

REGISTRATION OF A PRESSURE FITTING DESIGN

15-Feb-23

TSSA
345 Carlingview Drive
Toronto, Ontario
M9W 6N9

Attention: Cecylia Garbacz

File Number: 13496 [0 F]

Re: Manufacturer: Endress + Hauser Conducta Inc.
Item: CPS Sensors
Catalog or Drawing: Scope of Registration (10-Oct-22)

TSASK Codes and Standards Compliance has registered the design listed above in accordance with The Boiler and Pressure Vessel Act and Regulations and CSA B51. The Canadian Registration Number (CRN) is:

0F15714.53 Expiry Date: January 10, 2033

Please note that every fitting shall be constructed in strict accordance with the registered design.

Fitting registrations are required to be resubmitted for validation after ten (10) years from the registration date in accordance with CSA B51, Clause 4.2.1.

Should you require anything further, please do not hesitate to contact the Codes and Standards Compliance Office at your convenience.

Yours truly,

Athan Syrgiannis, P.Eng.
Codes and Standards Compliance

Remarks:

CRN renewal. Conditional upon compliance with the notes on the original TSSA registration.

A valid quality control program must be maintained at the production facilities for the fitting registration to remain valid until the expiry date.

See Worldwide Locations Appendix (rev. June 17, 2020) for list of manufacturing locations.

Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, LEONARD AMBROSINI,
GENERAL MANAGER
(company title, e.g. vice president, plant manager, chief engineer)
(must be in a position of authority in the manufacturing plant where the fitting is produced)

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

of: ENDRESS+HAUSER CONDUCTA INC.
(name of manufacturer)

Endress+Hauser 

located at: SEE ATTACHED WORLDWIDE LOCATIONS APPENDIX
(Plant Address – Apt/Street) (City,Prov) (Postal Code)

do solemnly declare that the fittings listed hereinunder, which are subject to the **Saskatchewan Boiler and Pressure Vessel Safety Act** (check one)

- Comply with the requirements of ASME B31.1, B31.3 which specifies the dimensions, Materials of construction, pressure / temperature ratings and identification marking of the fittings, or
(title of recognized North American Standard)
- 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, 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 manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, ISO 9001:2015 SQS as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are CATEGORY F

In support of this application, the following information, calculations and / or test data are attached:
DRAWINGS, CALCULATIONS, REPORTS, SCOPE OF CRN

II. Declaration

DECLARED before me at _____ In the _____ of _____
this _____ day of _____

LEONARD AMBROSINI (print name) _____ (Signature) 2022-09-20
See attached acknowledgment
(Signature of Commissioner of Oaths)

III. Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the **Boiler and Pressure Vessel Safety Act** and CSA B51, Clause 4.2, and is accepted for registration in Category _____



**Technical
Safety Authority
of Saskatchewan**

Registration No. 0F15714.53
File No. 13496
Registered
Date: February 15, 2023
Expiry Date: January 10, 2033
Codes & Standards Compliance Office

(Date Registered – MM DD YYYY)
(For the Administrator / Chief Inspector)

(Expiry Date – MM DD YYYY)

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 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) (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.

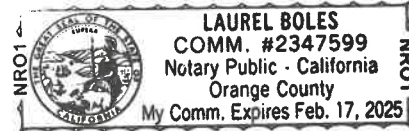
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Notary Public Signature

(Notary Public Seal)



ADDITIONAL OPTIONAL INFORMATION

DESCRIPTION OF THE ATTACHED DOCUMENT

Saskatchewan Statutory Declaration

(Title or description of attached document)

Registration 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.

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



Technical Safety Authority
 of Saskatchewan

Registration No. 0F15714.53
 File No. 13496

Registered
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Codes & Standards Compliance Office

10-Oct-22

Page 1 of 2

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

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.	
			---	CPS97E-*****+*	+135 °C / 275 °F	11 bar / 160 psi abs.	TI01617C
			---		+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 F 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

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

