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TECHNICAL SAFETY BC

Suite 600 - 2889 E 12th Ave Vancouver, BC V5M 4T5

Toll Free: 1-866-566-7233 www.technicalsafetybc.ca

TITAN RESEARCH GROUP 200-1920 YONGE STREET TORONTO ON M4S 3E6 CANADA Date: August 24, 2022 Account #: 60267

Journal #: 80909

Attn: TITAN RESEARCH GROUP

Re: Application for Design Registration

The design, as detailed in your, Liquitrend QMW43; Liquipoint FTW33, SOR, for a Fitting is accepted for registration as follows:

Registered To: ENDRESS + HAUSER SE + CO. CRN: 0F15498.51

KG

Drawing #: SOR-960014827 Drawing Revision: A

This design was registered based on a technical review performed by the province of initial registration in accordance with the Association of Chief Inspectors policy on reciprocal recognition of design review.

#### **Reviewer's Notes:**

As required by CSA B51 4.2.1, this registration expires on 18-Jul-2032. This CRN is valid until the expiry date as long as the Manufacturer maintains a valid quality control program verified by an acceptable third-party agency until that date. Should the certification of the quality control program lapse before the expiry date, this registration shall become void. Any additional conditions of registration stated in TSSA CRN# 0F15498.5R2 registration shall apply to BC registration.

Contact me if you have any questions. The invoice for registration will be forwarded under separate cover.

Emilia Tam

emilia.tam@technicalsafetybc.ca Design Administration

cc:

(PROD) 30400-20 GST #: 87391 2802 RT0001



9410 - 20 Ave N.W. Edmonton, Alberta, Canada T6N 0A4

Tel: (780) 437-9100 / Fax: (780) 437-7787

August 24, 2022

Attention: Rob McGregor TITAN RESEARCH GROUP 1920 YONGE STREET 2ND FLOOR TORONTO, ON M4S 3E2

The design submission, tracking number 2022-04504, originally received on August 10, 2022 was surveyed and accepted for registration as follows:

**CRN:** 0F15498.52 **Accepted on:** August 24, 2022

**Reg Type:** ADDITION TO ACC. FITTING **Expiry Date:** July 18, 2032

Drawing No.: SOR-960014827 Rev A As Noted

Fitting type: Measuring devices

Design registered in the name of : ENDRESS + HAUSER SE + CO KG

#### The registration is conditional on your compliance with the following notes:

Clamps shall have ABSA CRN before operation. .

As indicated on AB-41 Statutory Declaration or AB-351 Declaration of Conformity form and submitted documentation, the code of construction are ASME B31.1 and ASME B31.3.

- It is our understanding that the fitting(s), included as the scope of this submission, that is(are) subject to the Safety Codes Act shall comply with the requirements of the indicated Standard or Code of Construction on the AB-41 Statutory Declaration or AB-351 Declaration of Conformity as supported by the attached data which identifies the dimensions, materials of construction, press./temp. ratings and the basis for such ratings, and the identification marking of the fittings.
- This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration or AB-351 Declaration of Conformity form.
- This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency, and maintains a valid Certification of Authorization Permit if required by the jurisdiction where manufacturing takes place, until that date.
- Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3330 or fax (780) 437-7787 or e-mail grynchuk@absa.ca.

Sincerely,

GRYNCHUK, MILLA, P. Eng.

DOP Cert. No. D00005217

2022-04504 Page 1 of 1



Tracking #:\_\_\_\_



# STATUTORY DECLARATION Registration of Fittings Single or Multiple Fitting Designs within one Fitting Category

l,	Christopher Proios	,	Quality Manag	er		manufacturer's logo or trademark as it will appear on the fitting.
of	(name of applicant) Endress+Hause		(position title) (must , see "Worldwide		authority)	Endress+Hauser 🖪
locate	d at Hauptstrasse	1, 79689 Ma		orldwide Loc	ations"	
	emnly declare that the tonly one)	**	ant address) hereunder, which a	are subject to t	he Safety Co	des Act
	comply with the requ		title of recognized North			cifies the dimensions,
	materials of construc		-		*	g of the fittings, or
	are not covered by th	e provisions	of a recognized Nor	th American st	andard and a	re therefore
	manufactured to com	A 5	AE B31.3-2020; A			pported by the
	attached data which					/temperature ratings
	and the basis for suc					remperature ratings
		augo, aa	and identification in	idiking of tho i	ittirigo.	
I furthe	er declare that the ma	nufacture of th	nese fittings is cont	rolled by a qua	lity control pro	ogram which has been
	d as described in the b					
	rd, regulation, code, g					-
	seek registration are					by the declaration for
Willow	r dook rogion and	do providou i	п то очрыстопа	ry Oncol(s) all	doned.	
Qualit	y Program Verification	on and Manu	facturing Sites			
	of the Quality Certific			must be inclu	dod	
д сору		ate nom each	i manufacturing site	inust be inclu	aea	
Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Don Location(s) Plant Name and address
1.	SOR: 960014827	ISO 9001:2015	SEE QA CERT	04-04-2025	sQs	SEE QA CERT.
2.						
						(





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

Liquipoint FTW33, Liquitrend QMW43 Sanitary: 1", 1.5", 2"; DIN 11851 DN25, DN32, DN40, DN50; SMS 1-1/2; E+H proprietary weld adapter ≤65mm diameter; Varivent DN25, DN32, DN40, DN50; DIN 228 G1", G3/4"; ASME B1.13M M24 x 1.5; SA479 316L; SB-574 C-4; 25 bar; -20C to 150 C; drawing 960014484, 960014714, 960015348

(Signature of the Declarer)	12 Mai 2022 (Date)
DECLARED before me at in the _	of (province, territory, or state)
this day of,	(Year)
(print)  (a Commissioner of Oaths or Notary Public)  (sign)  (a Commissioner of Oaths or Notary Public)	DUE TO COVID NOTARIZATION IS NOT POSSIBLE
(expiry date (mm/dd/yy))  Commissioner of Oaths / Notary Public in and for:	(province, territory, or state)
To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CS Standard B51, Part 1, Clause 4.2, and is accepted for registration in Category	SA 2022-04504 ARSA
Togistration in Oatogory	SAFETY CODES ACT - PROMINCE OF ALBERTA  ACCEPTED: OF15498, 52
CRN:	See acceptance letter for conditions of registration.  Date: 2022-08-24 By:
CRN:Registered Date:Expiry Date:	See acceptance letter for conditions of registration.  Date: 2022-08-24 By:

Scope of Registration (SOR-960014827, Rev. A)

Liquipoint FTW33, Liquitrend QMW43

Code of Construction ASME B31.3



People for Process Automation

	Process	connection	Materials of Construction	Maximum Design Pressure (bar) and Temperature (°C)	Relevant Drawing
Туре	Design	Pressure components		-	
	ISO 2852 Tri-Clamp	Sanitary: 1", 1.5", 2"			
	DIN 11851 Tube connection and slotted nut	DN25, DN32, DN40, DN50			
LIQUIPOINT FTW33	SMS Adaptor connection and slotted nut	1-1/2"	UNS S31603, SA-479, (316L 1.4435, 1.4404)	25 bar,	Drawing No: 960014484
LIQUITREND	E+H proprietary weld adapter	≤ Ø65mm	UNS N06455, SB-574, C-4(2.4610)	-20°C to 150°C	960014714 960015348
QMW43	Varivent N/F	DM25, DN32, DN40, DN50			
	Whitworth Pipe Thread standard DIN/ISO 228	G1", G3/4"			
	ASME B1.13M	M24×1.5			

#### Notes:

- 1. Refer to E+H Technical Description 960014827- for design calculations and test results.
- 2. The above fittings are for use with expansible fluids and fluids more hazardous than water and do not meet exemption requirements under current Canadian regulations.



(Supplemental Sheet for AB-41) AB-41 2019-08

The pressure equipment safety an...

Table 1\*\* Scope of Fitting Designs

	Reference	Catalogue (pages) or Drawing(s)		
		Design Code(s) of Construction		
		Pressure Class(es) / Schedule(s)		
	essure	At Maximum Temperature		
	Rated Pressure	At Ambient Temperature		
		МБМТ		
	Port	Connections and Size Range		
Jesigns		Material of Construction		
lable I scope of Fitting Designs	Primary	Pressure Bearing / Retaining Component		
lable I Sc		Item #		

Table 2 Additional Scope Information

List/Attach Additional Detail and References (Product Configurations, Options, Illustrations, etc.)

Example:

Series X Options

\*\* For additional alternatives of Table 1, refer to Form AB-41a, Guide for Completing Form AB-41



#### WORLDWIDE LOCATIONS APPENDIX

# ENDRESS+HAUSER SE+Co. KG MANUFACTURING LOCATIONS & CERTIFYING AUTHORITIES

(rev. 22/Jan/2020)

Endress+Hauser SE+Co. KG

Hauptstrasse 1 79689 Maulburg, Germany ISO 9001 Certified by SQS

Endress+Hauser (Suzhou) Automation Instrumentation Co. Ltd.

China – Singapore Industrial Park (SIP) Su Hong Zhong Lu No. 491 Jiangsu Province, 215021 Suzhou, P.R. China ISO 9001 Certified by SQS

Endress+Hauser (India) Automation Instrumentation Pvt. Ltd.

M-192, Waluj MIDC Aurangabad – 431136, Maharashtra State, India ISO 9001 Certified by SQS

Endress+Hauser Yamanashi Co., Ltd.

862-1 Mitsukunugi Sakaigawa-cho Fuefuki-shi 406 0846 Yamanashi, Japan ISO 9001 Certified by SQS

Endress+Hauser (USA)
Automation Instrumentation Inc.
2340 Endress Place
Greenwood, Indiana 46143, USA
ISO 9001 Certified by SQS

Endress+Hauser (Brazil) Instrumentação e Automação Ltda. Estrada Municipal Antonio Sesti 600 Bairro Recreio Costa Verde Itatiba/SP – 13254-085, Brazil ISO 9001 Certified by SQS

Endress+Hauser SE+Co. KG Queremathe 2 14532 Stahnsdorf Germany ISO 9001 Certified by SQS



2202 2nd Avenue Regina, SK S4R 1K3 Canada 1 (866) 530-8599 info@tsask.ca www.tsask.ca

#### REGISTRATION OF A PRESSURE FITTING DESIGN

09-Sep-22

Titan Research Group 1920 Yonge Street Toronto, Ontario M4S 3E2

Attention: Rob McGregor File Number: 13243 [ 0 F]

Re: Manufacturer: Endress+Hauser SE+CO KG

Item: Liquipoint FTW33, Liquitrend QMW43

Catalog or Drawing: Scope of Registration (SOR-960014827, Rev. A)

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:

0F15498.53 Expiry Date: July 18, 2032

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,

Williams Uju, 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.

2202 2nd Ave. Regina, SK S4R 1K3

PH: (306)798-7112 Toll Free: (866)530-8599 FAX: (306)787-9273 Toll Free: (866)760-9255

Email: boilerpermits@tsask.ca Website: www.tsask.ca



### Statutory Declaration (Registration of Fittings)

		TSK-1008
I. Declaration Information		
I, Christopher Proior	,	
Quality Manager		
(company title, e.g. vice president, plant mana (must be in a position of authority in the manufacturing pla		Endress+Hauser 🖽
of: Endress+Hauser SE+CO KG, see "World		
(name of manufacture	- /	T
Hauptstrasse 1, 79689 Maulbu   (Plant Address – Apt/Street)	rg, Germany, see "Worldwide" (City,Prov)	Locations" (Postal Code)
do solemnly declare that the fittings listed hereinung Vessel Act (check one)	, , ,	,
O Comply with the requirements of	which sp	pecifies the dimensions,
(title of reco Materials of construction, pressure / tempera	gnized North American Standard)	
Are not covered by the provisions of a recog to comply with <u>ASME B31.3-2020, ASME B3</u> data which identifies the dimensions, materi for such ratings, and the marking of the fitting	al.1- 2020eals of construction, pressure / temp	s supported by the attached
I further declare that the manufacturer of these fittin verified by the following authority, SQS of these fittings to the stated standard. The fittings	as being	suitable for the manufacturer
C ategory F		
In support of this application, the following information	on, calculations and / or test data a	re attached:
Liquipoint FTW33, Liquitrend QMW43 Sanitary: 1", 1 weld adapter ≤65mm diameter; Varivent DN25, DN32 SA479 316L; SB-574 C-4; 25 bar; -20C to 150 C; drawin	2, DN40, DN50; DIN 228 G1", G3/4"; A	SME B1.13M M24 x 1.5;
II D. L. C.	The Section States and the Section Sec	
II. Declaration	2000年,1900年,2018年,1900年	
DECLARED before me at	_In the	_of
thisday of		12. Mai 2022
(print name)	(Signature)	
(Signature of Commissioner of Oaths)		
III. Office Use Only  To the best of my knowledge and belief, the application in B51, Clause 4.2, and is accepted for registration in Category	neets the requirements of the <i>Boiler ar</i>	nd Pressure Vessel Act and CSA
(Registration Number)	(Date Registered – MM DD YYYY) (For the Chief Inspector)	(Expiry Date – MM DD YYYY)
Technical Safety Authority		

of Saskatchewan Registration No. 0F15498.53 13243 Registered September 09, 2022 July 18, 2032 Expiry Date: Codes & Standards Compliance Office

TSK-1008 Rev. 10/2019 Page 1 of 1



#### **WORLDWIDE LOCATIONS APPENDIX**

# ENDRESS+HAUSER SE+Co. KG MANUFACTURING LOCATIONS & CERTIFYING AUTHORITIES

(rev. 22/Jan/2020)

Endress+Hauser SE+Co. KG

Hauptstrasse 1 79689 Maulburg, Germany ISO 9001 Certified by SOS

Endress+Hauser (Suzhou) Automation Instrumentation Co. Ltd.

China – Singapore Industrial Park (SIP) Su Hong Zhong Lu No. 491 Jiangsu Province, 215021 Suzhou, P.R. China ISO 9001 Certified by SQS

Endress+Hauser (India) Automation Instrumentation Pvt. Ltd.

M-192, Waluj MIDC Aurangabad – 431136, Maharashtra State, India ISO 9001 Certified by SQS

Endress+Hauser Yamanashi Co., Ltd.

862-1 Mitsukunugi Sakaigawa-cho Fuefuki-shi 406 0846 Yamanashi, Japan ISO 9001 Certified by SQS

Endress+Hauser (USA) Automation Instrumentation Inc. 2340 Endress Place Greenwood, Indiana 46143, USA ISO 9001 Certified by SQS

Endress+Hauser (Brazil) Instrumentação e Automação Ltda. Estrada Municipal Antonio Sesti

600 Bairro Recreio Costa Verde Itatiba/SP – 13254-085, Brazil

ISO 9001 Certified by SQS

Endress+Hauser SE+Co. KG

Queremathe 2 14532 Stahnsdorf Germany ISO 9001 Certified by SQS Scope of Registration (SOR-960014827, Rev. A)

Liquipoint FTW33, Liquitrend QMW43

Code of Construction ASME B31.3



People for Process Automation

	Process	connection	Materials of Construction	Maximum Design Pressure (bar) and Temperature (°C)	Relevant Drawing
Type	Design	Pressure components			
	ISO 2852 Tri-Clamp	Sanitary: 1", 1.5", 2"			
	DIN 11851 Tube connection and slotted nut	DN25, DN32, DN40, DN50			
LIQUIPOINT FTW33	SMS Adaptor connection and slotted nut	1-1/2"	UNS S31603, SA-479, (316L 1.4435, 1.4404)	25 bar,	Drawing No: 960014484
LIQUITREND	E+H proprietary weld adapter	≤ Ø65mm	UNS N06455, SB-574, C-4(2.4610)	-20°C to 150°C	960014714 960015348
QMW43	Varivent N/F	DM25, DN32, DN40, DN50			
	Whitworth Pipe Thread standard DIN/ISO 228	G1", G3/4"			
	ASME B1.13M	M24×1.5			

#### Notes:

- 1. Refer to E+H Technical Description 960014827- for design calculations and test results.
- 2. The above fittings are for use with expansible fluids and fluids more hazardous than water and do not meet exemption requirements under current Canadian regulations.





August 31, 2022

Titan Research Group 1902 Yonge Street, 2nd Floor Toronto, ON M4S 3E2

#### Dear Rob McGregor,

#### Re: Reciprocal CRN Registration in Manitoba

As indicated by the Regulatory Reconciliation and Cooperation Table and the Reconciliation Agreement for the Canadian Registration Number (CRN) for Pressure Equipment, the design reviews conducted and accepted by the Canadian province or territory, or their delegated safety authority, will be mutually recognized in the Province of Manitoba. If a registration is conditionally based on compliance with the notes set by the original issuing Jurisdiction, such compliance shall be applied the same to this Province.

Your submission has been registered, as follows:

File Number: 74-R2561 CRN: 0F15498.54

Scope: SOR-960014827 Rev A

Manufacturer: Endress+Hauser SE+Co. KG, "Worldwide locations"

Expiry Date: 18 July 2032

Along with this letter is the invoice for registration.

In addition, every vessel shall be stamp of the registration number and as required by CSA Code B51, a Manufacturer's Data Report (MDR) must be forwarded to this office immediately at the time a unit is shipped to Manitoba. Send your MDR to <a href="mailto:qasupport@gov.mb.ca">qasupport@gov.mb.ca</a>. In your subject line, indicate "Manufacturer's Data Report-CRN No." A fee shall be billed to the Manufacturer to process data reports in accordance with the Steam and Pressure Plants Regulation section 17.1.

Please contact <a href="mailto:qasupport@gov.mb.ca">qasupport@gov.mb.ca</a> for any questions or concerns.

#### **Inspection and Technical Services**

Labour, Consumer Protection and Government Services 508 – 401 York Avenue, Winnipeg, MB R3C 0P8 **T** (204) 945-3373 | **F** (204) 948-2089



345 Carlingview Drive Toronto, Ontario M9W 6N9 Tel.: 416.734.3300 Fax: 416.231.1626 Toll Free: 1.877.682.8772

www.tssa.org

July 18, 2022

TITAN RESEARCH GROUP 1920 YONGE ST 2ND FLR TORONTO ON M4S 3E2

Workorder Type: Registration - Fitting(Conventional)

Workorder No: 8146774

Your Reference No.: JOB #LIQUITREND GMW43-33

Registered to: TITAN RESEARCH GROUP

Dear ROB MCGREGOR,

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

CRN: 0F15498.5R2

Main Design No.: SOR-960014827 Rev. A

Expiry Date: Jul 18, 2032

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

The stamped copy of the approved registration and the invoice are mailed separately (There will be no hard copies for electronic submissions). Should you have any questions or require further assistance, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail 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,

Andy Concister P. Eng.

Engineer, BPV

Tel.: +1 416-734-3349 Email: aconcister@tssa.org





STATUTORY DECLARATI Registration of Fittings	ON
I, Christopher Proios, Quality Manager  (Name and Position, e.g. President, Plant Manager, Chief Engineer,	
ofEndress+Hauser SE+CO KG, See also "Worldwide Locations"	
(Name of Manufacturer)	
Located atHauptstrasse 1, 79689 Maulburg, see also "Worldwide Location	ns"
(Plant Address) (Telepho	ne No.) (Fax No.)
do solemnly declare that the fittings listed hereunder, which are subject to the <i>Technic</i> and Pressure Vessels Regulation, comply with all of the requirements of	cal Standards and Safety Act, Boilers
(Title of recognized North American Standard) which specifies the dimensions, materials of construction, pressure/temperature ratings, identi	fication marking the fittings and service;
or are not covered by the provisions of a recognized North American standard and are ASME B31.3, ASME B31.1 2020 as supported by the attached data which identifies pressure/temperature ratings and the basis for such ratings, the marking of the fitting for	the dimensions, material of construction,
I further declare that the manufacture of these fittings is controlled by a quality system meeting which has been verified by the following authority, SQS	the requirements of <u>ISO 9001: 2015</u>
The items covered by this declaration, for which I seek registration, are category Category F	type fittings. In support of
this application, the following information and/or test data are attached as follows: SOR 960014827	
Declared before me at in the	of
the day of AD 20	
Commissioner for Oaths:	
(Printed name)	1
1.1/	12. Mai 2022
(Signature)	(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	Technical Boilers and Standards Pressure Vessels and Safety Safety Program Authority
CSA Standard B51 and is accepted for registration in Category	Authority
CRN: <u>0F15498.5R2</u>	REGISTERED
Registered by: A Concister	C.R.N.: 0F15498.5R2
Dated: July 18, 2022	Signed: A ( A)
<u> </u>	Date: July 18, 2022.

\*Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request.

PV 09553 (04/17)

Scope of Registration (SOR-960014827, Rev. A)

Liquipoint FTW33, Liquitrend QMW43

Code of Construction ASME B31.3



People for Process Automation

	Process	connection	Materials of Construction	Maximum Design Pressure (bar) and Temperature (°C)	Relevant Drawing
Type	Design	Pressure components			
	ISO 2852 Tri-Clamp	Sanitary: 1", 1.5", 2"			
	DIN 11851 Tube connection and slotted nut	DN25, DN32, DN40, DN50			
LIQUIPOINT FTW33	SMS Adaptor connection and slotted nut	1-1/2"	UNS S31603, SA-479, (316L 1.4435, 1.4404)	25 bar,	Drawing No: 960014484
LIQUITREND	E+H proprietary weld adapter	≤ Ø65mm	UNS N06455, SB-574, C-4(2.4610)	-20°C to 150°C	960014714 960015348
QMW43	Varivent N/F	DM25, DN32, DN40, DN50			
	Whitworth Pipe Thread standard DIN/ISO 228	G1", G3/4"			
	ASME B1.13M	M24×1.5			

#### Notes:

- 1. Refer to E+H Technical Description 960014827- for design calculations and test results.
- 2. The above fittings are for use with expansible fluids and fluids more hazardous than water and do not meet exemption requirements under current Canadian regulations.

## THIS IS PART OF CRN

0F15498.5R2

Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
Program



Montréal, le 23 août 2022.

MR. ROB MCGREGOR TITAN RESEARCH GROUP 1920 YONGE STREET SUITE 200 TORONTO ONTARIO CANADA M4S 3E2

Manufacturer: ENDRESS + HAUSER CANADA GMBH + CO. KG

HAUPTSTRASSE 1
MAULBURG GERMANY

DE-79689

**OUR REFERENCE: 947363** 

Design number: Liquipoint FTW33 SOR 960014827, REV. A

#### 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):**0F15498.56.** 

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

www.rbq.gouv.qc.ca



### **Statutory Declaration Registration of Fittings**

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.gc.ca/fittings-pv.

### 1. Fittings to register

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

Nº	Description	Additional information (detail, calculations or approval sheets)	
1	SOR 960014827	Scope of Registration Summary	
2			
3			
4			
5			

### 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	Christopher Proios	Quality Manager
	(Name of the person in charge)	(Title of the person in charge)
from Endress + Hauser SE + CO KG , located at Hauptstrasse 1, 79689 Maulburg, Germany		Hauptstrasse 1, 79689 Maulburg, Germany
	ompany's name)	(Plant's address)
hereby declare the	at the above-mentioned fittings and subject to t	the Regulation respecting pressure installations:
comply with the	ne requirements of the ANSI/ASME codes as to	their dimensions, identification, material and purpose
are not covere	ed by the ANSI/ASME codes, but are in complia	ASME B31.3-2020 ; ASME B31.1 - 2020
		(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 Manufacturin	ng quality control	20.01
I further declare th	nat the manufacture of these fittings is controlled	d by a quality control program that complies with the requirements of the
following code:	ISO 9001:2015 , and has been verified	by SQS
Tollowing code	(Name of code)	(Authorized agency)
Signature of the p	erson in charge: 1), 5	Date (yyyy-mm-dd): 12. Mai 2022

that this declaration has been administered before me, at		, on
	(Location)	(Date (yyyy-mm-dd)):
re of commissioner for oaths:		Date (yyyy-mm-dd):
he seal:	.7.	'

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

As far as I know, this application complies with the requirements of accepted for registration in the class	
This registration expires in ten (10) years after the date of registration	n indicated above, and it must be validated again after this period.
Canadian registration number (CRN):   Littegistré au Quélique   OF15498.56.	Registration date (yyyy-mm-dd):
Régie du bâtiment Québec 💠 😵	
Perue par la RBQ	

#### 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 <a href="mailto:enregistrementdesplans@rbq.gouv.qc.ca">enregistrementdesplans@rbq.gouv.qc.ca</a>.

Documents must be in PDF format and in separate files.

(2020-02) A Régie du bâtiment du Québec Page 2 de 2



#### WORLDWIDE LOCATIONS APPENDIX

# ENDRESS+HAUSER SE+Co. KG MANUFACTURING LOCATIONS & CERTIFYING AUTHORITIES

(rev. 22/Jan/2020)

Endress+Hauser SE+Co. KG

Hauptstrasse 1 79689 Maulburg, Germany ISO 9001 Certified by SQS

Endress+Hauser (Suzhou) Automation Instrumentation Co. Ltd.

China – Singapore Industrial Park (SIP) Su Hong Zhong Lu No. 491 Jiangsu Province, 215021 Suzhou, P.R. China ISO 9001 Certified by SQS

Endress+Hauser (India) Automation Instrumentation Pvt. Ltd.

M-192, Waluj MIDC Aurangabad – 431136, Maharashtra State, India ISO 9001 Certified by SQS

Endress+Hauser Yamanashi Co., Ltd.

862-1 Mitsukunugi Sakaigawa-cho Fuefuki-shi 406 0846 Yamanashi, Japan ISO 9001 Certified by SQS

Endress+Hauser (USA)
Automation Instrumentation Inc.
2340 Endress Place
Greenwood, Indiana 46143, USA
ISO 9001 Certified by SQS

Endress+Hauser (Brazil) Instrumentação e Automação Ltda.

Estrada Municipal Antonio Sesti 600 Bairro Recreio Costa Verde Itatiba/SP – 13254-085, Brazil ISO 9001 Certified by SOS

Endress+Hauser SE+Co. KG Queremathe 2 14532 Stahnsdorf

Germany

ISO 9001 Certified by SQS

Scope of Registration (SOR-960014827, Rev. A)

Liquipoint FTW33, Liquitrend QMW43

Code of Construction ASME B31.3



People for Process Automation

	Process connection		Materials of Construction	Maximum Design Pressure (bar) and Temperature (°C)	Relevant Drawing
Type	Design	Pressure components			
	ISO 2852 Tri-Clamp	Sanitary: 1", 1.5", 2"			
	DIN 11851 Tube connection and slotted nut	DN25, DN32, DN40, DN50			
LIQUIPOINT FTW33	SMS Adaptor connection and slotted nut	1-1/2"	UNS S31603, SA-479, (316L 1.4435, 1.4404)	25 bar,	Drawing No: 960014484
LIQUITREND	E+H proprietary weld adapter	≤ Ø65mm	UNS N06455, SB-574, C-4(2.4610)	-20°C to 150°C	960014714 960015348
QMW43	Varivent N/F	DM25, DN32, DN40, DN50			
	Whitworth Pipe Thread standard DIN/ISO 228	G1", G3/4"			
	ASME B1.13M	M24×1.5			

#### Notes:

- 1. Refer to E+H Technical Description 960014827- for design calculations and test results.
- 2. The above fittings are for use with expansible fluids and fluids more hazardous than water and do not meet exemption requirements under current Canadian regulations.



Nunavut Yukon Northwes	iward Island Newfoundland and Labrador  It Territories
Manufacturers Name: Endress+Hauser SE+CO. KG, see also "W	laddwide   continue Application
Manufacturers Address: Endress+Hauser SE+CO. KG, se	e also "Worldwide Locations Appendix"
Plant Locations: Endress+Hauser SE+CO. KG, see also	"Worldwide Locations Appendix"
Category of Fittings to be registered. Circle one	Catagory only
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe B Flanges: all flanges	e caps, or reducers Construction
C Valves: all line valves	ASME B31.3 - 2020;
D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps	ASME B31.1 - 2020
(F Measuring devices, including pressure gauges, level gauges, sight of	asses, levels, of pressure
transmitters	The second secon
G Certified capacity-rated pressure relief devices acceptable as primary bollers, pressure vessels, plping and fusible plugs.	
H Pressure retaining components that do not fall into one of the above of	categories
N Nuclear components: Class 1   Class 2   Class 3   (Meeting (	CNSC or ASME requirements)
Show Manufacturers Name, Trademark, or Logo as it will ap	pear on the product Type of Construction
	Forged B Welded B Wrought B
Endress+Hauser 31	Cast a Other a
Lituicss Tiqusel (131)	
	machined
List of supporting documentation and identification of the a	ctual Items to be registered:
Liquipoint FTW33: Liquitened ONNW42 Control 47 22 27 CT	DIN 44054 DAIGE DAIGE DAIGE
Liquipoint FTW33, Liquitrend QMW43 Sanitary: 1", 1.5", 2", proprietary weld adapter ≤65mm diameter; Varivent DN25,	DN32 DN40 DN50 DN 328 C41 C317 AST THE
M24:x 1,5; SA479 316L: SB-574 C-4: 25 har: -200 to 150.1	DN32; DN40, DN50; DIN 228 G1", G3/4"; ASME B1.13M C; drawing 960014484, 960014714, 960015348; SOR 960014827
101 101 101 101 101 101 101 101 101 101	C, Starring 2000-19404, 2000-147-14, 960015348; SOR 960014827
Declaration:	roos I Univers
Christopher Prolos (see note 3) employed by	ress+Hauser and being the person having full authority aclare that the information contained in this form is true to the best of
my knowledge represents the product for which registration is some	sciare that the information contained in this form is true to the best of ght. The dimensions, materials of construction, pressure temperature
raunus, and identification markings are in accompance with the nex	gin. The differences of construction, pressure temperature
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-New Brunswick	Nova Scotia	Prince Edwa		Ne	wfoundland and Labrador	and the same of th
Nunavut	Yukon	Northwest T				
Manufacturers Nan	ne: Endress+Hauser SE+C	O. KG, see also "Work	dwide Locations	Appendix"		-
Manufacturers Add	Iress: Endress+Hauser	SE+CO KG See a	iso "Worldwid	a Lacation	s Appendix"	
Plant Locations:	Endress+Hauser SE+C	O. KG, see also W	loridwide Loca	itions Appe	ndix	
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F leasuring devices, in	arators, and steam traps acluding pressure gauges, le		es, levels, or pres	ssura	ASME B31.1 - 2020	
G Certified capacity-rate	od pressure relief devices acc sels, piping and fusible plugs imponents that do not fall into	ceptable as primary ove	er pressure protec			
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New Brunswick	Nova Scotla Prin Yukon Nort	ce Edward Island N hwest Territories	ewfoundland and Labrador
Manufacturers Nar	ne: Endress+Hauser SE+CO. KG, see a	ilso "Worldwide Locations Appendix"	
Manufacturers Add Plant Locations:  Categor  A Pine fittings includes	Iress: Endress+Hauser SE+CO. K	G, see also "Worldwide Locatio	ns Appendix"
Categor	Endress+Hauser SE+CO, KG, sec y of Fittings to be registered. Circ	also worldwide Locations App	
	g couplings, tees, elbows, Ys, plugs, unlo	ns, ploe caps, or reducers	Title of the Standard of
B Flanges: all flanges C Valves: all line valves		,	Construction
A   D Expansion loints, flav	dile connectione and back bacombiles, a	II hmae	ASME B31.3 - 2020;
at 1 Strainers, tillers, sept	arators, and steam trans		ASME B31.1 - 2020
vansmatera	ncluding pressure gauges, level gauges, s		
G Certified capacity-rate	ed pressure relief devices acceptable as p	rimary over pressure protection on	
H Pressure retaining co	sels, piging and fusible plugs; imponents that do not fall into one of the e	bove categories	
N Nuclear components:	Class 1 Class 2 Class 3 C. (Me	eting CNSC or ASME requirements)	
Snow Manufacturers	s Name, Trademark, or Logo as It v	Ill appear on the product	Type of Construction
	principals	SOR NA	Forged a Welded a Wrought a
	Endress + Hauser	7	Describe other:
		5	machined
List of supporting de	ocumentation and identification of	Al	
aist of amplioning the	SOUTH THE TOTAL TO STATE OF THE	ille actual items to be registere	<u>d:</u>
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M24 x 1.5; SA479	316L; SB-574 C-4; 25 bar; -20C to	150 C: drawing 960014484 966	0014714, 960015348; SOR 960014827
		2,000 11 10 1,000	30147 14, 3000 13346, SOR 9000 14827
Danisantian			
Declaration:		Endress+Hauser	
and responsibility for the	quality of the end product do solem	and declare that the information and	i being the person having full authority intained in this form is true to the best of
my knowledge represent	ts the product for which registration is	Bought. The dimensions materi	ntained in this form is true to the best of als of construction, pressure temperature
verified by SQS	dogity control Trodigit Millell Bytel	us w.each biant whara tabrication	Occurs in whole as in made and has been
believing it to be true, an	as being suitable land knowing that it is of the same force	le for that purpose and I make this	s solemn declaration conscientiously
Clarature - 5 D - 1	11/	ariarenect se ir iliana atioel ostil	•
Signature of Declarer:	i.V. Nau	non	
This day of	FAD	_ Use this ap	ace for the Official Seal
Commissioner of Oaths			
Or Notary Public: (slgn)			
	(Affix Official seal to the right)		
	This space for	r Regulatory Authority use.	
CRN: 0F15498.5 F	This registration must be revalidated	after ten (10) years from the date of	
	16V.Z	ACCEPTED	
FID#: 15708		PROVINCE OF PRINCE EDV	
Notes:	-	COMMUNITIES, LAND & Ef	IVIRONMENT
	ered in the name of the Manufacturer.	ANN AFIRMA	8.59 Rev 2
2. Each Category shall be a	upported with two Statutory Declaration forms	C.R.M. OFTSIL	0.000
and one copy of supporting	ng documentation.	DATE: Quicust	18 7097
3. The Declaration shall be	made by the person having full authority and	9	
responsibility for the quali	ity of the end product.	Jand Mc	Celan
4. Quality Control programs	shall be resubmitted for validation,	INSPECTION SERVICES	SECTION
11/2016		BOILER/PRESSURE VESS	EL BRANCHSect 1.0 - Fittings Rev.2
The state of the s	es July 18th, 2032 (DGallant)		
	, and another facility		

	nce Edward Island Ne	wfoundland and Labrador			
Manufacturers Name: Endress+Hauser SE+CO. KG, see also "Worldwide Locations Appendix"					
Manufacturers Address: Endress+Hauser SE+CO. KG, see also "Worldwide Locations Appendix"  Plant Locations: Endress+Hauser SE+CO. KG, see also "Worldwide Locations Appendix"					
Category of Fittings to be registered. Circ	le one Categori entire				
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, uni	ons, pipe caps, or reducers	Title of the Standard of Construction			
B Flanges: all flanges C Valves: all line valves	•	ASME B31.3 - 2020;			
Expansion joints, flexible connections, and hose assemblies:	all types	ASME B31.1 - 2020			
Strainers, filters, separators, and steam traps  F Measuring devices, including pressure gauges, level gauges,	sight places levels of property	7.0141E 031.1 - 2020			
transmitters					
G Certified capacity-rated pressure relief devices acceptable as bollers; pressure vessels, piping and fusible plugs					
H Pressure retaining components that do not fall into one of the	above categories				
N Nuclear components: Class 1 🗆 Class 2 🗆 Class 3 🔾 , (A	leeting CNSC or ASME requirements)				
Show Manufacturers Name, Trademark, or Logo as It	will appear on the product	Type of Construction			
		Forged a Welded a Wrought a			
Endress+Hauser 43		Cast a Other a Describe other:			
		machined			
List of supporting documentation and identification of	f the actual Bounda L				
The state of the s	na actual dems to be registered	li.			
Liquipoint FTW33, Liquitrend QMW43 Sanitary: 1", 1.5", 2"; DIN 11851 DN25, DN32, DN40, DN50; SMS 1-1/2; E+H proprietary weld adapter ≤65mm diameter, Varivent DN25, DN32, DN40, DN50; DIN 228 G1", G3/4"; ASME B1.13M M24 x 1.5; SA479 316L; SB-574 C-4; 25 bar, -20C to 150 C; drawing 960014484, 960014714, 960015348; SOR 960014827					
Declaration:	_				
Christopher Protos (see note 3) employed by and responsibility for the quality of the end product do soler my knowledge represents the product for which product to soler my knowledge represents the product for which product to the product for	Endress+Hauser and	being the person having full authority			
my knowledge represents the product for which registration	nnly declare that the information co	ntained in this form is true to the best of			
i valigo, qua lagualicadan mananda are in Accominge with i	NA DARAIN DAMON Etandarda   furth	or dual and the state of the st			
mange to regulated by a country Control Program which extended	ands to each plant where tabrication	LOCCUES in whole or in part and has been			
believing it to be true, and knowing that it is of the same for	inia for that numbes and I make this	Solomon de elementario de el esta de			
Signature of Declares	or and one of the trade and of odd				
Declared before me at	2022				
This day of AD	Use this sp	ace for the Official Seal			
Commissioner of Oaths					
Or Notary Public: (sign)					
(Affix Official seal to the right)	Newfoundla	nd			
This space for Regulatory Authority use.  This registration must be revalidated after ten (10) year on this tile of acceptance.					
CRN: 0F15498.5 Rev.2	ted after ten (10) yearsoidh life (die) if	acceptance.			
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All Fittings shall be registered in the name of the Manufacturer.	Registered	AND MALE AND ADDRESS OF THE PARTY OF THE PAR			
2. Each Category shall be supported with two Statutory Declaration form	Data 23-Aug-20	AND MALE AND ADDRESS OF THE PARTY OF THE PAR			
<ol> <li>Each Category shall be supported with two Statutory Declaration form and one copy of supporting documentation.</li> </ol>	Date 23-Aug-20	22			
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Each Category shall be supported with two Statutory Declaration form and one copy of supporting documentation.     The Declaration shall be made by the person having full authority and	Date 23-Aug-20	22 on Services			
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2. Each Category shall be supported with two Statutory Declaration form and one copy of supporting documentation. 3. The Declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality Control programs shall be resubmitted for validation.	Date23-Aug-20 Engineering and Inspection Registered by	22 on Services Oucker  OF THE Sect. 1.0 - Fittings Rev. 2			

COMPRESSED GAS REGULATIONS

- Nunavut	Yukon	Northwest Territories	Newfoundland and Labrador
Manufacturers Na Manufacturers Ad Plant Locations:	ma: Endroce+Housear SE+CO	KG, see also Worldwide Locations A	
Manufacturers Add	Iress: Endress+Hauser S	E+CO. KG, see also "Worldwide"	ppendix
Plant Locations:	Endress+Hauser SE+CO	. KG, see also Worldwide Locati	ons Appendix
Categor	y of Fittings to be register	ad. Circle one Category only	Title of the Standard of
A Pipe fittings, including B Flanges: all flanges	ng couplings, tees, elbows, Ys,	plugs, unions, pipe caps, or reducers	Construction
C Valves: all line valve	<b>S</b> .		ASME B31.3 - 2020;
E Strainers, filters, ser	xible connections, and hose as arators, and steam traps	semblies; all types	ASME B31.1 - 2020
(F Measuring devices,	ncluding pressure gauges, leve	gauges, sight glasses, levels, or press	sure
G Certified capacity-rat	ed pressure relief devices acre	ptable as primary over pressure protect	lan an
DOILORS, Dressure ves	sels, piping and fusible plugs omponents that do not fall into		aut on
N Nuclear components	Class 1 Class 2 Clas	s 3 ☐ , (Meeting CNSC or ASME requir	rements)
Show Manufacture	s Name, Trademark, or Lo	go as it will appear on the produ	ct Type of Construction
		anne Mineral Managements.	Forged a Welded a Wrought a Cast a Other a
	Endress+Hause	er (5)	Describe other:
		• • • • • • • • • • • • • • • • • • •	machined
List of supporting of	ocumentation and identifi	cation of the actual items to be r	
			484, 980014714, 960015348; SOR 960014827
ratings, and identification in the strings is regulated by verified by SQS believing it to be true, a	on markings are in accordar a Quality Control Program w as to and knowing that it is of the	gistration is sought. The dimension nee with the herein named standard hilch extends to each plant where f eing sultable for that purpose and I same force and effect as if made ur	and being the person having full authority mation contained in this form is true to the best of its, materials of construction, pressure temperature is. I further declare that the manufacture of these abrication occurs in whole or in part and has been make this solemn declaration conscientiously nder oath.
Declared before me at	i.v.	Mai 2022	
	ofAD		e this space for the Official Seal
Commissioner of Oaths		The state of the s	and the angeline and the control of the
Or Notary Public: (sign	)·		
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CRN: 0F15498.5	Rev.2	e revalidated after ten (10) years from t	he date of acceptance.
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Notes:		(9/BY/	101
1. All Fittings shall be reg	istered in the name of the Manufac	urer.	12
<ol><li>Each Category shall be and one copy of support</li></ol>	supported with two Statutory Deck rting documentation.	aration forms CRN 0F	15498.5Y REV2
	e made by the person having full a sailty of the end product.	uthority and	
and the same of th	ns shall be resubmitted for validation	n. \ DATE.	08/18/2022
11/2016		1 /	Sect 10 - Fittings Rev.2
	ires July 18th, 2032 (DGallan		
		COLE	RSERANCY
		1	Y'S RECEIVE

9		TOTAL CALLET ON THE	TO TO TRAIT	OR OF FITTING DESI	<u>SN2</u>
New Brunswick	Nova Scotia Yukon	Prince Edward Island Northwest Territories	No	wfoundland and Labrad	or
Manufacturers Nar	me: Endress+Hauser SE+CO, KG	saa alaa Mibibbulda Lansii	ton Associate		
Manufacturers Ado	Iress: Endress+Hauser SE+	CO. KG, see also "World	wide Location	4 Amondiy	
Plant Locations:	Endress+Hauser SE+CO: Ki	s, see also Worldwide L	ocations Appe	indix hoperium	
( Categor	y of Fittings to be registered	Circle one Columns and		Title of the Stand	level of
A Pipe fittings, includin	g couplings, tees, elbows, Ys, plug	s, unions, pipe caps, or reduc	Bris	Construction	
C Valves: all line valves	3			ASME B31.3 - 202	ones de la constant d
D Expansion Joints, flex	dble connections, and hose assem	biles; all types		ASME B31.1 - 202	0,
	eratore, and steem traps actuding pressure gauges, level ga	man alahi alaman tawala an		MOINT 031.1 - 202	U
transmitters		-			
G Certified capacity-rate	d pressure relief devices acceptab leis, piping and fusible plugs	le as primary over pressure pr	retaction on		1
H Pressure retaining co	reis, piping and fusible plugs imponents that do not fall into one (	of the shows estanoidae			1
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				Cast 8 Other 8	Mundant 8
	Endress+Hauser	151	1	Describe other:	
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	CYCLUPINGSIAL SIGN ROSTULICES	ON ON THE SCHOOL STEELING TO	De registered	*	
ratings, and identification fittings is regulated by a verified by 303 believing it to be true, an	id knowing that it is of the same	ation is sought. The dimen with the herein named stan- extends to each plant who	sions, materia dards. I furthe are fabrication	la of construction, pressure	temperature ture of these
Signature of Declarer: _	1. V.	m. anad			
	172 M				
This day o	AD	Полит исстанизациона выпоря	Use this spa	ice for the Official Seal	
Commissioner of Oaths					
Or Notary Public: (sign)					
	(Affix Official seel to the right)	The Francisco Proposition of the Park State of t			
	This s	pace for Regulatory Authority	yes.	1	
0545400 5	This registration must be revi	illdated efter ten (10) years in	om the date of	ORPHI (	65:00
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	lered in the name of the Manufacturer,			E AUTHORITY OF	
	supported with two Statutory Declaration			R AND PRESSURE	
and one copy of supporti	ng documentation.	- Marchael		SSEL ACT.	
<ol> <li>The Declaration shall be responsibility for the qual</li> </ol>	insde by the person having full authority of the end product.	y and	- may	F15498.57 F	12
4. Quality Control programs	shall be resubmitted for veildation.	1	SIGNED.	227	1
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12.7 512	es July 18th, 2032 (DGallant)	,	DATE 4	7 14	
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New Brunswick Nova Scotle  Alunavut Yukon	Prince Edward Northwest Terr	Island N	ewfoundland and Labrador
Manufacturers Name: Endress+Hause	er SE+CO. KG, see also "Worldwin	de Locations Appendix	
Manufacturers Address: Endress+	r se+co. Kg, see also "World	"Worldwide Locatio	ns Appendix"
Category of Fittings to be	registered. Circle one Cute	uwide Locations Ap	
A Pipe littings, including couplings, tees, el , B Flanges: all flanges	bows, Ys, plugs, unions, pipe caps	or tegricate	Title of the Standard of Construction
G Valves; all line valves D Expension joints, flexible connections, an	dibani ama ahii		ASME B31.3 - 2020;
E. Strainers, filters, separators, and sham for	mana		ASME B31.1 - 2020
Flessuring devices, including pressure ge transmitters	luges, level gauges, sight glasses,	levels, or pressure	
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bollers, pressure vessels, piping and fuelt H Pressure retaining components that do re	No nime		
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Endress+	Hauser (3)		Describe other;
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The state of the s	g resentance most of the actual	identalities and catalistics.	10;
	4, 23 5ai, -250 to 130 0, 01a	wing 5000 (4404, 80	220 G1 , G3/4 ; ASME B1.13M 60014714, 960015348; SOR 960014827
retings are of Declarer:  Declared before me at	accordance with the herein nate or many which either to each as being suitable for that p is of the same force and effect	ne dimensions, mate med standards. I furi plant where fabrication	nals of construction, pressure temperature her declare that the manufacture of these on occurs in whole or in part and has been
This day of	AD	Use this s	pace for the Official Seal
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CRIN; GI TO TOO. STREET.		. 4	Boilers and
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Nates:		Nunavut	Pressure Vessels Act
1. All Fittings shall be registered in the name of the	he Manufacturer.		
2. Each Category shall be supported with two Sta			REGISTERED
and one copy of supporting documentation.  3. The Declaration shall be made by the person if	saving full authority and	CRN DE	15498-5N Re12
responsibility for the quality of the end product.  4. Quality Control occurring shall be resulted and		CKIN	D22-D8-18
<ol> <li>Quality Control programs shall be resubmitted</li> </ol>	KAT VERGISON.	Date	
11/2016		O'ment.	Sept 1.0 - Fittings Rev.2
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			Chreinspector
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		Territo	orial Registration Fee
		1	