



To:	TSSA	From:	Janet Townsend
Company:	Endress and Hauser	Phone:	416-747-4291
Pages:	4	Location:	Toronto
Our File:	ANR-3659	Date:	September 4, 2015

Your File: 167772

Subject: Request for Design Registration

Dear Ms. Francis,

CSA has reviewed the documentation submitted by TSSA on behalf of Endress and Hauser. These fittings have been registered by CSA for the Province of Québec. In accordance with an agreement between CSA, the Provinces of Québec and Saskatchewan; this registration is recognized by Quebec and Saskatchewan. These fittings are acceptable for use in these Provinces.

The letters CSA will be applied as a prefix to the CRN indicate which fittings have been registered in this manner. A copy of the stamped Statutory Declaration is attached.

The CRN is CSA-0F1251.06.

The cost for this service is \$ 760.00 plus HST.

A copy of the Statutory Declaration with an original stamp affixed will be forwarded to you along with our invoice by regular mail.

Yours truly

A handwritten signature in blue ink that reads 'Janet Townsend'.

Janet Townsend

Account Manager

CSA Group

janet.townsend@csagroup.org

www.csagroup.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
EH

STATUTORY DECLARATION
Registration of Fittings

I, MIKE YOUROSKI, QUALITY MANAGER

(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of ENDRESS+HAUSER CONDUCTA INC.

(Name of Manufacturer)

Located at 4123 LA PALMA AVE., ANAHEIM, CA, USA, 92807

(Plant Address)

1-714-577-5600

(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

(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 ASME VIII-1 PROOF TEST 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 9001:2008 which has been verified by the following authority, SQS

The items covered by this declaration, for which I seek registration, are category F Fittings - CLS50/50D type fittings. In support of this application, the following information and/or test data are attached as follows:

PROOF TEST REPORT, DRAWINGS

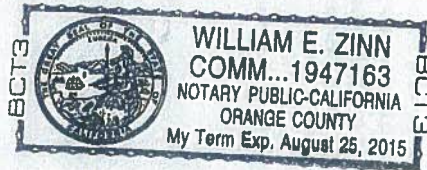
(drawings, calculations, test reports, etc.)

Declared before me at Anaheim in the County of Orange
 the 20 day of March AD 2015.

Commissioner for Oaths:

William E. Zinn
(Printed name)

[Signature]
(Signature)



Mike Youroski
(Signature of Declarer)

FOR OFFICE USE ONLY

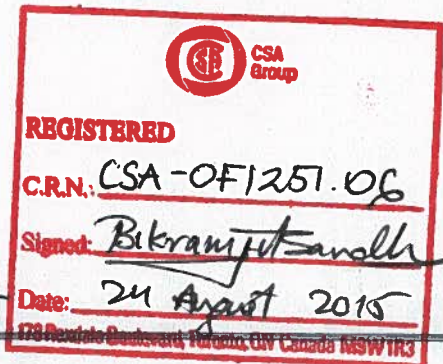
To the best of my knowledge and belief, the application meets the requirements of the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category F

CRN: CSA-OF1251.06

Registered by: B. SANDHU

Dated: AUGUST 24, 2015

NOTE: This registration expires on APRIL 13, 2025



***Note:** See the attachment for the scope of the registration

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

25-May-15



ATTACHMENT TO

CRN: CSA-0F121.06

SCOPE OF CRN REGISTRATION

Signed: *Bikramjit Smolhuys*

Model	Sensor Material	CRN Maximum Allowable Working Pressure (F)	CRN Maximum Allowable Working Temperature (F)
CLS50/CLS50D	PFA	290	257
CLS50/CLS50D	PEEK	290	356
CLS50D		CLS50	
<p>Approval</p> <p>AA Non-hazardous area</p> <p>BA Atex II 1G Ex Ia IIC T4/T6</p> <p>BV Atex II 3G Ex nL IIC T4/T6 + NEPSI Ex nL IIC T4/T6</p> <p>C2 CSA IS NI Cl. I, II, III, Div. 1&2, Group A-G</p> <p>FB FM IS NI Cl. I, II, III, Div. 1&2, Group A-G</p> <p>NA NEPSI Ex Ia IIC T4/T6</p> <p>Process Connection</p> <p>A Lap joint flange DN 50 PN 10, PP-GF</p> <p>B Lap joint flange ANSI 2" 150 Lbs, PP-GF</p> <p>C Lap joint flange JIS 10 K 50 A, PP-GF</p> <p>1 Thread G3/4"</p> <p>2 Thread NPT 1", PEEK</p> <p>3 Flange DN 50 PN 16, stainless steel 1.4404(AISI 316L)</p> <p>4 Flange ANSI 2" 300 Lb., stainless steel 1.4404 (AISI 316L)</p> <p>5 Flange DN 50 PN 16, stainless steel 1.4404 (AISI 316L), PTFE sealing disk</p> <p>6 Flange ANSI 2" 300 Lb., stainless steel 1.4404 (AISI 316L), PTFE sealing disk</p> <p>7 Flange JIS 10 K 50 A, stainless steel 1.4404 (AISI 316L), PTFE sealing disk</p> <p>8 Flange DN 50 PN 16, stainless steel 1.4404 (AISI 316L), welded PFA sealing plate sensor</p> <p>Material: sensor, seal, adapter</p> <p>B PEEK, VITON, PEEK</p> <p>C PEEK, CHEMZRAZ, PEEK</p> <p>D PFA, CHEMZRAZ, stainless steel 1.4571 (AISI 316 Ti)</p> <p>Cable length</p> <p>1 3 m (9.84 ft)</p> <p>2 7 m (23 ft)</p> <p>3 15 m (49 ft)</p> <p>7 ... m fixed cable, max 50 m</p> <p>8 ... ft fixed cable, max 164 ft</p> <p>Cable connection</p> <p>1 Fixed cable, terminated cable cores</p> <p>2 Fixed cable, M12 plug</p> <p>order code</p>			
CLS50D		CLS50D	

THIS IS PART OF
CRN 0F1251.05
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program

Notes:

- When process connections A,B,C,3,4,5,6,7 or 8 are specified the flange used is to be complete with a CRN Number and the maximum operating conditions are limited to the above CRN Pressure/Temperature ratings or the flange code of construction ratings, whichever is more restrictive.
- When process connection 2 is specified the maximum operating conditions are limited to the CRN Pressure/Temperature ratings.
- Other process connections not shown above may be supplied in different sizes, dimensions, pressure classes, materials, etc. as long as those process connection fittings are complete with a CRN. When other process connection fittings are supplied the maximum operating conditions are limited to the above CRN Pressure/Temperature ratings or to the connection fitting CRN registered code of construction, whichever is more restrictive.



Certificate

P205-211A

SQS herewith certifies that the company named below has a management system which meets the requirements of the standards specified below.

Endress+Hauser 

People for Process Automation

**Endress + Hauser Conducta
Gesellschaft für Mess-
und Regeltechnik mbH + Co. KG
70839 Gerlingen
Germany**

Certified area

Germany:

Endress+Hauser Conducta
70839 Gerlingen incl. manufacturing sites
04736 Waldheim and 64823 Groß-Umstadt

P. R. China

215021 Suzhou, Endress+Hauser Analytical Instruments Suzhou Co. Ltd.

USA

92807-1813 Anaheim, Endress+Hauser Conducta Inc.

Field of activity

Measurement technology for analysis of liquids

Standards

ISO 9001:2008

Quality Management System

ISO 14001:2004

Environmental Management System

OHSAS

Occupational Health and

18001:2007

Safety Management System

Swiss Association for Quality and
Management Systems SQS
Bernstrasse 103, CH-3052 Zollikofen
Issue date: April 1, 2014

This SQS Certificate is valid up to
and including March 31, 2017
Scope numbers 18, 19
Registration number 10705



Trusted Cert

X. Edelmann

X. Edelmann, President SQS

R. Glauser

R. Glauser, CEO SQS



SCESm 001



Swiss Made





Saskatchewan
Municipal
Government

Saskatchewan

Protection Services
330 - 1851 Victoria Avenue
Regina, Saskatchewan
S4P 3V7

787-4509

April 23, 1998

Re: Fittings Registration

The Province of Saskatchewan will be participating with Quebec, Manitoba and the Canadian Standards Association (CSA) in a pilot project for the registration of fittings. We will recognize registrations done by CSA and accept such fittings for use in Saskatchewan.

The letters CSA will be applied as a prefix to the CRN to indicate which fittings have been registered in this manner. I would appreciate if you could inform your clients of this additional marking requirement.

You may also inform your clients that fittings registered by CSA are accepted for use in Saskatchewan.

Yours truly,

N. Surtees, P. Eng.
Executive Director