

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

www.tssa.org

April 27, 2017

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

Service Request Type: BPV-Fitting Registration

Service Request No.: 2063086 Your Reference No.: EH-CRN-24

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.:

0F19345.5

Main Design No.: CYA680 Flow Assembly per Scope of Registration

Expiry Date:

27-Apr-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 DECLAR Registration of Fittings		
	·	
I, MIKE YOUROSKI, QUALITY MANAGER (Name and Position, e.g. President, Plant Manager, Chief	Environd	
, , , , , , , , , , , , , , , , , , , ,	engiloor)	
of ENDRESS+HAUSER CONDUCTA INC. (Name of Manufacturer)		
	1-714-577-5600	
Located at 4123 LA PALMA AVE., ANAHEIM, CA, USA, 92807 (Plant Address)	(Telephone No.) (Fax No.)	
do solemnly declare that the fittings listed hereunder, which are subject to the and Pressure Vessels Regulation, comply with all of the requirements of ASME B31.3, ASME B31.1	Technical Standards and Safety Act, Boilers	
(Title of recognized North American Standard) which specifies the dimensions, materials of construction, pressure/temperature rating	gs, identification marking the fittings and service;	
or are not covered by the provisions of a recognized North American standard as supported by the attached data which pressure/temperature ratings and the basis for such ratings, the marking of the	identifies the dimensions, material of construction,	
I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of		
(drawings, calculations, test reports, etc.)		
Declared before me at in the	of	
the day of AD 20		
Commissioner for Oaths:		
Se attached Acknowledgment muchael Journal (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 Proposition Pr		
CRN: 0F19345.5	RE GISTER ED	
Registered by: ZIUKO GACEUC	C.R.N.: 0F193455	
Dated: <u>Apr. 27, 2017</u>	Signed: Laur Tone Date: Apr. 27, 17	
NOTE: This registration expires on Rpr. 27, 2027	Date:	

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	3
Ctato or Gamorria	•
County of Orange	}
On <u>04/12/2017</u> before me, <u>l</u>	_aurel Boles,
personally appeared Michael Youroski	(Tield industrial in and the strice strice)
who proved to me on the basis of satisfation name(s) is/are subscribed to the within it he/she/they executed the same in his/he	actory evidence to be the person(s) whose instrument and acknowledged to me that er/their authorized capacity(ies), and that by ent the person(s), or the entity upon behalf of instrument.
I certify under PENALTY OF PERJURY the foregoing paragraph is true and corr	LAUREL BOLES
WITNESS my hand and official seal.	Commission No. 2180169 NOTARY PUBLIC CALIFORNIA ORANGE COUNTY My Comm. Expires JANUARY 16, 2021
Notary Public Signature (No	tary Public Seal)
•	INSTRUCTIONS FOR COMPLETING THIS FORM
	ON This form complies with current California statutes regarding notary wording and, if needed, should be completed and attached to the document. Acknowledgments
DESCRIPTION OF THE ATTACHED DOCUMENT	from other states may be completed for documents being sent to that state so long
Statutory Declaration	as the wording does not require the California notary to violate California notary
(Title or description of attached document)	 State and County information must be the State and County where the document
Rigistration of Fittings	signer(s) personally appeared before the notary public for acknowledgment.
(Title or description of attached document continued)	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
Number of Pages 1 Document Date 04/12/2017	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.
CAPACITY CLAIMED BY THE SIGNER	 Indicate the correct singular or plural forms by crossing off incorrect forms (i.e.
☑ Individual (s)	he/she/they, is /are) or circling the correct forms. Failure to correctly indicate this
☐ Corporate Officer	 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
(Title) □ Partner(s)	sufficient area permits, otherwise complete a different acknowledgment form. • Signature of the notary public must match the signature on file with the office of

Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document.

Indicate the capacity claimed by the signer. If the claimed capacity is a

Indicate title or type of attached document, number of pages and date.

corporate officer, indicate the title (i.e. CEO, CFO, Secretary).

• Securely attach this document to the signed document with a staple.

www.NotaryClasses.com 800-873-9865

☐ Attorney-in-Fact

Trustee(s)

Other_

ENDRESS+HAUSER CONDUCTA INC.

4123 LA PALMA AVE. ANAHEIM, CA 92807, USA

THIS IS PART OF CRN OF 19345.5

Technical Standards & Safety Authority Boilers & Pressure Vessels

7.6. 4/27/17 30-Mar-17

SCOPE OF CRN RECENTRASTION

PRODUCT DESCRIPTION

Description	Design Standard	End Connections	Drawings	EH TI Document
CYA680 Flow Assembly	ASME B31.3, ASME B31.1	PROCESS: 1/4" thru 2" ASME BPE, ISO2852, DIN32676 Clamp Ferrule (Note 1) SENSOR: PG13.5	3000-0090-01, 402429, 71023132, 3000-0010-01, 30000- 0060-01	TI01295C/07/EN/01.16

PRESSURE - TEMPERATURE RATINGS

MDMT	MAWP AT 100 F	MAWP AT 266 F	NOTES
Dependent on Material	230 psig	230 psig	None

MATERIALS OF CONSTRUCTION

Type 316L S.Steel UNS S31603	Optional materials may be used. See Note 2.
STANDARD MATERIALS (NOTE 2)	NOTES

MANUFACTURING LOCATIONS

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

Note 1) 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 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 UNS S30400, Type 304L S.Steel UNS S30403, Type 316 S.Steel UNS S31600, Type 316L S.Steel UNS S31603, Alloy 20 UNS N08020, Hastelloy C-276 UNS N10276, Hastelloy C22 UNS N06022, Hastelloy B3 UNS N10676, Monel 400 UNS N04400 (Note Monel 400 limited to 100F max.), Inconel 600 UNS N06600, Inconel 625 UNS N06625, Inconel 825 UNS N08825, Duplex S.Steel UNS S31803, Super Duplex UNS S32750, Super Duplex UNS S32760, Titanium Grade 3 UNS R50550 (Note Titanium limited to 247F max.)