

REGISTRATION OF A PRESSURE FITTING DESIGN

December 6, 2023

TSSA
345 Carlingview Dr.
Toronto, ON
Canada
M9W 6N9

Attention: Cecylia Garbacz

File Number: 10090

Re: Manufacturer: Endress+Hauser Conducta Inc
Item: CLS13 Conductivity Sensor
Catalog or Drawing: Per Scope of Registration (25-Jul-23) & Design Report R-1886 Rev. 0

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:

OH16574.53

Expiry Date: 2033-10-24

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:

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

Registration conditional upon compliance with the notes on the original TSSA registration.

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

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



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, (title of recognized North American Standard) Materials of construction, pressure / temperature ratings and identification marking of the fittings, 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, 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 H

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 _____,
(print name) (Signature) 5-10-23
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. 0H16574.53
File No. 100090
Registered
Date: December 6, 2023
Expiry Date: October 24, 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 05/10/2023 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.



Laurel Boles
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 05/10/2023

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

Description	EH TI Document	Drawings	Design Standard	Process Connections
Condumax CLS13	TI00083C/07/EN/14.22-00 71576069 2022-06-30	134125-0415-2A Rev "-" 136538-3A Rev "-" EH-CRN-2 Rev. 0	ASME B31.3, ASME B31.1	1" MNPT, BSP G1 Thread

Material of Construction	MAWP at 100°F	MAWP at 482°F	MDMT	Design Report
UNS S31635 ASTM A240-316TI, ASTM A479-316TI, ASTM A182-316TI	580 psig at 100°F (595 psi absolute at 100°F)	580 psig at 482°F (595 psi absolute at 482°F)	-4°F	R-1886 Rev. 0

Note 1) MAWP = Maximum Allowable Working Pressure, MDMT = Minimum Design Metal Temperature.

Note 2) In accordance with ASME B31.1 para. 123.1.2(D) when this product is manufactured from the ASME B31.1 unlisted material ASTM A240-316TI, A479-316TI or A182-316TI 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

