

August 24, 2018

Attention: Joanna Karpinski
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO, ON M9W 6N9

Email: JKarpinski@tssa.org

The design submission, tracking number 2018-02597, originally received on April 23, 2018 was surveyed and accepted for registration as follows:

CRN : 0H11923.52 **Accepted on:** August 24, 2018

Reg Type: NEW DESIGN **Expiry Date:** April 11, 2028

Drawing No. : G6 01 00 201,-202,-203,204(TU51,52,53,54) As Noted

Fitting type: THERMOWELS

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

Description	MAWP	Design Temperature
RATING PER DRAWINGS		

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

This registration covers the range of the thermo wells presented on the following drawings: G60100204RevA, G60100202RevA, G60100203RevA, G60100201RevA

This registration covers only pressure-temperature rating, materials, dimensions and geometry of the product specified on the above listed drawings".

The thermo wells with the clamped connections are not part of this registration.

The thermo well with flanged connections are per B16.5, the blind flanges only, the blind flanges should be attached with full penetration weld only.

As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction is ASME B31.3.

- 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 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 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.

Enclosed are stamped prints for your reference.

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.



the pressure equipment safety authority

9410 - 20 Ave N.W.

Edmonton, Alberta, Canada T6N 0A4

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

August 24, 2018

Sincerely,

GRYNCHUK, MILLA, P. Eng.

DOP Cert. No. D00005217

**STATUTORY DECLARATION
Registration of Fittings**

I, Bernd Kunert, Head of Division Quality Management
(name of applicant) (position title) (must be in a position of authority)
of Endress+Hauser Wetzler GmbH+Co. KG
(name of manufacturer)
located at Obere Wank 1, D-87484 Nesselwang, Germany
(plant address)

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



do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act
(check one)

- ☒ comply with the requirements of ASME 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
(title of code of construction or other applicable document)
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 manufacture of these fittings is controlled by a quality control program which has been
verified by the following authority, SQS (ISO 9001:2015) as being suitable for the manufacture of these
fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are

TU Thermowells, Cat. F fittings

(brief description of fittings)

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

Reports: 0132-0001-SAR-0001 through -0006, Engineering Drawings

DECLARED before me at Nesselwang in the Germany of _____
(city) (province or state)
this 14 day of 11, 2017
(Month) (Year)

(print) _____
(a Commissioner of Oaths or Notary Public)

(sign) _____
(a Commissioner of Oaths or Notary Public)

[Signature]
(signature of applicant)

For ABSA Office Use Only:

NOTES: _____

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA
Standard B51, Clause 4.2, and is accepted for registration in Category 4

Registration Number: 0H11923.52 [Signature]
(Signature of the Administrator/SCO)

Date Registered: AUG 24 2018 Expiry Date: 2028, April 11

The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the
Pressure Equipment Discipline.

See acceptance letter for the scope

SCOPE OF CRN RENEWAL

ORIGINAL CRN:

0H11923.5C

E+H MODELS REGISTERED:

TU51 Weld-In Thermowell

TU52 Socket Weld Thermowell

TU53 Screw-In Thermowell

TU54 Flanged Thermowell

~~TU55 Van Stone Thermowell~~

~~TU67 Sanitary Thermowell~~

SCOPE OF RENEWAL:

No change to original registered design. Drawings are identical to original registration. Calculation reports updated to reflect current Code editions.

ASCA	
SAFETY CODES ACT - PROVINCE OF ALBERTA	
REGISTRATION OF FITTINGS	
0H11923.5C	
REGISTRATION NO.	
TU51, TU52, TU53, TU54	
DWG. NO. or CAT. NO.	
TYPE OF FITTINGS	THERMOWELLS
AUG 24 2018	INITIALS
Date	MILLA GRYNCHUK, P.Eng. DESIGN SURVEY ENGINEER

TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO ON M9W 6N9

Date: May 22, 2018

Account #: 35231

Journal #: 70781

Attn: TANYA FRANCIS

Re: Application for Design Registration

The design, as detailed in your, TSSA SR# 2287110, for a Fitting is accepted for registration as follows:

Registered To: ENDRESS + HAUSER WETZER **CRN:** 0H11923.51
GMBH+CO KG

Drawing #: multiple dwgs per scope sheet

Conditions Of Registration:

Registraton renewal of Thermowells as per attached scope of registration sheet.

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:

TU51_CRN_G601, TU52_CRN_G601, TU53_CRN_G601, TU54_CRN_G601, TU55_CRN_G601, TU67_CRN_G601. As required by CSA B51 4.2.1, this reg'n expires on April 11, 2028. This CRN is valid until the expiry date as long as the Mfr maintains a valid QC program verified by an acceptable 3rd party agency until that date. Should the certification of the QC program lapse before the expiry date, this reg'n shall become void.

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

SHARON PETERS

boiler.designregistration@technicalsaftybc.ca
Design Administration

cc:

SCOPE OF CRN RENEWAL

ORIGINAL CRN: OH11923.5C

E+H MODELS REGISTERED: TU51 Weld-In Thermowell
TU52 Socket Weld Thermowell
TU53 Screw-In Thermowell
TU54 Flanged Thermowell
TU55 Van Stone Thermowell
TU67 Sanitary Thermowell

SCOPE OF RENEWAL: No change to original registered design. Drawings are identical to original registration. Calculation reports updated to reflect current Code editions.



CRN #: OH11923.5
Date: May 18, 2018
BC J#: 70781

THIS IS PART OF
CRN OH11923.5R1

Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program

z. c. 4/11/18



Inspection and Technical Services Manitoba

500 - 401 York Avenue

Winnipeg Manitoba R3C 0P8

T (204) 945-3373

F (204) 948-2309

www.firecomm.gov.mb.ca/codes_steam_pressure.html

July 19, 2018

TSSA

345 Carlingview Drive

Toronto, ON

M9W 6N9

Attn: Joanna Karpinski

REGISTRATION OF VALVES AND FITTINGS

Manufacturer: Endress + Hauser Wetzer GmbH + Co. KG

The design(s) for the following Valves/Fittings has been received by us and has been examined and accepted for registration in the Province of Manitoba as follows.

DRAWING / CATALOGUE	CRN	FILE
TU51 _CRN_G601, TU52 _CRN_G601, TU53 _CRN_G601, TU54 _CRN_G601, TU55 _CRN_G601, TU67 _CRN_G601	0H11923.54	38892

An invoice covering survey and registration fees is enclosed.

NOTE:

- CRN registered under reciprocal agreement & is conditional based on compliance with the notes set by the original issuing Jurisdiction: **TSSA**
- This registration was submitted with only one copy of the drawings.
- This registration expires **August 11, 2028**.

This registration is valid until the indicated expiry date only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date. Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

The registration of this design does not relieve the manufacturer, the owner or his agent of the responsibility for the design or construction of a fitting in accordance with the applicable Acts, Codes and Standards. Inspection and Technical Services assumes no responsibility by registering designs, examining plans and/or inspecting equipment or facility.

Yours truly,

Rabie Harb, E.I.T.

Design Surveyor

Office of the Fire Commissioner

Inspection and Technical Services Manitoba

508 - 401 York Avenue

Winnipeg, Manitoba, R3C 0P8

Phone: 204-945-3373

Email: rabie.harb@gov.mb.ca



Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
www.tssa.org

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below



STATUTORY DECLARATION Registration of Fittings

I, Bernd Kunert, Head of Division Quality Management

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

of Endress+Hauser Wetzer GmbH+Co. KG

(Name of Manufacturer)

Located at Obere Wank 1, D-87484 Nesselwang, Germany

(Plant Address)

+49 8361 308 140

(Telephone No.)

+49 8361 308 110

(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
ASME B31.3

(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 _____ 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 9001:2015 which has been verified by the following authority, SQS

The items covered by this declaration, for which I seek registration, are category F type fittings. In support of this application, the following information and/or test data are attached as follows:
0132-0001-SAR-0001 through -0006, Engineering Drawings

(drawings, calculations, test reports, etc.)

Declared before me at Nesselwang in the Germany of _____

the 14 day of 11 AD 20 17.

Commissioner for Oaths:

(Printed name)

(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 CSA Standard B51 and is accepted for registration in Category "H".

CRN: PH11923.54

Registered by: Rubie Herb

Dated: 2018/07/19



NOTE: This registration expires on: Apr 11, 2028

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


UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: Endress+Hauser Wetzler GmbH+Co. KG	
MANUFACTURERS ADDRESS: Obere Wank 1, D-87484 Nesselwang, Germany	
PLANT LOCATIONS:	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps <input checked="" type="checkbox"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, 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 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECB or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION ASME B31.3
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT 	TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: Reports: 0132-0001-SAR-0001 through -0006, Engineering Drawings	

DECLARATION:

I, Bernd Kunert, Head of Division Quality Management (see note 3) employed by Endress+Hauser Wetzler GmbH+Co. KG and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by SQS (ISO 9001:2015) as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: 


Declared before me at Nesselwang

This 14 day of 11 AD 2017

Commissioner of Oaths
or Notary Public: (sign) _____

(Affix Official seal to the right)

USE THIS SPACE FOR THE
OFFICIAL SEAL

This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: 0H11923.5 REV1	
FID#: 2115	
Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms 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 at a maximum interval of five (5) years.	


UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: Endress+Hauser Wetzor GmbH+Co. KG	
MANUFACTURERS ADDRESS: Obere Wank 1, D-87484 Nesselwang, Germany	
PLANT LOCATIONS:	
<p>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY-ONLY</p> <p>A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p>B Flanges: all flanges</p> <p>C Valves: all line valves</p> <p>D Expansion joints, flexible connections, and hose assemblies: all types</p> <p>E Strainers, filters, separators, and steam traps</p> <p><input checked="" type="checkbox"/> Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p>G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p>H Pressure retaining components that do not fall into one of the above categories</p> <p>N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECB or ASME requirements)</p>	<p>TITLE OF THE STANDARD OF CONSTRUCTION</p> <p>ASME B31.3</p>
<p>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</p> 	<p>TYPE OF CONSTRUCTION</p> <p>FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/></p> <p>CAST <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>DESCRIBE OTHER:</p>
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p>Reports: 0132-0001-SAR-0001 through -0006, Engineering Drawings</p>	

DECLARATION:

I Bernd Kunert, Head of Division Quality Management (see note 3) employed by Endress+Hauser Wetzor GmbH+Co. KG and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by SGS (ISO 9001:2015) as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: 

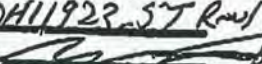
Declared before me at Nesselwang

This 14 day of 11 AD 2017

Commissioner of Oaths
or Notary Public: (sign)

(Affix Official seal to the right)


USE THIS SPACE FOR THE
OFFICIAL SEAL

<p>This space for Regulatory Authority use</p> <p>This registration must be revalidated after ten (10) years from the date of acceptance</p> <p>CRN: OH11923.5 REV1</p> <p>FID#: 2115</p> <p>Notes:</p> <ol style="list-style-type: none"> All fittings shall be registered in the name of the Manufacturer. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years. 	<p>Northwest Territories REGISTERED UNDER THE AUTHORITY OF THE BOILER AND PRESSURE VESSEL ACT. C.R.N. OH11923.57 Rev1 SIGNED  DATE 11/5/2018</p>
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UKM. 11-11-12011

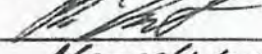
UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK NOVA SCOTIA PRINCE EDWARD ISLAND NEWFOUNDLAND AND LABRADOR
NUNAVUT YUKON NORTHWEST TERRITORIES

MANUFACTURERS NAME: Endress+Hauser Wetzlar GmbH+Co. KG		
MANUFACTURERS ADDRESS: Obere Wank 1, D-87484 Nesselwang, Germany		
PLANT LOCATIONS:		
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps <input checked="" type="checkbox"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, 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 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECB or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION ASME B31.3	
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT 		TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: Reports: 0132-0001-SAR-0001 through -0006, Engineering Drawings		

DECLARATION:

I Bernd Kunert, Head of Division Quality Management (see note 3) employed by Endress+Hauser Wetzlar GmbH+Co. KG and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by SGS (ISO 9001:2015) as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: 
Declared before me at Nesselwang
This 14 day of 11 AD 2017
Commissioner of Oaths
or Notary Public: (sign) _____
(Affix Official seal to the right)

USE THIS SPACE FOR THE
OFFICIAL SEAL

This space for Regulatory Authority use
This registration must be revalidated after ten (10) years from the date of acceptance and

CRN: 0H11923.5 REV1
FID#: 2115

Notes:
1. All fittings shall be registered in the name of the Manufacturer.
2. Each category shall be supported with two Statutory Declaration forms 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 at a maximum interval of five (5) years.

NUNAVUT	
Business and Pressure Vessels Act	
REGISTERED	
CRN	<u>0H11923.5 N Rev 1</u>
Date	<u>May 04, 2018</u>
Signed	 Chief Inspector
Territorial Registration Fee	

URN: M01878 /2017



Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
www.tssa.org

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below



STATUTORY DECLARATION Registration of Fittings

I, Bernd Kunert, Head of Division Quality Management

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

of Endress+Hauser Wetzler GmbH+Co. KG

(Name of Manufacturer)

Located at Obere Wank 1, D-87484 Nesselwang, Germany

(Plant Address)

+49 8361 308 140

(Telephone No.)

+49 8361 308 110

(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 ASME B31.3

(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 _____ 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 9001:2015 which has been verified by the following authority, SQS

The items covered by this declaration, for which I seek registration, are category F type fittings. In support of this application, the following information and/or test data are attached as follows:
0132-0001-SAR-0001 through -0006, Engineering Drawings

(drawings, calculations, test reports, etc.)

Declared before me at Nesselwang in the Germany of _____

the 14 day of 11 AD 20 17.

Commissioner for Oaths:

(Printed name)

(Signature)

(Signature of Declarer)

FOR OFFICE USE ONLY

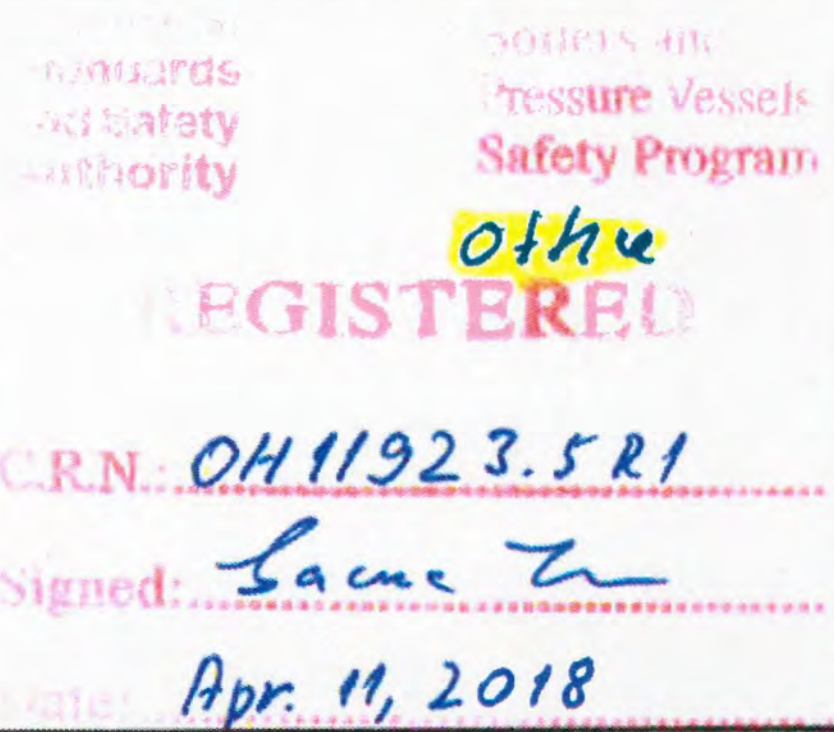
To the best of my knowledge and belief, the application meets the requirements of the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category "H"

CRN: OH11923.5R1

Registered by: Zilko Gacevic

Dated: Apr. 11, 2018

NOTE: This registration expires on: Apr. 11, 2028



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

URNr. M01878 /2017

(M/cw)

I hereby certify that the above standing is the true signature, signed before me of

Mr. Bernd Josef KUNERT,
born on the 22nd of December 1962,
resident 87466 Oy-Mittelberg, Haupstr. 29,

identified through presentation of his german identification card.

Nesselwang, the 14th of November 2017


Dr. Hans Michael Malzer, notary



SCOPE OF CRN RENEWAL

ORIGINAL CRN:

0H11923.5C

E+H MODELS REGISTERED:

TU51 Weld-In Thermowell

TU52 Socket Weld Thermowell

TU53 Screw-In Thermowell

TU54 Flanged Thermowell

TU55 Van Stone Thermowell

TU67 Sanitary Thermowell

SCOPE OF RENEWAL:

No change to original registered design. Drawings are identical to original registration. Calculation reports updated to reflect current Code editions.




Z. G. 4/11/18

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS


NEW BRUNSWICK
NUNAVUTNOVA SCOTIA
YUKONPRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>Endress+Hauser Wetzlar GmbH+Co. KG</u>	
MANUFACTURERS ADDRESS: <u>Oberer Wank 1, D-87484 Nesselwang, Germany</u>	
PLANT LOCATIONS:	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps X Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, 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 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECB or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION ASME B31.3
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT 	TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: Reports: 0132-0001-SAR-0001 through -0006, Engineering Drawings	

DECLARATION:

I Berni Kurni, Head of Division Quality Management (see note 3) employed by Endress+Hauser Wetzlar GmbH+Co. KG and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by SQS (ISO 9001:2015) as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

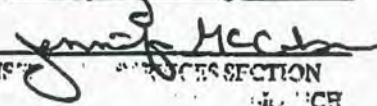
Signature of Declarer: Declared before me at NesselwangThis 14 day of 11AD 2017

Commissioner of Oaths

or Notary Public: (sign) _____

(Affix Official seal to the right)

USE THIS SPACE FOR THE
OFFICIAL SEAL


This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>0H11923.5 REV1</u> FID#: <u>2115</u> Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms 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 at a maximum interval of five (5) years.	ACCEPTED PROVINCE OF PRINCE EDWARD ISLAND COMMUNITIES, LAND & ENVIRONMENT C.R.N. <u>0H11923.59 REV1</u> DATE: <u>May 4 2018</u>  INSPECTOR SECTION R. J. CH

UKM. 10101012017

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS


NEW BRUNSWICK
NUNAVUTNOVA SCOTIA
YUKONPRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: Endress+Hauser Wetzer GmbH+Co. KG	
MANUFACTURERS ADDRESS: Obere Wank 1, D-87484 Nesselwang, Germany	
PLANT LOCATIONS:	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps X Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, 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 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECB or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION ASME B31.3
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT 	TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: Reports: 0132-0001-SAR-0001 through -0006, Engineering Drawings	

DECLARATION:

I, Bernd Kunert, Head of Division Quality Management (see note 3) employed by Endress+Hauser Wetzer GmbH+Co. KG and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by SGS (ISO 9001:2015) as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: 

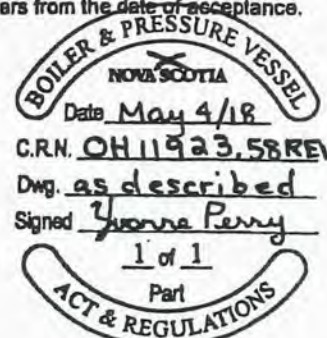
Declared before me at Nesselwang

This 14 day of 11 AD 2017

Commissioner of Oaths
or Notary Public: (sign)

(Affix Official seal to the right)

USE THIS SPACE FOR THE
OFFICIAL SEAL

This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: OH11923.5 REV1 FID#: 2115	 Date May 4/18 C.R.N. OH11923.58REV1 Dwg. as described Signed Yvonne Perry 1 of 1 Part
Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms 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 at a maximum interval of five (5) years.	


UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: Endress+Hauser Wetzer GmbH+Co. KG	
MANUFACTURERS ADDRESS: Obere Wank 1, D-87484 Nesselwang, Germany	
PLANT LOCATIONS:	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps <input checked="" type="checkbox"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, 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 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> , (Meeting AECB or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION ASME B31.3
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT <div style="text-align: center; font-size: 2em;">  </div>	TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: Reports: 0132-0001-SAR-0001 through -0006, Engineering Drawings	

DECLARATION:

I Bernd Kunert, Head of Division Quality Management (see note 3) employed by Endress+Hauser Wetzer GmbH+Co. KG and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by SQS (ISO 9001:2015) as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: 


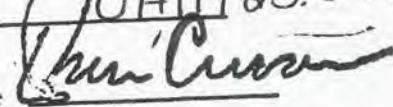
Declared before me at Nesselwang

This 14 day of 11 AD 2017

Commissioner of Oaths
or Notary Public: (sign) _____

(Affix Official seal to the right)

USE THIS SPACE FOR THE
OFFICIAL SEAL

This space for Regulatory Authority Use This registration must be revalidated after ten (10) years from the date of acceptance. CRN: <u>OH11923.5 REV1</u> FID#: <u>2115</u> Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms 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 at a maximum interval of five (5) years.	<div style="text-align: center;">  DEPT OF PUBLIC SAFETY BOILER & PRESSURE VESSEL ACT </div> REGISTRATION ONLY CRN <u>OH11923.57 Rev1</u> EXAMINER: <u></u> or CHIEF INSPECTOR DATE: <u>5/4/2018</u>
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☐ BLRs ☐ PVs
☒ FITTINGS ☐ COMPONENTS

UKM. 11000012011

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

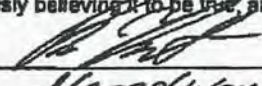
NEW BRUNSWICK
NUNAVUTNOVA SCOTIA
YUKONPRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: Endress+Hauser Wetzler GmbH+Co. KG	
MANUFACTURERS ADDRESS: Obere Wank 1, D-87484 Nesselwang, Germany	
PLANT LOCATIONS:	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps X Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, 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 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECB or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION ASME B31.3
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT 	TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: Reports: 0132-0001-SAR-0001 through -0006, Engineering Drawings	

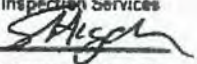
DECLARATION:

I, Bernd Kunert, Head of Division Quality Management (see note 3) employed by Endress+Hauser Wetzler GmbH+Co. KG and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by ISO 9001:2015 as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: Declared before me at NesselwangThis 14 day of 11AD 2017Commissioner of Oaths
or Notary Public: (sign) _____

(Affix Official seal to the right)

USE THIS SPACE FOR THE
OFFICIAL SEAL

This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>0H11923.5 REV1</u> FID#: <u>2115</u>	Newfoundland Labrador Service NL Registered <u>0H11923.50 REV1</u> Date <u>11 May 2018</u> Engineering and Inspection Services Registered by 
Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms 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 at a maximum interval of five (5) years.	UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS

URNr. M01879/2017

Régie
du bâtiment

Québec

REGISTERED



CRN: CSA-OH11923.56R1

Registration Process administered by
CSA Group CSA B51

Statutory Declaration Registration of Fittings

(a) Design Qualification

I¹ Bernd Kunert, Head of Division Quality Management

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

Of Endress+Hauser Wetzer GmbH+Co. KG

(name of company)

Located at Obere Wank 1, D-87484 Nesselwang, Germany

(plant address)

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:

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 9001:2015, and has been verified by the following authority or authorized agency SQS

The fittings² covered by this declaration, for which I seek registration, are TU Thermowells, Cat. F Fittings

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

Reports: 0132-0001-SAR-0001 through -0006, Engineering Drawings

Declared before me at Nesselwang / Germany

In the of _____ of _____

The 14 Day of 11 AD 19 2017

A (commissioner for oaths)

Signature of Declarer³

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.

APRIL 11 2028

Registered Number CRN CSA-OH11923.56R1

For the Chief Inspector A. BANWATT

Date MAY 14 2018

- 1 Three completed copied of Statutory Declaration form together with three copies of Catalogs, drawings of Bulletins illustrating above fittings shall be submitted.
- 2 All fittings are required to be registered in the name of the Manufacturer.
- 3 This form shall be completed and signed by the president of highest official in the manufacturing plan where the fitting is produced.

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[2003-03-31]

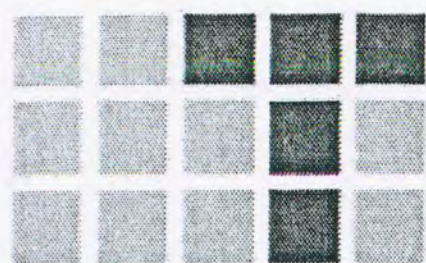
*Note:

1. See attachment as the scope of registration.
2. Renewal registration without construction material, design specification & testing change



URN: M01877/2017

Beglaubigte Ablichtung



**Technical
Safety Authority
of Saskatchewan**

REGISTERED

CRN: CSA-0H11923.56R1



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

Registration Process administered by
CSA Group per CSA B51

Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, Bernd Kunert, Head of Division Quality Management

(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 Wetzer GmbH+Co. KG

(name of manufacturer)

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



located at:

Obere Wank 1

Nesselwang (Germany)

D-87484

(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 B31.3 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, SQS (ISO 9001:2015) 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
TU Thermowells, Cat. F Fittings

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

Reports: 0132-0001-SAR-0001 through -0006, Engineering Drawings

II. Declaration

DECLARED before me at Nesselwang In the Germany of _____

this 14 day of May, 2017

Bernd Kunert
(print name)

(Signature)

(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

CSA-0H11923.56R1

(Registration Number)

MAY-14-2018 CSA

(Date Registered - MM DD YYYY)

(For the Administrator / Chief Inspector)

APRIL-11-2028

(Expiry Date - MM DD YYYY)

A. BANWATT

*Note:

1. See attachment as the scope of registration.

2. Renewal registration without construction material, design specification &



TSK-1008
Rev. 10/2012
Page 1 of 1