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November 20, 2017

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

Service Request Type.: BPV-National BC
Service Request No.: 2157090
Your Reference No.: EH-CRN-23
Registered to.: ENDRESS + HAUSER CONDUCTA INC

Dear SCOTT ISLIP,

Please find enclosed the original response from BC, registered under the CRN No.: 0H19578.51.

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

TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO ON M9W 6N9

Date: October 6, 2017
Account #: 35231
Journal #: 68996

Attn: TANYA FRANCIS

Re: Application for Design Registration

The design, as detailed in your, TSSA SR# 2157090, for a Fitting is accepted for registration as follows:

Registered To: ENDRESS + HAUSER CONDUCTA CRN: 0H19578.51
INC

MAWT: 284 deg F

MAWP: 232 psig

Drawing #: Design Report EH-CRN-23A

Drawing Revision: 0

Conditions Of Registration:

Reg'n of CPA 871 & CPA 875 Retractable Process Assemblies per att'd scope of registration shts (2 pgs).

This design was registered based on a technical review performed by the province of initial registration in accordance with the Association of Chief Inspectors policy on reciprocal recognition of design review.

Reviewer's Notes:

As required by CSA B51 4.2.1, this registration expires on August 17, 2027. This CRN is valid until the expiry date as long as the Manufacturer maintains a valid quality control program verified by an acceptable third-party agency until that date. Should the certification of the quality control program lapse before the expiry date, this registration shall become void.

Contact me if you have any questions. The invoice for registration will be forwarded under separate cover.

SHARON PETERS

boiler.designregistration@safetyauthority.ca
Design Administration

cc:

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

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



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 OH 19578.5
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program

z.c. 8/17/17

