



To:	TSSA	From:	Janet Townsend
Company:	Endress + Hauser Conducta Inc.	Phone:	416-747-4291
Pages:	12	Location:	Toronto
Our File:	ANR-4699	Date:	November 8, 2017

Your File: 2157094

**Subject: Request for Design Registration**

Dear Ms. Francis,

CSA has reviewed the documentation submitted by TSSA on behalf of Endress + Hauser Conducta Inc.

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-0H19578.56.

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**  
Program Manager  
CSA Group

178 Rexdale Blvd.  
Toronto, ON, M9W 1R3

Canada

[www.csagroup.org](http://www.csagroup.org)

### Statutory Declaration Registration of Fittings

REGISTERED



CRN: CSA-0H19578.56

**(a) Design Qualification**

1. MIKE YOUROSKI

(Name of applicant)

QUALITY MANAGER

(Position eg, president, plant manager, chief eng)

of ENDRESS+HAUSER CONDUCTA INC.

(name of company)

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

(plant address)

Registration Process administered by  
CSA Group per CSA B51

do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act:

comply with all the requirements of the ANSI/ASME codes as to their dimensions, material, identification & service for which are required: B31.1 & B31.3

Or  are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with \_\_\_\_\_ code and standard, and are designed to the best current engineering practice, as shown by the supporting test data.

**(b) Quality control of Manufacture**

I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of ISO 9001: 2008, and has been verified by the following authority or authorized agency SQS

The fittings<sup>2</sup> covered by this declaration, for which I seek registration, are CATEGORY H

In support of the application, the following information, calculations and/or test data are attached:

DRAWINGS, CALCULATIONS, REPORTS, SCOPE OF CRN

Declared before me at \_\_\_\_\_

In the of \_\_\_\_\_ of \_\_\_\_\_

The \_\_\_\_\_ day of \_\_\_\_\_ AD 2 0 0

See attached acknowledgment  
A (commissioner for oaths)

Michael Youroski  
Signature of Declarer

**For Official Use Only**

The application is accepted for registration in Category H in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51.

This registration must be revalidated after ten (10) years from the date of acceptance.

EXPIRY DATE: AUGUST 17, 2027

Registered Number CRN CSA-0H19578.56

For the Chief Inspector

Date



A. BANWATT

OCTOBER 18, 2017

<sup>1</sup> Three completed copied of Statutory Declaration form together with three copies of Catalogs, drawings of Bulletins illustrating above fittings shall be submitted.

<sup>2</sup> All fittings are required to be registered in the name of the Manufacturer.

<sup>3</sup> This form shall be completed and signed by the president of highest official in the manufacturing plant where the fitting is produced.



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

# 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 04/12/2017 before me, Laurel Boles  
(Here insert name and title of the officer)

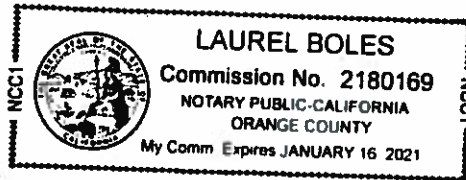
personally appeared Michael Youroski,  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) 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**

Statutory Declaration  
(Title or description of attached document)

Registration of Fittings  
(Title or description of attached document continued)

Number of Pages 1 Document Date 04/12/2017

**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.

**Statutory Declaration (Registration of Fittings)**

**TSK-1008**

**I. Declaration Information**

I, MIKE YOUROSKI  
QUALITY 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)

located at: 4123 LA PALMA AVE. ANAHEIM, CA 92807, USA  
(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 9001:2008 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 \_\_\_\_\_  
Michael Youroski Michael Youroski  
(print name) (Signature)  
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 H

**REGISTERED** CSA-0H19578.56   
(Registration Number) 10/18/2017 09/17/2027  
(Date Registered - MM/DD/YYYY) (Expiry Date - MM DD YYYY)  
**CRN:** CSA-0H19578.56 (For the Administrator / Chief Inspector) A. BANWATT

Registration Process administered by  
CSA Group per CSA B51



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

# CALIFORNIA ALL- PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

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State of California }

County of Orange }

On 04/12/2017 before me, Laurel Boles  
(Here insert name and title of the officer)

personally appeared Michael Youroski,  
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.

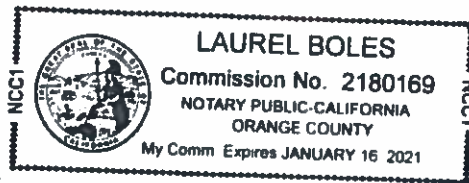
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

*Laurel Boles*

Notary Public Signature

(Notary Public Seal)



## ADDITIONAL OPTIONAL INFORMATION

### DESCRIPTION OF THE ATTACHED DOCUMENT

Statutory Declaration

(Title or description of attached document)

Registration of Fittings

(Title or description of attached document continued)

Number of Pages 1 Document Date 04/12/2017

### CAPACITY CLAIMED BY THE SIGNER

- Individual (s)  
 Corporate Officer

\_\_\_\_\_  
(Title)

- Partner(s)  
 Attorney-in-Fact  
 Trustee(s)  
 Other \_\_\_\_\_

## INSTRUCTIONS FOR COMPLETING THIS FORM

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- Print the name(s) of document signer(s) who personally appear at the time of notarization.
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- 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.



345 Carlingview Drive  
Toronto, Ontario M9W 5N9  
Tel: 416 734 3000  
Fax: 416 231 1525  
Toll Free: 1 877 682 8772

[www.tssa.org](http://www.tssa.org)

August 17, 2017

SCOTT ISLIP  
ROUND ENGINEERING INC  
10 SEGWUN RD  
WATERDOWN ON L8B 0K6  
CA

Service Request Type: BPV-Fitting Registration  
Service Request No.: 2132268  
Your Reference No.: EH-CRN-23  
Registered to: ENDRESS + HAUSER CONDUCTA INC

Dear SCOTT ISLIP,

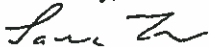
Technical Standards and Safety Authority (TSSA) is pleased to inform you that your submission has been reviewed and registered as follows:

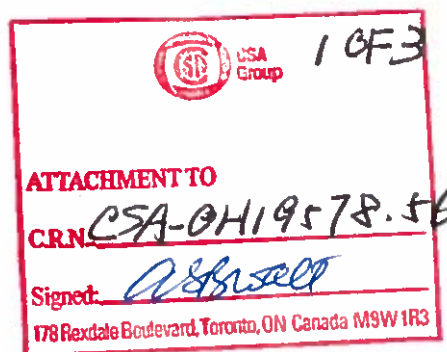
CRN No.: 0H19578.5  
Main Design No.: CPA 871 & CPA 875 - SEE SCOPE OF REGISTRATION  
Expiry Date: 17-Aug-2027

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

A stamped copy of the approved registration and invoice for engineering services will be mailed to you shortly. Should you have any questions or require further assistance, however, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail [customerservices@tssa.org](mailto: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,

  
Zivko Gacevic P. Eng.  
Mechanical Engineer, BPV  
Tel.: 416-734-3429  
Fax: 416-231-6183  
Email: [zgacevic@tssa.org](mailto:zgacevic@tssa.org)



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

THIS IS PART OF  
 CRN 0119578.1  
 Technical Standards & Safety Authority  
 Boilers & Pressure Vessels


2. 6.  
 8/17/17

01-Aug-17

Page 1 of 2

**SCOPE OF SAFETY REGISTRATION**

Item No. 1

PRODUCT DESCRIPTION		Design Standard	Process Connections	Drawings	EH TI Document
Description	ASME B31.3, ASME B31.1	CPA 871 Retractable Process Assembly	1) Thread NPT 1-1/2" 2) 2" and 3" CL 150 Flanged 3) 2", 2-1/2" ASME BPE, ISO2852, DIN32676 Clamp Ferrule (Note 3) 4) DN25 thread G1 1/4 Internal	403457, 402008-4415, 401715, 401716, 403426, 403428, 403438, 403456	T101191C/07/EN/03.16
<b>PRESSURE - TEMPERATURE RATINGS</b>					
MDMT	MAWP AT 100 F (Note 1,2)	MAWP AT 284 F (Note 1,2)			
Dependent on Material	232 psig	232 psig			
<b>MATERIALS OF CONSTRUCTION</b>					
Type 316L S.Steel UNS S31603 and/or Alloy C-22 UNS N06022					
STANDARD MATERIALS					
ATTACHMENT TO					
C.R.N. CJA-071978.56 NOTES					
Signed: 					
178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3					

Item No. 2

PRODUCT DESCRIPTION		Design Standard	Process Connections	Drawings	EH TI Document
Description	ASME B31.3, ASME B31.1	CPA 875 Retractable Process Assembly	1) 1-1/2", 2", 2-1/2" ASME BPE, ISO2852, DIN32676 Clamp Ferrule (Note 3) 2) DN50, DN65 Dairy fitting DIN11851 3) DN40-DN100 Varivent flange N (Note 4) 4) DN25 thread G 1 1/4 internal	402008, 401847, 401998, 401945, 402020, 402009, 402011, 401995, 401794	T101168C/07/EN/03.16
<b>PRESSURE - TEMPERATURE RATINGS</b>					
MDMT	MAWP AT 100 F (Note 1,2)	MAWP AT 284 F (Note 1,2)			
Dependent on Material	232 psig	232 psig			
<b>MATERIALS OF CONSTRUCTION</b>					
Type 316L S.Steel UNS S31603 and/or Alloy C-22 UNS N06022					
STANDARD MATERIALS					
NOTES					
None					
<b>NOTES</b>					
None					



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

01-Aug-17

Page 2 of 2

SCOPE OF CRN REGISTRATION CONTINUED

**MANUFACTURING LOCATIONS**

Endress+Hauser Conducta 70839 Gerlingen incl. manufacturing sites 04736 Waldheim and 64823 Gross-Umstadt, Germany	Endress+Hauser Conducta 215021 Suzhou, Endress+Hauser Analytical Instruments Suzhou Co. Ltd. P.R. China
Endress+Hauser Conducta 4123 LA Palma Ave., Anaheim, CA 92807, USA	

**Note 1)** Pressure-temperature ratings shown are for retractable assemblies supplied with a pneumatic drive. When the retractable assemblies are supplied with a manual drive the pressure-temperature rating is reduced to 116 psig at 284F in order to successfully operate the manual drive assembly under pressure.

**Note 2)** Maximum Design Pressure stated is for retractable assembly only and not the sensor being installed in the assembly. Pressure-temperature ratings may be limited by the sensor installed in the assembly. Consult sensor CRN for sensor pressure temperature ratings.

**Note 3)** The ferrule shall be used with a clamp, however the assembly clamp is not part of this CRN. Pressure-temperature ratings may be limited by the clamp type used in the joint assembly. The clamp used to complete the joint shall have its own CRN and shall have pressure-temperature ratings the same or higher than the ferrule ratings.

**Note 4)** The varivent joint utilizes a clamp, however the assembly clamp is not part of this CRN. Pressure-Temperature ratings may be limited by the clamp type used in the joint assembly. The clamp used to complete the joint shall have its own CRN and shall have pressure-temperature ratings the same or higher than the above product ratings.

**THIS IS PART OF**  
**CRN 0419578.5**  
 Technical Standards & Safety Authority  
 Boilers & Pressure Vessels  
 Safety Program

Z.C. 8/17/17

 39F3  
**ATTACHMENT TO**  
**CRN: CSA-0419578.5**  
 Signed:   
 178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3



# Certificate

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



**Endress+Hauser Conducta GmbH & Co. KG**  
Dieselstrasse 24  
70839 Gerlingen  
Germany

Scope of certification

According to appendix

Field of activity

Research and development, manufacturing and sales  
of measurement technology for liquid analysis

Normative basis

ISO 9001:2015	Quality Management System
ISO 14001:2015	Environmental Management System
OHSAS 18001:2007	Occupational Health and Safety Management System

Scope(s) 18, 19

Validity 01.04.2017 – 31.03.2020  
Issue 01.04.2017

Reg. no. 10705

  
X. Edelmann, President SQS

  
R. Glauser, CEO SQS



Swiss Association for Quality and  
Management Systems SQS  
Bernstrasse 103, 3052 Zollikofen, Switzerland





**Endress+Hauser Conducta GmbH & Co. KG**  
Dieselstrasse 24  
70839 Gerlingen  
Germany

Central Function	Field of activity	Scope(s)	Norm / Revision	Reg. no.	Validity
Endress+Hauser Conducta GmbH & Co. KG Dieselstrasse 24 / Postfach 100 154 70839 Gerlingen Germany	Research and development, manufacturing and sales of measurement technology for liquid analysis	18, 19	ISO 9001:2015 ISO 14001:2015 OHSAS 18001:2007	10705	01.04.2017 31.03.2020

Locations	Field of activity	Scope(s)	Norm / Revision	Reg. no.	Validity
Endress+Hauser Conducta GmbH & Co. KG Siemensstraße 2 64823 Groß-Umstadt Germany	Research and development, manufacturing and sales of measurement technology for liquid analysis	18, 19	ISO 9001:2015 ISO 14001:2015 OHSAS 18001:2007	10705	01.04.2017 31.03.2020
Endress+Hauser Conducta Waldheim Gewerbegebiet Richzenhain Landsberger Straße 28 04736 Waldheim Germany	Research and development, manufacturing and sales of measurement technology for liquid analysis	18, 19	ISO 9001:2015 ISO 14001:2015 OHSAS 18001:2007	10705	01.04.2017 31.03.2020
Endress+Hauser Conducta, Inc. 4121 East La Palma Ave, Suite 200 Anaheim, CA 92807 United States of America	Research and development, manufacturing and sales of measurement technology for liquid analysis	18, 19	ISO 9001:2015 ISO 14001:2015 OHSAS 18001:2007	10705	01.04.2017 31.03.2020
Endress+Hauser Analytical Instruments (Suzhou) Co., Ltd. 491 Su-Hong-Zhong-Lu China-Singapore Industrial Park Suzhou, Jiangsu Province China	Research and development, manufacturing and sales of measurement technology for liquid analysis	18, 19	ISO 9001:2015 ISO 14001:2015 OHSAS 18001:2007	10705	01.04.2017 31.03.2020

*X. Edelmann*  
X. Edelmann, President SQS

*R. Glauser*  
R. Glauser, CEO SQS



Swiss Association for Quality and Management Systems SQS  
Bernstrasse 103, 3052 Zollikofen, Swiss



178 Rexdale Blvd.  
Toronto, Ontario  
Canada M9W 1R3  
Tel: (416) 747-4000  
[www.csagroup.org](http://www.csagroup.org)



March 2017

## **CRN – Canadian Registration Numbers - Saskatchewan**

The Province of Saskatchewan participates with Quebec and the Canadian Standards Association (CSA Group) for the registrations of “Fittings”.

Per an agreement with CSA Group in April 1998, Saskatchewan recognizes registrations done by CSA Group and accepts such fittings for use in Saskatchewan.

The letters “CSA” are applied as a prefix to the CRN to indicate which “Fittings” have been registered in this manner. You should inform your clients of this additional marking requirement and that “Fittings” registered by CSA Group are accepted for use in Saskatchewan Canada.