 2", 2-1/2" ASME BPE, ISO2852, DIN32676 Clamp Ferrule (Note 3) 2) DN50, DN65 Dairy fitting DIN11851 3) DN40-DN100 Varivent flange N (Note 4) 4) DN25 thread G 1 1/4 internal		402008, 401847, 401998, 401945, 402020, 402009, 402011, 401995, 401794	TI01168C/07/EN/03.16
PRESSURE - TEMPERATURE RATINGS					
MDMT	MAWP AT 100 F (Note 1,2)	MAWP AT 284 F (Note 1,2)	NOTES		
Dependent on Material	232 psig	232 psig	None		
MATERIALS OF CONSTRUCTION					
STANDARD MATERIALS				NOTES	
Type 316L S.Steel UNS S31603 and/or Alloy C-22 UNS N06022				None	

ENDRESS+HAUSER CONDUCTA INC.

4123 LA PALMA AVE.
ANAHEIM, CA
92807, USA

01-Aug-17

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SCOPE OF CRN REGISTRATION CONTINUED

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) Pressure-temperature ratings shown are for retractable assemblies supplied with a pneumatic drive. When the retractable assemblies are supplied with a manual drive the pressure-temperature rating is reduced to 116 psig at 284F in order to successfully operate the manual drive assembly under pressure.

Note 2) Maximum Design Pressure stated is for retractable assembly only and not the sensor being installed in the assembly. Pressure-temperature ratings may be limited by the sensor installed in the assembly. Consult sensor CRN for sensor pressure temperature ratings.

Note 3) The ferrule 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 ferrule ratings.

Note 4) The varivent joint utilizes 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 above product ratings.

THIS IS PART OF
CRN 0419578.5
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program

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