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www.tssa.org

January 10, 2023

ROUND ENGINEERING INC
10 SEGWUN RD
WATERDOWN ON L8B 0K6

Workorder Type: Registration - Fitting(Conventional)
Workorder No: 8217727
Your Reference No.: R1660
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 : 0F15714.5R3
Main Design No.: Scope of Registration Attached for Renewal
Expiry Date: Jan 10, 2033

Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

Renewal of CRN 0F15714.5. Items proof tested per UG-101(m)(2)(a) with a safety factor of 10

The stamped copy of the approved registration and the invoice are mailed separately (There will be no hard copies for electronic submissions). Should you have any questions or require further assistance, 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,

Shreyas Madhuranath M.Eng, P.Eng
Engineer, BPV
Tel. : +1 416-734-3212
Email : smadhuranath@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

STATUTORY DECLARATION Registration of Fittings

I, LEONARD AMBROSINI, GENERAL MANAGER
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of ENDRESS+HAUSER CONDUCTA INC.
(Name of Manufacturer)

Located at SEE ATTACHED WORLDWIDE LOCATIONS APPENDIX 1-714-577-5658
(Plant Address) (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:9001:2015 which has been verified by the following authority, SQS

The items covered by this declaration, for which I seek registration, are category F 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 See Attached acknowledgment

Commissioner for Oaths:

(Printed name)

(Signature)

(Signature of Declarer) 2022-09-20

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 F.

CRN: _____

Registered by: _____

Dated: _____

Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: 0F15714.5R3

Signed:

Date: January 10, 2023.

NOTE: This registration expires on JAN 10, 2033

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 }

THIS IS PART OF CRN
OF 15714.5R3
Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
Program

On 09/20/2022 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) (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

TSSA Declaration Registration

(Title or description of attached document)

of Fittings

(Title or description of attached document continued)

Number of Pages 1 Document Date 09/20/2022

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.



SCOPE OF CRN REGISTRATION

Type	Shaft Material	Shaft Sealing	Order code Memosens 1.0	Order code Memosens 2.0	Max. Temperature	Max. Pressure (abs.)	Applicable TI document
A	glass tube lead-free: outside diameter: 11.90 mm +/-0.10 thickness: 1.40 mm +/-0.04	potting	CPS11D-*****+*	CPS11E-*****+*	+135 °C / 275 °F	13.8 bar / 200 psi abs.	TI01493C
			CPS12D-*****+*	CPS12E-*****+*	+135 °C / 275 °F	13.8 bar / 200 psi abs.	TI01494C
			CPS16D-*****+*	CPS16E-*****+*	+135 °C / 275 °F	17 bar / 246 psi abs.	TI01600C
B	glass tube lead-free: outside diameter: 11.90 mm +/-0.10 thickness: 1.0	potting	---	CPS61E-****TU*+*	+130 °C / 266 °F	7 bar / 101.5 psi abs.	TI01566C
			---	CPS62E-*****+*	+135 °C / 275 °F	7 bar / 101.5 psi abs.	TI01604C
			CPS71D-*TB/TC/TU**+*	CPS71E-****TB/TC/TU*+*	+135 °C / 275 °F	14 bar / 203 psi abs.	TI01496C
			CPS76D-*BB/BU**+*	CPS76E-****TB/TU*+*	+135 °C / 275 °F	14 bar / 203 psi abs.	TI01601C
			CPS72D-*****+*	CPS72E-*****+*	+135 °C / 275 °F	14 bar / 203 psi abs.	TI01576C
			CPS31D-*****+*	CPS31E-*****+*	+80 °C / 176 °F	4 bar / 60 psi abs.	TI01574C
C	glass tube lead-free: outside diameter: 11.90 mm +/-0.10 thickness: 1.0	glass melt	CPS91D-*****+*	CPS91E-*****+*	+110 °C / 230 °F	10 bar / 145 psi abs.	TI01497C
			CPS92D-*****+*	CPS92E-*****+*	+110 °C / 230 °F	8.6 bar / 125 psi abs.	TI01577C
			CPS96D-*****+*	CPS96E-*****+*	+110 °C / 230 °F	14 bar / 203 psi abs.	TI01602C
			CPS41D-*****+*	CPS41E-*****+*	+135 °C / 275 °F	11 bar / 160 psi abs.	TI01495C
			CPS42D-*****+*	CPS42E-*****+*	+135 °C / 275 °F	11 bar / 160 psi abs.	TI01575C
			CPS71D-*TP**+*	CPS71E-****TP*+*	+135 °C / 275 °F	7 bar / 101.5 psi abs.	TI01496C
			CPS171D-***NTP*+*	CPS61E-****TP*+*	+135 °C / 275 °F	7 bar / 101.5 psi abs.	TI01566C
			CPS76D-*BP**+*	CPS76E-****TP*+*	+135 °C / 275 °F	7 bar / 101.5 psi abs.	TI01601C
D	MPPS-FG40	potting	---	CPF81E-*****+*	+110 °C / 230 °F	11 bar / 160 psi abs.	TI01594C
			---	CPF82E-*****+*	+ 80 °C / 176 °F	10.3 bar / 150 psi abs.	TI01595C

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

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 0F15714.5R3
 Technical Standards and Safety Authority
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10-Oct-22



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SCOPE OF CRN REGISTRATION CONTINUED

E	PEEK	potting	---	CPS47E-*****+*	+100 °C / 212 °F	11 bar / 160 psi abs.	TI01616C
			---	CPS77E-*****+*	+135 °C / 275 °F	4 bar / 58 psi abs.	
			---	CPS77E-*****+*	+135 °C / 275 °F	11 bar / 160 psi abs.	TI01617C
			---	CPS97E-*****+*	+110 °C / 230 °F	11 bar / 160 psi abs.	TI01618C

Note 1) This CRN Registration covers various CPS and CPF sensors. During the lifecycle of this product it may be necessary to update the sensor electronics that have no effect on the pressure retaining ability of the sensor. When this occurs the E in the product code will change to E which is the next letter in the alphabet. This process of updating the sensor electronics may occur multiple times during the lifecycle of this product and therefore as long as the pressure retaining components of the sensor do not change the applicable letter in the above product code has no effect on the validity of the CRN.

Note 2) 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 unlisted material.

Note 3) See Attached List of Endress+Hauser Manufacturing locations applicable to this CRN.

WORLDWIDE LOCATIONS APPENDIX – PAGE 1 OF 1

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

(rev. June 17, 2020)

Endress+Hauser Conducta GmbH & Co. KG

Dieselstrasse 24 / Postfach 100 154
70839 Gerlingen
Germany

ISO 9001 Certified by SQS

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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

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

No. 31 JiangTianLiLu
Suzhou Industrial Park 215126
People's Republic of China

ISO 9001 Certified by SQS