

Montréal, 9 mars 2023.

MADAME CECYLIA GARBACZ
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO ONTARIO
CANADA M9W 6N9

Fabricant : ENDRESS + HAUSER CONDUCTA INC
4123 EAST LA PALME AVE. S 200
ANAHEIM CA
USA 92807

Numéro de dossier : 946508
Numéro(s) de dessin(s) : Scope of registration 10 oct 2022

Objet : Enregistrement des plans et devis – Confirmation de l'enregistrement

Bonjour,

Nous vous informons que votre demande d'enregistrement de plans et devis a été traitée et que cette conception a été enregistrée sous le numéro d'enregistrement canadien (NEC\CRN) suivant : **0F15714.56**.

Nous portons votre attention sur certaines exigences réglementaires concernant les installations sous pression, ainsi que des codes et normes qui y sont associés :

- Le fabricant doit maintenir un programme de contrôle de la qualité valide pour fabriquer un équipement selon ce NEC;
- Ce numéro d'enregistrement demeure valide tant et aussi longtemps que les paramètres de conception demeurent inchangés. Dans le cas d'accessoires, l'enregistrement est valide pour une durée de 10 ans à partir de la date d'enregistrement. Les documents de conception doivent alors être resoumis pour validation;
- Le fabricant doit nous transmettre une copie de la *Déclaration de conformité du constructeur (Manufacturer's Data Report)* pour chaque appareil ou chaudière fabriqué selon ce NEC dans les 30 jours suivant la signature de cette déclaration;
- Le numéro de dessin enregistré et le numéro de révision doivent être indiqués sur la déclaration de conformité pour les équipements fabriqués selon ce NEC.

Le présent avis d'approbation ne dégage pas le fabricant de ses responsabilités quant à la conception ou à la construction des équipements ou d'accessoires fabriqués selon un NEC.

Bureau d'expertise et d'homologation en équipements sous pression

Montréal

545, boul. Crémazie Est, 7ième étage

Montréal (Québec) H2M 2V2

Téléphone : 514 873-6459

Sans frais : 1 866 262-2084

www.rbq.gouv.qc.ca

Montréal, le 9 mars 2023.

MRS. CECYLIA GARBACZ
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
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CANADA M9W 6N9

Manufacturer : ENDRESS + HAUSER CONDUCTA INC
4123 EAST LA PALME AVE. S 200
ANAHEIM CA
USA 92807

OUR REFERENCE : 946508
Design number : Scope of registration 10 oct 2022

Subject: Design registration confirmation

Hi,

We wish to inform you that your design registration application has been evaluated and that it was registered under the following Canadian Registration Number (CRN): **0F15714.56**.

The following is a reminder of your obligations regarding certain requirements of the regulation respecting pressure vessels, and the referenced codes and standards:

- The manufacturer must maintain a valid quality control program to manufacture equipment according to the CRN.
- The CRN remains valid as long as there are no changes to the design calculations that might affect the pressure boundary. The design registration of fittings expires 10 years after acceptance. It must, therefore, be resubmitted for validation.
- The manufacturer shall submit a copy of the *Manufacturer's Data Report* to us for each equipment manufactured according to this CRN within 30 days following the signing of this report.
- The drawing number and the revision number registered under this CRN must be indicated on the *Manufacturer's Data Report* for equipment manufactured according to the CRN.

This notice of approval does not relieve the manufacturer of their responsibilities with respect to the design or fabrication of equipment manufactured according to this CRN.

Yours sincerely,

Bureau d'expertise et d'homologation en équipements sous pression

Montréal

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Building Act (B-1.1)
Regulation respecting pressure vessels (B-1.1, r. 6.1)
Boiler, pressure vessel, and pressure piping code (CSA B51)

This declaration must be filled out and sent to the Régie du bâtiment du Québec (RBQ) by pressure fitting manufacturers when they make an application registration for fittings.

For more information on the application registration for fittings, consult the www.rbq.gouv.qc.ca/fittings-pv.


1. Fittings to register

List the fittings included in this declaration and that you wish to register.

N°	Description	Additional information (detail, calculations or approval sheets)
1	SENSORS	
2	SCOPE OF CRN, REPORTS	
3	DRAWINGS	
4	CALCULATIONS	
5	COMPANY LOGO - SEE RIGHT	

2. Declaration of the person in charge

The person in charge is someone in a position of authority, such as a vice-president, a plant manager or a chief engineer.

2.1 Design	
I, the undersigned, <u>Leonard Ambrosini</u>	<u>General Manager</u>
(Name of the person in charge)	(Title of the person in charge)
from <u>Endress+Hauser Conducta Inc</u> ,	<u>See Attached Worldwide Locations Appendix</u>
(Company's name)	(Plant's address)
hereby declare that the above-mentioned fittings and subject to the Regulation respecting pressure installations:	
<input checked="" type="checkbox"/> comply with the requirements of the ANSI/ASME codes as to their dimensions, identification, material and purpose or ASME B31.1, ASME B31.3	
<input type="checkbox"/> are not covered by the ANSI/ASME codes, but are in compliance with _____ (Name of code or standard)	
code or standard and are designed according to the best current engineering practice, as proven by the enclosed approval report.	
2.2 Manufacturing quality control	
I further declare that the manufacture of these fittings is controlled by a quality control program that complies with the requirements of the following code: <u>ISO 9001:2015</u> , and has been verified by <u>SQS</u>	
(Name of code) (Authorized agency)	
Signature of the person in charge: 	Date (yyyy-mm-dd): <u>2022-09-20</u>

3. Declaration of commissioner for oaths

I certify that this declaration has been administered before me, at _____, on _____.	
(Location)	(Date (yyyy-mm-dd)):
Signature of commissioner for oaths:	Date (yyyy-mm-dd):
Stamp the seal: <i>See attached acknowledgment</i>	

4. Registration confirmation (for RBQ's use only)

As far as I know, this application complies with the requirements of the Act and with standard CSA B51, Part 1, section 4.2, and is accepted for registration in the class _____.	
This registration expires in ten (10) years after the date of registration indicated above, and it must be validated again after this period.	
Canadian registration number (CRN):	Registration date (yyyy-mm-dd):



Documents to attach

Any application registration for fittings must include these documents:

- Statutory Declaration Registration of Fittings (2 copies)
- Detailed calculations or burst test report (1 copy)
- Detailed technical drawings or catalogues (2 copies)
- Example of the manufacturer's marking (1 copy)
- Proof that a valid and approved quality control program has been implemented (1 copy)
- Form Application for design registration (1 copy)

Sending the form

This declaration is necessary to submit an application for design registration. Design registration applications must be sent by email only to enregistrementdesplans@rbq.gouv.qc.ca.

✓ Documents must be in PDF format and in separate files.

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



10-Oct-22

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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.	
			---	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

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