



Smart in sensing

WIKA Instruments Ltd.
3103 Parsons Road
Edmonton, AB T6N 1C8

Tel: 780 · 463 · 7035
Fax: 780 · 462 · 0017
www.wika.ca

May 30, 2024

RE: 0F02026.2C Pressure Devices, Canada Wide CRN stamping

To Whom It May Concern,

In accordance with Section 4.3.2 of the CSA B51-19, “if a design is registered in all provinces and territories, the CRN stamped on the nameplate and marked on the data report may be shortened to include the designation of first registration plus the letter “C”...”

Therefore WIKA INSTRUMENTS LTD has selected the option of stamping Canada wide approved Pressure Devices under the designation of “0F02026.2C”. Supporting documentation from all Provinces and Territories are attached in this document.

A list of all model numbers applicable to this CRN can be found at the end of this document.

Authorized Signature:

Robert Woo, P. Eng
Engineering Manager

Date: May 30, 2024

HEAD OFFICE

WIKA INSTRUMENTS LTD.
3103 Parson Road
Edmonton, AB Canada
T6N 1C8
Tel: (780) 463-7035
Fax: (780) 462-0017

WIKA INSTRUMENTS LTD.
2679 Bristol Circle, Unit #1
Oakville, Ontario
L6H 6Z8
Tel: (403) 237-5960
Fax: (403) 264-0095

WIKA INSTRUMENTS LTD.
4932 – 52 Street S.E.
Calgary, AB Canada
T2B 3R2
Tel: (780) 513-7460
Fax: (780) 513-7379

WIKA INSTRUMENTS LTD.
#204, 9804 – 100 Avenue
Grande Prairie, AB
T8V 0T8
Tel: (306) 664-1105
Fax: (306) 244-7037

WIKA INSTRUMENTS LTD.
901 First Avenue North
Saskatoon, SK
S7K 1Y4
Tel: (604) 299-3855
Fax: (604) 299-4566

WIKA INSTRUMENTS LTD.
4627 Frances Street
Burnaby, B.C.
V5C 2R9
Tel: (905) 337-1611
Fax: (905) 337-2716

March 20, 2020

Attention: Manual Medina
WIKA INSTRUMENTS LTD
3103 PARSONS ROAD
EDMONTON, AB T6N 1C8

The design submission, tracking number 2019-07740, originally received on November 15, 2019 was surveyed and accepted for registration as follows:

CRN : 0F02026.2

Accepted on: March 20, 2020

Reg Type: RENEWAL

Expiry Date: March 20, 2030

Drawing No. : INSTRUMENT LIST 19AR-03459 Rev 0

Fitting type: PRESSURE GAUGE COMPONENTS

Design registered in the name of : WIKA ALEXANDER WIEGAND SE & CO KG

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

- The scope of registration is the renewal Pressure and Temperature Gauge Components listed on instrument list 19AR-03459, previously registered per technical document 17AR-02747.
- The equivalent DIN/EN-Materials have to be in full compliance with ASME/ASTM material, regarding: chemistry, physical and mechanical properties, method and process of manufacture, and heat treatment.
- For the devices with the standard flange connection the MAWP shall be per ASME B16.5.

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

- 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.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3382 or fax (780) 437-7787 or e-mail Stojanovic@absa.ca.

Sincerely,



STOJANOVIC, STEVAN, P. Eng.
DOP Cert. No. D00008849

001970 / 2019

**STATUTORY DECLARATION
Registration of Fittings**

Single or Multiple Fitting Designs within one Fitting Category

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

I, Franz-Josef Vogel, Executive Vice President
(name of applicant) Process Instrumentation (city)
of WIKA Alexander Wiegand SE & Co. KG
(name of manufacturer)



located at Alexander-Wiegand-Strasse, 63911 Klingenberg, Germany
(plant address)

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

comply with the requirements of ASME B40.100/40.200 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 (title of code of construction or other applicable document) attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the identification marking of the fittings.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified as described in the below Table as being suitable for the manufacturing of these fittings to the stated standard, regulation, code, guideline or other applicable document. The fittings covered by the declaration for which I seek registration are as provided in the Supplementary Sheet(s) attached.

Quality Program Verification and Manufacturing Sites

OF 02026.2

A copy of the Quality Certificate from each manufacturing site must be included

Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	Pressure product catalog	ISO 9001	Per attached copies	Per attached copies	Per attached copies	Per attached copies & document 19AR-03459
2.						

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

Technical Description document 19AR-03459, Product line catalogs and drawings, technical supporting documents

[Signature]
(Signature of the Declarer)

06th November, 2019
(Date)

DECLARED before me at Klingenberg in the State of Bavaria, Germany
(state)
this 06th day of November, 2019
(Month) (Year)

(print) RASSELBECK, JENS
Commissioner of Oaths or Notary Public
(signature) [Signature]
Lifetime commission
expiry date (mm/dd/yy)

Commissioner of Oaths / Notary Public in and for: Klingenberg a.Main, Bavaria, Germany
(province, territory, or state)

For ABSA Office Use Only:

NOTES: _____

<p>To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Part 1, Clause 4.2, and is accepted for registration in Category _____</p>	
CRN:	<u>0F 020 26 . 2</u>
Registered Date:	<u>MAR 20 2020</u>
Expiry Date:	<u>March 20, 2030</u>
Signature:	<u>STEVAN STOJANOVIC</u> <u>[Signature]</u> (Signature of the Administrator/SCO)
<p>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</p>	

ALBERTA BOILERS SAFETY ASSOCIATION
9410 20 AVENUE NW
EDMONTON AB T6N 0A4

Date: May 28, 2020
Account #: 34986
Journal #: 75866

Attn: CYNTHIA FORMANIUK

Re: Application for Design Registration

The design, as detailed in your, 19AR-03459, for a Fitting is accepted for registration as follows:

Registered To: WIKA ALEXANDER WIEGAND **CRN:** 0F02026.21
GMBH & CO KG

Drawing #: 19AR-03459

Drawing Revision: 0

Conditions Of Registration:

Registration of Pressure Gauge Components.

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 20-Mar-2030. 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 ABSA CRN# 0H02026.2 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@technicalsaftybc.ca
Design Administration

cc:

REGISTRATION OF A PRESSURE FITTING DESIGN

04-Jun-20

ABSA
9410 20th Avenue NW
Edmonton, AB
T6N 0A4

Attention: Cynthia Formaniuk

File Number: 11514 [0 F]

Re: Manufacturer: WIKA Instruments Wiegand SE & Co. KG
Item: Pressure Gauge Components
Catalog or Drawing: Technical Document & Instrument List 19AR-03459 Rev. 0

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:

OF02026.23 Expiry Date: March 20, 2030

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,



Athan Syrgiannis, P.Eng.
Codes and Standards Compliance

Remarks:

CRN renewal.

Registration conditional upon compliance with the notes on the original ABSA registration.

A valid quality control program must be maintained at the production facility for the fitting registration to remain valid until the expiry date.

000768/2020



2202 2nd Ave.
Regina, SK S4R 1K3
PH: (306)796-7112 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, Franz-Josef Vogel
Executive Vice President Process Instrumentation
(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: WIKA Alexander Wiegand SE & 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: Alexander-Wiegand-Straße 30 Klingenberg, Bavaria, Germany 63911
(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 B40.100/B40.200 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, ABSA, 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 Pressure product catalog _____

In support of this application, the following information, calculations and / or test data are attached:
Technical description Rev4, Instrument lists Rev0, Catalogs and drawings per 19AR-03459; Current primary CRN 0F02026.2 (Dated 03/20/20)

II. Declaration

DECLARED before me at Klingenberg in the State of Bavaria, Germany
this 22nd day of April, 2020
Jens Haßelbeck, notary at Klingenberg a. Main (print name) _____ (Signature)

(Signature of Commissioner of the)

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 _____

Technical Safety Authority of Saskatchewan
Registration No. OF02026.23
File No. 11514
 Registered
Date: June 4, 2020
Expiry Date: March 20, 2030
Codes & Standards Compliance Office

(Date Registered - MM DD YYYY) _____ (Expiry Date - MM DD YYYY) _____
(For the Administrator / Chief Inspector)



6/8/2020

ABSA
9410-20 Ave NW
Edmonton, AB T6N 0A4

Dear Cynthia Formaniuk

Re: Reciprocal CRN Registration in Manitoba

Your application indicates that a CRN has been received in another Canadian Jurisdiction, and therefore your CRN has been registered in Manitoba as follows:

File Number: 74-R695
CRN: 0F02026.24
Scope: Extension of Fitting Registration - Instrument List 19AR-03459
Manufacturer: Wika Instruments Wiegand SE & Co KG
Expiry Date: 20/Mar/30

Please find attached invoice for registration.

As indicated by the Regulatory Reconciliation and Cooperation Table and the Reconciliation Agreement for the Canadian Registration Number (CRN) for Pressure Equipment, a CRN issued in any Canadian Jurisdiction will be accepted for use in Manitoba.

In accordance with Steam and Pressure Plants Regulation and CSA B51, it is the manufacturer's responsibility to file a Manufacturers Data Report, including partial data reports, with our office, prior to shipping pressure equipment to Manitoba.

Please contact me directly via email at Cheryl.Lashek@gov.mb.ca for any questions or concerns.

Cheryl Lashek, P.Eng
Director, ITSM
Inspection and Technical Services
Office of the Fire Commissioner
508 - 401 York Avenue, Winnipeg Manitoba R3C 0P8
T (204) 945-3507 | F (204) 948-2309



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

www.tssa.org

June 12, 2020

CYNTHIA FORMANIUK
ALBERTA BOILERS SAFETY ASSOCIATION
9410 20 AVE NW
EDMONTON AB T6N 0A4
CA

Service Request Type: BPV-Fitting Registration
Service Request No.: 2848002
Your Reference No.: 2019-07740 - PORTAL#2020-S0181
Registered to: WIKA ALEXANDER WIEGAND SE & CO. KG

Dear CYNTHIA FORMANIUK,

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

CRN No.: 0F02026.25R3
Main Design No.: INSTRUMENT LIST 19AR-03459 Rev. 0
Expiry Date: 20-Mar-2030

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

A stamped copy of the approved registration and invoice for engineering services will be sent to you shortly. Should you have any questions or require further assistance, however, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

A handwritten signature in black ink, appearing to read 'Zivko Gacevic', is written over a horizontal line.

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

Montréal, 31 MAI 2020

MME CYNTHIA FORMANIUK
ABSA
9410 - 20 Avenue
Edmonton, ON
CANADA T6N 0A4

Fabricant : WIKA ALEXANDER WIEGAND SE & CO. KG
ALEXANDER-WIEGAND-STRASSE
KLINGENBERG
GERMANY 63911

Numéro de dossier : 951159
Numéro(s) de dessin (s) : INSTRUMENT LIST 19AR-03459 REV.0

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

Madame,

La Régie du bâtiment du Québec (RBQ) vous informe que votre demande d'enregistrements de plans et devis a été traitée et que cette conception a été enregistrée sous le numéro d'enregistrement canadien (NEC\CRN) : 0F2026.26

Nous portons à votre attention cette exigence applicable à la réglementation sur les installations sous pression et des codes et normes qui y sont associés :

- Le constructeur doit maintenir un système de contrôle de la qualité valide pour fabriquer selon ce NEC.

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

Salutations distinguées,

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

Montréal, MAY 31, 2020

MRS CYNTHIA FORMANIUK
ABSA
9410 - 20 Avenue
Edmonton, ON
CANADA T6N 0A4

Manufacturer : WIKA ALEXANDER WIEGAND SE & CO. KG
ALEXANDER-WIEGAND-STRASSE
KLINGENBERG
GERMANY 63911

Our reference : 951159
Design number : INSTRUMENT LIST 19AR-03459 REV.0

Subject: Registration of designs – Confirmation of approval

Dear Madam,

The Régie du bâtiment du Québec (RBQ) informs you that your application for the registration of designs has been evaluated and that the design was registered under the Canadian Registration Number (CRN/NEC) : 0F2026.26

We bring your attention this requirement of the regulation respecting pressure installations, and the codes and standards adopted:

- The manufacturer must maintain a valid quality control program to produce according to the CRN.

This notice of approval does not relieve the constructor of his responsibilities with respect to the design or construction of equipment manufactured according to this CRN.

Yours sincerely,

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

000778 / 2020

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.rbg.gouv.qc.ca/fittings-pv.

1. Fittings to register

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

N°	Description	Additional information (detail, calculations or approval sheets)
1	Pressure product catalog	Technical description Rev4, Instrument lists Rev0, Catalogs
2		and drawings per 19AR-03459; Current primary CRN
3		0F02026.2 (Dated 03/20/20)
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, Franz-Josef Vogel Executive Vice President Process Instrumentation
(Name of the person in charge) (Title of the person in charge)
from WIKA Alexander Wiegand SE, located at Alexander-Wiegand-Straße 30, 63911 Klingenberg, Germany
(Company's name) (Plant's address)

hereby declare that the above-mentioned fittings and subject to the Regulation respecting pressure installations:

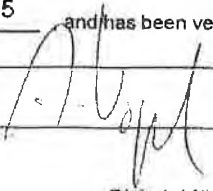
comply with the requirements of the ANSI/ASME codes as to their dimensions, identification, material and purpose
or

are not covered by the ANSI/ASME codes, but are in compliance with ASME B40.100/B40.200
(Name of code or standard)

code or standard and are designed according to the best current engineering practice, as proven by the enclosed approval report.

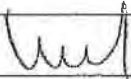

2.2 Manufacturing quality control

I further declare that the manufacture of these fittings is controlled by a quality control program that complies with the requirements of the following code: ISO 9001:2015 and has been verified by DQS
(Name of code) (Authorized agency)


Signature of the person in charge: 

Date (yyyy-mm-dd): 2020-04-22

3. Declaration of commissioner for oaths

I certify that this declaration has been administered before me, at <u>Klingenberg, Germany</u> , on <u>2020-04-22</u> .	
(Location) (Date (yyyy-mm-dd)):	
Signature of commissioner for oaths: 	Date (yyyy-mm-dd): 2020-04-22
Stamp the seal: 	

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

As far as I know, this application complies with the requirements of the Act and with standard CSA B51, Part 1, section 4.2, and is accepted for registration in the class _____.	
This registration expires in ten (10) years after the date of registration indicated above, and it must be validated again after this period.	
Canadian registration number (CRN): OF02026.26 19 mai 2020	Registration date (yyyy-mm-dd): 

Documents to attach

Any application registration for fittings must include these documents:

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

Sending the form

This declaration is mandatory in order to submit an application registration of fittings.

Application registration for fittings must only be sent by mail to this address:

Bureau d'expertise et d'homologation en équipements sous pression
Régie du bâtiment du Québec
545, boulevard Crémazie Est, 7^e étage
Montréal (Québec) H2M 2V2

000776 / 2020

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: WIKKA Alexander Wiegand SE & Co. KG	
Manufacturers Address: Alexander-Wiegand-Straße 20, 83911 Klingenberg, Germany	
Plant Locations: Same as above	
<p align="center">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 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 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 CNSC or ASME requirements)</p>	<p align="center">Title of the Standard of Construction</p> <p>ASME B40.100/B40.200</p>
<p align="center">Show Manufacturers Name, Trademark, or Logo as it will appear on the product</p> <div align="center" style="border: 2px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> <p>WIKKA</p> </div>	<p align="center">Type of Construction</p> <p>Forged <input type="checkbox"/> Welded <input type="checkbox"/> Wrought <input type="checkbox"/> Cast <input type="checkbox"/> Other <input type="checkbox"/> Describe other:</p>
<p align="center">List of supporting documentation and identification of the actual items to be registered:</p> <p>Technical description Rev4, Instrument lists Rev0, Catalogs and drawings per 19AR-03459; Current primary CRN 0F02026.2 (Dated 03/20/20)</p>	

Declaration:

I Franz-Josef Vogel (see note 3) employed by WIKKA Alexander Wiegand SE & 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 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: [Signature]


Declared before me at Klingenberg am Main, Bavaria, Germany

This 22nd day of April AD 2020

Commissioner of Oaths [Signature]

Or Notary Public: (sign) [Signature]

(Affix Official seal to the right)



Use this space for the Official Seal

Province of New Brunswick

DEPT. OF JUSTICE PUBLIC SAFETY

BOILER & PRESSURE VESSEL ACT

REGISTRATION ONLY

CRN 0F02026.27 Rev 5

[Signature]
CHIEF BOILER INSPECTOR

DATE 5/22/20 Sect 1.0 - Fittings Rev. 2

This space for Regulatory Authority use.

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

CRN: 0F02026.2 Rev 5

FID#: 15431

Notes:

- 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. Rev. is CRN renewal. Var. sensors. Gauges, Diaphragm seals, Thermometers, Acc., Transmitters. Add. of pressure models; Revised manufacturing facilities (16 total)


CRN expires March 20, 2030 - DG

- BLRs PVs
- FITTINGS NUCLEAR COMPONENTS

000776 / 2020

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: WKA Alexander Wiegand SE & Co. KG	
Manufacturers Address: Alexander-Wiegand-Strasse 20, 63911 Klingenberg, Germany	
Plant Locations: Same as above	
<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 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 F Measuring device, 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</p> <p>N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)</p>	<p>Title of the Standard of Construction</p> <p>ASME B40.100/B40.200</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"/> Cast <input type="checkbox"/> Other <input type="checkbox"/> Describe other:</p>
<p>List of supporting documentation and identification of the actual items to be registered:</p> <p>Technical description Rev4, Instrument lists Rev0, Catalogs and drawings per 19AR-03459; Current primary CRN 0F02026.2 (Dated 03/20/20)</p>	

Declaration:
 I Franz-Joel Vogt (see note 3) employed by WKA Alexander Wiegand SE & 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 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: [Signature]
 Declared before me at Klingenberg am Main, Bavaria, Germany
 This 22nd day of April AD 2020
 Commissioner of Oaths [Signature]
 Or Notary Public: (sign) [Signature]
 (Affix Official seal to the right)



This space for Regulatory Authority use

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

CRN: 0F02026.2 Rev5
 FID#: 15431

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 verification Rev. in CRN renewal. Var. sensors, Gauges, Diaphragm seals, Thermometers, Acc., Transmitters, Add. of pressure models; Revised manufacturing facilities (16 total)

CRN expires March 20, 2030 - DG

BOILER & PRESSURE VESSEL
 NOVA SCOTIA
 Date May 22/20
 C.R.N. 0F02026.2 REV5
 Dwg. as described
 Signed Yvonne Perry
1 of 1
 Part
 ACT & REGULATIONS

Secl 1.0 - Flange Rev.1

000776 / 2020


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: <u>Wika Alexander Wiegand SE & Co. KG</u>	
Manufacturers Address: <u>Alexander-Wiegand-Strasse 30, 83011 Klingenberg, Germany</u>	
Plant Locations: <u>Same as above</u>	
<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 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 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 CNSC or ASME requirements)</p>	<p>Title of the Standard of Construction</p> <p>ASME B40.100/B40.200</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"/> Cast <input type="checkbox"/> Other <input type="checkbox"/> Describe other:</p>
<p>List of supporting documentation and identification of the actual items to be registered:</p> <p>Technical description Rev4, Instrument lists Rev0, Catalogs and drawings per 19AR-03459; Current primary CRN 0F02026.2 (Dated 03/20/20)</p>	

Declaration:

I, Franz Josef Vogel (see note 3) employed by Wika Alexander Wiegand SE & 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 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: [Signature]
 Declared before me at Klingenberg am Main, Bavaria, Germany
 This 22nd day of April AD 2020
 Commissioner of Oaths: [Signature]
 Or Notary Public: (sign) [Signature]



This space for Regulatory Authority use.

CRN: 0F02026.2 Rev 5 This registration must be revalidated after ten (10) years from the date **ACCEPTED**

FID#: 15431

Notes:

- 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. Rev. Is CRN renewal, Var. sensors, Gauges, Diaphragm seals, Thermometers, Acc., Transmitters, Add. of pressure models; Revised manufacturing facilities (16 total)


CRN expires March 20, 2030 - DG

PROVINCE OF PRINCE EDWARD ISLAND
COMMUNITIES, LAND & ENVIRONMENT
 C.R.N. 0F02026.29 Rev 5
 DATE: Mar 22/20
INSPECTION SERVICES SECTION
BOILER/PRESSURE VESSEL BRANCH

000776 / 2020

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: WIKAI Alexander Wiegand SE & Co. KG	
Manufacturers Address: Alexander-Wiegand-Strasse 30, 63911 Klingenberg, Germany	
Plant Locations: Same as above	
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 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 CNSC or ASME requirements)	Title of the Standard of Construction ASME B40.100/B40.200
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: Technical description Rev4, Instrument lists Rev0, Catalogs and drawings per 19AR-03459; Current primary CRN 0F02026.2 (Dated 03/20/20)	

Declaration:
 I Franz-Josef Vogel (see note 3) employed by WIKAI Alexander Wiegand SE & 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 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: [Signature]
 Declared before me at Klingenberg am Main, Bavaria, Germany
 This 22nd day of April AD 2020
 Commissioner of Oaths: [Signature]
 Or Notary Public: (sign) [Signature]
 (Affix Official seal to the right)



CRN: <u>0F02026.2</u> FID#: <u>15431</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. Rev. is CRN renewal. Var. sensors, Gauges, Diaphragm seals, Thermometers, Acc., Transmitters, Add. of pressure models; Revised manufacturing facilities (15 total) CRN expires March 20, 2030 - DG	This space for Regulatory Authority use. This registration must be revalidated after ten (10) years from the date of acceptance. Newfoundland and Labrador Service NL Registered <u>0F02026.20 Rev5</u> Date <u>20/05/25</u> Engineering and Inspection Services Registered by <u>[Signature]</u> UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS
--	---

000776 / 2020


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: WKA Alexander Wiegand SE & Co. KG	
Manufacturers Address: Alexander-Wiegand-Strabe 30, 83911 Klingenberg, Germany	
Plant Locations: Same as above	
<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>F 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 CNSC or ASME requirements)</p>	<p>Title of the Standard of Construction</p> <p>ASME B40.100/B40.200</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>Technical description Rev4, Instrument lists Rev0, Catalogs and drawings per 19AR-03459; Current primary CRN OF02026.2 (Dated 03/20/20)</p>	

Declaration:

I, Frank-Joel Vogel (see note 3) employed by WKA Alexander Wiegand SE & 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 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: [Signature]

Declared before me at Klingenberg am Main, Bavaria, Germany

This 22nd day of April AD 2020

Commissioner of Oaths [Signature]

Or Notary Public: (sign) [Signature]

(Affix Official seal to the right)



This space for Regulatory Authority use.

This registration must be revalidated after 10 years from the date of registration.

CRN OF02026.2 Rev 5

FID#: 15431

Notes:

- 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. Rev. is CRN renewal. Var. sensors, Gauges, Diaphragm seals, Thermometers, Acc., Transmitters. Add. of pressure models; Revised manufacturing facilities (16 total)

CRN expires March 20, 2030 - DG

REGISTERED

CRN OF02026.2N Rev 5

Date May 22, 2020

Signed [Signature]

Michael Ledue
Chief Inspector
Director Safety Services - OGS

Territorial Registration Fee

000776 / 2020

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: WKA Alexander Wegand SE & Co. KG
 Manufacturers Address: Alexander-Wegand-Strasse 30, 83011 Klingenberg, Germany
 Plant Locations: Same as above

<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 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 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</p> <p>N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/>. (Meeting CNSC or ASME requirements)</p>	<p>Title of the Standard of Construction</p> <p>ASME B40.100/B40.200</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"/> Cast <input type="checkbox"/> Other <input type="checkbox"/> Describe other:</p>

List of supporting documentation and identification of the actual items to be registered:
 Technical description Rev4, Instrument lists Rev0, Catalogs and drawings per 19AR-03459; Current primary CRN 0F02026.2 (Dated 03/20/20)

Declaration:

I, WKA Alexander Wegand (see note 3) employed by WKA Alexander Wegand SE & 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 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 those 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 9002 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: [Signature]
 Declared before me at Klingenberg am Main, Bavaria, Germany
 This 22nd day of April AD 2020
 Commissioner of Oaths [Signature]
 Or Notary Public (sign) [Signature]
 (Affix Official seal to the right)



This space for Regulatory Authority use.

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

CRN: 0F02026.2 Rev5 765.00
 FID#: 15431

Notes:

- 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 reauthorized for validation.

Rev. is CRN renewal, Var. sensors, Gauges, Diaphragm seals, Thermometers, Acc., Transmitters, Add. of pressure models; Revised manufacturing facilities (18 total)

CRN expires March 20, 2030 - DG

Northwest Territories

REGISTERED UNDER THE AUTHORITY OF THE BOILER AND PRESSURE VESSEL ACT.

C.R.N. 0F02026.2 Rev5

SIGNED [Signature] Act 1.04 Fittings Rev.2

DATE May 26 2020

000776 / 2020


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: WIKA Alexander Wiegand SE & Co. KG	
Manufacturers Address: Alexander-Wiegand-Straße 30, 63911 Klingenberg, Germany	
Plant Locations: Same as above	
<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>F 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 CNSC or ASME requirements)</p>	<p>Title of the Standard of Construction</p> <p>ASME B40.100/B40.200</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>Technical description Rev4, Instrument lists Rev0, Catalogs and drawings per 19AR-03459; Current primary CRN 0F02026.2 (Dated 03/20/20)</p>	

Declaration:

I Franz-Josef Vogel (see note 3) employed by WIKA Alexander Wiegand SE & 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 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 Klingenberg am Main, Bavaria, Germany

This 22nd day of April AD 2020

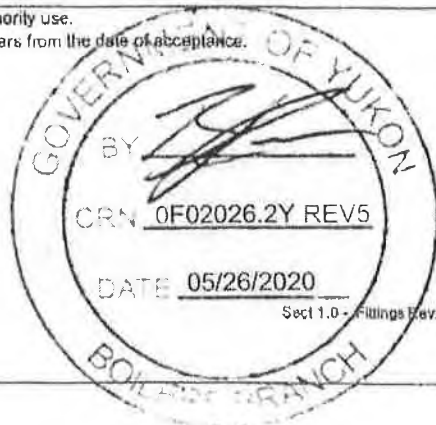
Commissioner of Oaths 

Or Notary Public: (sign) _____

(Affix Official seal to the right)



<p>This space for Regulatory Authority use.</p> <p>This registration must be revalidated after ten (10) years from the date of acceptance.</p>	
CRN: 0F02026.2	Rev5
FID#: 15431	
<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. Rev. is CRN renewal. Var. sensors, Gauges, Diaphragm seals, Thermometers, Acc., Transmitters, Add. of pressure models; Revised manufacturing facilities (18 total) 	
<p>CRN expires March 20, 2030 - DG</p>	





Stamp of certification body	Stamp of company
-----------------------------	------------------

WIKAI Alexander Wiegand SE & Co. KG

Technical description

and

Documentation CRN approval 0F02026.2

Issue / revision no. 4 of CRN approval 0F02026.2

0F02026.2

Author: WIKAI Alexander Wiegand SE & Co. KG
Alexander-Wiegand-Str. 30
63911 Klingenberg, Germany

Harald Gollas
Corporate Approvals

Tel.: +49 (0) 9372 132 5363
Fax: +49 (0) 9372 132 406
Email: harald.gollas@wika.com
<http://www.wika.de>

Internal reference: 19AR-03459

Drawing No.: 14369595.0D
 Title: CA-DESC CRN approval 0F02026.2
 Written by: Harald Gollas
 Page: 2 / 15 Date: 2019-11-14



INDEX

1. General..... 2
 1.1 Revision history of certification 2
 1.2 Scope of project..... 3
 1.3 General description 3
 1.4 Electronic pressure – data sheets are in separate binders 3
 1.5 Mechanical and Mechatronic Pressure – data sheets are in separate binders 5
 1.6 Diaphragm Seals – data sheets are in separate binders 6
 1.7 Thermometers – data sheets are in separate binders 6
 1.8 Accessories – data sheets are in separate binders..... 7
 1.9 Additional models with pressurized wetted parts – data sheets are in separate binders..... 7
 2. Drawings – CONFIDENTIAL – (Appendix A) 7
 2.1 Electronic pressure 7
 2.2 Mechanical and Mechatronic Pressure 8
 2.3 Diaphragm Seals 8
 2.4 Thermometers 8
 2.5 Accessories 8
 3. Welding procedures - CONFIDENTIAL 9
 3.1 Welding procedure qualification test certificate 9
 3.2 Pressure test documentation 9
 3.3 Supporting material information list 10
 4. Supporting Documentation 13
 4.1 Address and manufacturing location 13
 4.3 Main Contacts 14
 4.3.1 WIKA Germany 14
 4.3.2 WIKA Canada..... 15
 4.4 Quality procedure certificates 15
 4.4.1 ISO 9001 15
 4.4.2 Pressure certifications 15
 4.4 Customer logos - CONFIDENTIAL 15

0F02026.2

1. General

1.1 Revision history of certification

Issue / Revision	Date	Changes / references
01	2011-03-11	Internal request 09AR-00072 Initial Release, models as stated in the CoFC
02	2017-06-26	Internal request 14AR-01568 <ul style="list-style-type: none"> • Addition of new model designations, refer to the relevant tables • Update of drawings • Addition of manufacturing locations
03	2019-02-08	Internal request 17AR-02747 <ul style="list-style-type: none"> • Addition of new model designations, series CPGXXXX

Technical Document 1BAR-03450 (20191114)

WIKAI Alexander Wiegand SE & Co. KG
 Alexander-Wiegand-Straße 30
 63911 Klingenberg
 Germany

Tel +49 9372 132-0
 Fax +49 9372 132-406
 E-Mail info@wika.de
 www.wika.de

Kommanditgesellschaft Sitz Klingenberg –
 Amtsgericht Aschaffenburg HRA 1619

Komplementärin
 WIKAI International SE - Sitz Klingenberg -
 Amtsgericht Aschaffenburg HRB 10505
 Vorstand Alexander Wiegand
 Vorsitzender des Aufsichtsrats Dr. Max Egli

Drawing No.: 14369595.0D
 Title: CA-DESC CRN approval 0F02026.2
 Written by: Harald Gollas
 Page: 3 / 15 Date: 2019-11-14



1.2 Scope of project

This document include the scope currently registered per technical document 17AR-02747 as well as the following additions:

- Addition of new models:
Electronic Pressure Devices
 IPT-2X, PSD-4-ECO, A-1200, UPT2-x, CPH7650, GDT-20, GDS, GDHT20, GD10XX and GDI-100-D, on the Piezo Sensor category.
 IPT-2X, PSD-4-ECO, A-1200, MH-4, UPT2-x, CPH7650, on the Thinfilm Sensor category.
 UPT2-x, IPT-2X, on the Clamped Thinfilm Sensor category.
 CPT-2X, on the Ceramic Sensor category.

Mechanical and Mechatronic Pressure

331.11, PG23HP-P, PG23HP-S, PG28, GDM and GDI, on the Bourdon Tube Gauges category.
 56x.5x, 56x.3x, Switch Gauges series, PGS Series, 4xx.x6 + 8xx 5xx.xx + 8xx, on the Diaphragm gauges/Capsule gauges category.
 DPT-X, on the Differential Pressure Gauges category.

Diaphragm seals

FWG models became FWGO and FWGM.
 FWA models became FWOT and FWOS.
 FEW models were corrected to FWE.
 CHL, CHK, PWM, FDE as alternative models for 990.22, 990.SD, 990.36, 990.30 respectfully.
 PWK, TWMS added.

Additional models with pressurized wetted parts

FSD-4; LF-1 added.

0F02026.2

- Addition of available pressure test documentation in paragraph 3.2 per test reports DGR0043/15; DGR0045/17; DGR0046/17; DGR0047/17; DGR0048/18; DGR0049/19; DGR0050/19; DGR0051/19.
- Revision of the manufacturing facilities as listed on paragraph 4.1.

1.3 General description

The purpose of this document is to list products and supporting documentation for the CRN approval of pressure and temperature instrumentation made and / or sold under the name of WIKA Alexander Wiegand SE & Co. KG (in Canada WIKA Instruments Canada Ltd).

1.4 Electronic pressure – data sheets are in separate binders

Table 1: Overview electronic pressure devices included in CRN approval

Piezo Sensor	Thinfilm Sensor	Thinfilm Sensor (UHP)	Clamped Thinfilm Sensor	Ceramic Sensor
A-1x	A-1x	NWU-1x	IS-20-H	AC-1
A-1200	A-1200	WU-1x	HP-x	C-2
AUT-1	BP-1	WU-2x	IPT-2x	CPT-2x
C-1x	C-1x	WUC-1x	IS-3	DG-1x
CPG500	CPG500	WUD-2x	IUT-1x	MCTx-x
CPG1500	CPG1500	WUE-1x	UPT-2x	OC-1
CPH7000	CPT6000		UT-1x	PSD-1x
CPH7650	CPT6200			R-2

Technical Document 19AR-03459 (20191114)

Drawing No.:
Title:

14369595.0D
CA-DESC CRN approval 0F02026.2

Written by:
Page: 4 / 15

Harald Gollas
Date: 2019-11-14



CPT6000	CPT6300	xCT-1
CPT6200	CPT6400	
CPT6300	CPH7000	
CPT6400	CPH7650	
CPT7000	D-1x	
D-1x	D-1x-x	
D-1x-x	D-2x-x	
D-2x-x	DG-1x	
E-1x	E-1x	
E-2x	E-2x	
ECO-1	ECO-1	
F-1x	F-1x	
F-2x	F-2x	
GD10XX	GD-20	
GD-20	IPT-2x	
GDHT-20	IS-1x	
GDI-100-D	IS-2x	
GDS	IS-3	
GDT-20	IS-4	
IL-1x	M-1x	
IPT-2x	MG-1	
IS-1x	MH-x-xx	
IS-2x	MH-4	
IS-3	MHC-1	
IS-4	MHS	
LF-1	MHS-1	
LH-1x	MTF-x	
LS-1x	MY-17	
LW-1	N-1x	
MPR-x	O-10	
N-1x	OT-x	
O-10	P-1x	
P-1x	P-3x	
P-3x	PS-2x	
PS-2x	PS-3	
PS-3	PSA-2x	
PSA-2x	PSA-3x	
PSA-31	PSD-3x	
PSD-3x	PSD-4-xxx	
PSD-4	PSD-4-ECO	
PSD-4-ECO	UPT-2x	
R-x	R-x	
S-1x	S-1x	
S-20	S-20	
S-21	S-21	
SA-1x	SH-1	
SL-1	TI-1	

0F02026.2

Technical Document 19AR-03459 (20191114)

WIKAI Alexander Wegand SE & Co. KG
Alexander-Wegand-Straße 30
63911 Klingenberg
Germany

Tel +49 9372 132-0
Fax +49 9372 132-406
E-Mail info@wika.de
www.wika.de

Kommanditgesellschaft, Sitz Klingenberg -
Amtsgericht Aschaffenburg HRA 1819

Komplementärin:
WIKAI International SE - Sitz Klingenberg -
Amtsgericht Aschaffenburg HRB 10505
Vorstand: Alexander Wegand
Vorsitzender des Aufsichtsrats: Dr. Max Egli

Drawing No.:
Title:

14369595.0D
CA-DESC CRN approval 0F02026.2



Written by:
Page: 5 / 15

Harald Gollas
Date: 2019-11-14

TI-1	TIS-1x
TIS-2x	TIS-2x
TPR-x	TTF-1
UPT-2x	XCM-1
XCM-1	891.xx
891.xx	

x - Any letter or number

All model designations maybe followed by numbers or letter, maybe separated by "-".

1.5 Mechanical and Mechatronic Pressure – data sheets are in separate binders

Table 2: Overview mechanical and mechatronic pressure devices included in CRN approval

Bourdon Tube Gauges	Diaphragm Gauges / Capsule Gauges	Differential Pressure Gauges
111.1x	4xx.12	700.0x
111.2x	432.25	711.11
113.13	432.55	712.25 DP
113.53	43x.x0, 45x.x0	712.25 DX
130.15	43x.x6, 45x.x6	716.05
1x1.15	53x.5x, 53x.3x, 56x.5x, 56x.3x	7xx.12
13x.11	PG43SA-C	7xx.14
2x1.11	PG43SA-S	732.2x
21x.20	PG43SA-D	73x.x1
212.25	APGT / PGT series	73x.18
21x.34	IntelliGAUGE series	733.02
21x.40	Switch Gauges Series	7x2.15
21x.5x	PGS Series	891.34.1998
2x4.11	4xx.x6 + 8xx	DPGT series
222.3x	5xx.xx + 8xx	IntelliGAUGE series
230.15		DPG40
232.25		DPS40
23x.3x		DPGS40
23x.5x		DPGT40
26x.x0		DPGS40TA
26x.3x		DPGT43
3xx.11		DPGS43
312.20		DPGT43HP
332.11		DPGS43HP
33x.30		DPT-X
332.34		
33x.50		
332.54		
34x.11		
516.12, 516.11		
516.41		
PG23LT		
PG23CP		
PGT series		

0F02026.2

Technical Document 15AR-03459 (2019)114

WKA Alexander Wiegand SE & Co. KG
Alexander-Wiegand-Straße 30
83911 Klingenberg
Germany

Tel. +49 9372 132-0
Fax +49 9372 132-408
E-Mail info@wika.de
www.wika.de

Kommanditgesellschaft, Sitz Klingenberg –
Amtsgericht Aschaffenburg HRA 1819

Komplementänn:
WKA International SE - Sitz Klingenberg -
Amtsgericht Aschaffenburg HRB 10505
Vorstand: Alexander Wiegand
Vorsitzender des Aufsichtsrats: Dr. Max Egli

Drawing No.: 14369595.0D
 Title: CA-DESC CRN approval 0F02026.2
 Written by: Harald Gollas
 Page: 6 / 15 Date: 2019-11-14



PGS series
IntelliGAUGE series
switchGAUGE series
PG23HP-P
PG23HP-S
PG28
GDM
GDI
All gauges model 6xx.xx, A2G-xx, 516.11, 516.40, 7x6.11: pressure <15psi, no CRN required

x - Any letter or number
 All model designations maybe followed by numbers or letter, maybe separated by "-".

1.6 Diaphragm Seals – data sheets are in separate binders
Table 3: Overview diaphragm seals included in CRN approval

Diaphragm Seals	
970.xx; 981.xx; 983.xx; 990.xx	
Hydra Series	
M93x.xx (seal mounted to gauge from above list)	
Levelguard (seal mounted to level transmitter from above list)	
FWP; FWE; FWGO; FWGM; FWOT; FWOS	
TWA; PWJ	
CHL; CHK; PWM; FDE	
PWK; TWMS	

0F02026.2

x - Any letter or number
 All model designations maybe followed by numbers or letter, maybe separated by "-".
 The above models are covered under this CRN registration if mounted to a CRN approved measuring instrument.

1.7 Thermometers – data sheets are in separate binders
Table 4: Overview mechanical temperature devices included in CRN approval

Installation with Thermowell	Installation also without Thermowell
IFC	Model 73
MFT	Model 74
TF5x	Model 75
SC15xx	Model 76
SB15	TGS55
SW15	TGS73
TI 20 / 3x / 5x	TGS53
TI.V 2x / 3x / 4x	TGS54
TI.R 45 / 60	TG5x
TI 8x	TI.xx.3A
TT 3x / 5x	TG7x
MODEL 3x	
Model 4x	
Model 5x	

Technical Document 10AIR-03459 (20101114)

Drawing No.: 14369595.0D
 Title: CA-DESC CRN approval 0F02026.2
 Written by: Harald Gollas
 Page: 7 / 15 Date: 2019-11-14



Model 7x
TGS53
TGS54

x - Any letter or number
 All model designations maybe followed by numbers or letter, maybe separated by "-".

The above models are covered under this CRN registration if mounted to a CRN approved thermowell. The models listed as 'installation also without thermowell' are covered under this CRN registration if the application allows for an installation without thermowell.

1.8 Accessories – data sheets are in separate binders

Table 5: Overview accessories included in CRN approval

Accessories	
910.11; 910.12	
910.13	
910.15	
910.25, 910.32, 910.80, 910.81	0F02026.2

All model designations maybe followed by numbers or letter, maybe separated by "-".

1.9 Additional models with pressurized wetted parts – data sheets are in separate binders

Table 6: Overview additional models included in CRN approval

Additional models		
TSD-30	Temperature transmitter	Made by WIKA
FSD-3	Flow transmitter	Wetted parts made by other manufacturer
FSD-4	Flow transmitter	Wetted parts made by other manufacturer
LH-20	Pressure transmitter	Made by other manufacturer
LSD-30	Level transmitter	Made by WIKA
LSD-4	Level transmitter	Made by other manufacturer
DP-10	Pressure transmitter	Made by other manufacturer
LF-1	Submersible pressure sensor	Made by WIKA

All model designations maybe followed by numbers or letter, maybe separated by "-".

Drawing No.: 14369595.0D
Title: CA-DESC CRN approval 0F02026.2
Written by: Harald Gollas
Page: 13 / 15 Date: 2019-11-14



4. Supporting Documentation

4.1 Address and manufacturing location

WIKAI Alexander Wiegand SE & Co. KG

Alexander-Wiegand-Straße
D-63911 Klingenberg
Germany

WIKAI Polska spółka z ograniczoną odpowiedzialnością sp. k.

ul. Łęgska 29/35
87-800 Włocławek
POLAND

WIKAI Polska spółka z ograniczoną odpowiedzialnością SGF sp. k.

ul. Kawka 6
87-800 Włocławek
POLAND

WIKAI Instruments Ltd.

3103 Parsons Road
Edmonton, AB T6N 1C8
CANADA

WIKAI Instrument, LP

1000 Wiegand Boulevard
Lawrenceville, GA 30043
USA

0F02026.2

Gayesco-WIKAI USA, LP

229 Beltway Green Boulevard
Pasadena, TX 77503
USA

WIKAI Instrumentation (Suzhou) Co. Ltd

No 81 Tayuan Road, Suzhou New District,
Sozhou, Jiangsu Province
P.R. CHINA

WIKAI DO BRASIL INDÚSTRIA E COMÉRCIO LTDA.

Av. Ursula Wiegand 03
18560-000 Iperó - SP
Brazil

Technical Document 19AR-03459 (20191114)

WIKAI Alexander Wiegand SE & Co. KG
Alexander-Wiegand-Straße 30
63911 Klingenberg
Germany

Tel +49 9372 132-0
Fax +49 9372 132-406
E-Mail info@wika.de
www.wika.de

Kommanditgesellschaft Sitz Klingenberg –
Amtsgericht Aschaffenburg HRA 1819

Komplementärn:
WIKAI International SE - Sitz Klingenberg -
Amtsgericht Aschaffenburg HRB 10505
Vorstand: Alexander Wiegand
Vorsitzender des Aufsichtsrats: Dr. Max Egli

Drawing No.: 14369595.0D
Title: CA-DESC CRN approval 0F02026.2
Written by: Harald Gollas
Page: 14 / 15 **Date:** 2019-11-14



Mensor Limited Partnership
201 Barnes Drive
San Marcos, Texas 78666
USA

Wika Instruments India Pvt. Ltd
Plot no.40 Gat no.94+100
Hi cliff industrial estate
Village kesnand, Wagholi
Pune, 412207
INDIA

WIKA Instruments (Pty) Ltd.
Chilver Street, Denver
2094, Johannesburg
South Africa

Felwerktechnik Wiegand KG
Industriestraße 11
CH-6285 Hitzkirch
Switzerland

WIKAI SCHWEIZ AG
Industriestraße 11
CH-6285 Hitzkirch
Switzerland

KSR KUEBLER Niveau-Messtechnik AG
Heinrich-Kübler-Platz 1 oder (alt - Im Kohlstätterfeld 17)
D - 69439 Zwingenberg am Neckar
Germany

Stoerk Mess- und Regeltechnik GmbH
Jacobstrasse 6 - 8
D-39517 Dolle
Germany

tecsis GmbH
Carl-Legien-Straße 40
D-63073 Offenbach am Main
Germany

4.3 Main Contacts

4.3.1 WIKAI Germany

Harald Gollas
Corporate Approvals
WIKAI Alexander Wiegand SE & Co. KG
Alexander-Wiegand-Str. 30
63911 Klingenberg
GERMANY

0F02026.2

Technical Document 19AR-03459 (20191114)

WIKAI Alexander Wiegand SE & Co. KG
Alexander-Wiegand-Straße 30
63911 Klingenberg
Germany

Tel. +49 9372 132-0
Fax +49 9372 132-406
E-Mail info@wika.de
www.wika.de

Kommanditgesellschaft Sitz Klingenberg –
Amtsgericht Aschaffenburg HRA 1818

Komplementärin:
WIKAI International SE - Sitz Klingenberg -
Amtsgericht Aschaffenburg HRB 10505
Vorstand: Alexander Wiegand
Vorsitzender des Aufsichtsrats: Dr. Max Egli

Drawing No.: 14369595.0D
Title: CA-DESC CRN approval 0F02026.2
Written by: Harald Gollas
Page: 15 / 15 Date: 2019-11-14



4.3.2 WIKA Canada

Robert Woo
WIKA Instruments Ltd.
3103 Parsons Road
Edmonton, AB T6N 1C8
CANADA

4.4 Quality procedure certificates

4.4.1 ISO 9001
See Appendix C

4.4.2 Pressure certifications

See Appendix D

4.5 Customer logos - CONFIDENTIAL

See Appendix E

0F02026.2

Stempel der Prüfstelle / Stamp of certification body	Firmenstempel / Stamp of company

Technical Document 19AR-03459 (20191114)

WIKAI Alexander Wiegand SE & Co. KG
Alexander-Wiegand-Strasse 30
63911 Klingenberg
Germany

Tel. +49 9372 132-0
Fax +49 9372 132-408
E-Mail info@wika.de
www.wika.de

Kommanditgesellschaft: Sitz Klingenberg –
Amtsgericht Aschaffenburg HRA 1819

Komplementärin:
WIKAI International SE - Sitz Klingenberg -
Amtsgericht Aschaffenburg HRB 10506
Vorstand: Alexander Wiegand
Vorsitzender des Aufsichtsrats: Dr. Max Egl

Model	Series	Pressure Rating (bar)	Process Connection	Max. Temp. (°F)	MDMT (°F)
A-1X	A-10	-1 to 1000	Thread G, NPT, SAE & R	180	32
A-1X	A-1200	-1 to 1000	Thread G, NPT & R	250	-40
D-2X-X	D-20-9; D-21-9	0 to 1000	Thread G, NPT	250	-40
E-1X	E-10, E-11	-1 to 1000	Thread G, NPT	215	-40
N-1X	N-10; N-11	0 to 1000	Thread G & NPT. Welded with G socket	170	-20
O-X	O-1	0 to 600	Thread G, SAE, R & NPT	200	-22
OT-X	OT-1	0 to 600	Thread G, SAE & NPT	250	-40
R-X	R-1	-1 to 160	Thread G, R, SAE, metric & NPT.	200	-40
S-1X	S-10	-1 to 1000	Thread G, R, SAE, metric & NPT.	250	-40
S-1X	S-11	-1 to 600	Thread G	250	-40
S-2X	S-20	0 to 1000	Thread G, R, SAE, metric & NPT.	250	-20
SL-1	SL-1	25 to 1000mbar	Thread, G, NPT, Metric and SAE	170	-22
TI-1	TI-1	-1 to 1000	Thread, G, NPT, Metric and SAE	250	-40
TIS1X, TIS-2X	TIS-20; TIS-21	-1 to 1000	Thread, G, NPT & Metric	220	-40
IS-2X; IS-2X-X	IS-20-S; IS-21-S; IS-20-F; IS-21-F	-1 to 1000	Thread G & Metric	170	-4
CPG1500	CPG1500	0 to 1000	Thread G, NPT	120	14
CPG500	CPG500	-1 to 1000	Thread G	170	-20
GDI-100-D	GDI-100-D	0 to 25	Thread G	120	14
UPT-2X	UPT-20;UPT-21	-1 to 1000	Thread, G, NPT & Metric	220	-4
PSD-3X	PSD-30;PSD-31	-1 to 600	Thread G, R & NPT	180	-4
PSD-4	PSD-4	-1 to 1000	Thread G, R & NPT	170	-4
PSD-4-XXX	PSD-4-ECO	-1 to 1000	Thread G, R & NPT	250	-40
C-1X	C-10	0 to 1000	Thread G & NPT	200	-20
D-1X	D-10	0 to 1000	Thread G, NPT	170	-4
CPT/H6000	CPH/T6000	0 to 1000	Thread G, NPT	120	32
D-1X-X	D-10-9/11-9	0 to 1000	Thread G, NPT	170	-4
D-1X-x	D-10-7/11-7	0 to 1000	Thread G, NPT	170	-4
F-2x	F-20,F-21	0 to 1000	Thread G, NPT	210	-20
ECO-1	ECO-1	0 to 1000	Thread G, NPT	210	-40
F-1x, IF-1x	F-10	0 to 1000	Thread G, NPT	250	-20
IL-10	IL-10	0 to 25	Thread G	185	14
IS-1X	IS-10/11	0 to 1000	Thread G	220	-20
LS-1X	LS-10	0 to 10	Thread G	120	14
LH-1X	LH-10	0 to 25	Thread G	185	14
P-1x	P-10;P-11	0 to 1000	Thread G & NPT. Thread G w/Oring	170	-4
PS-2x	PS-20;PS-21	0 to 1000	Thread G & NPT	210	-20
MPR-X	MPR-1	0 to 6	Thread G, SAE & NPT	250	-40
LF-1	LF-1	0 to 6	Thread Metric	170	-40
P-3x	P-30;31	-1 to 1000	Thread G, Metric & NPT	220	-20
GDT-20	GDT-20	0 to 5	Thread G	170	-40
GDS	GDS	0 to 25	Thread G	170	-40
GDS	GDS-MV	0 to 25	Thread G	150	-4
GDHT-20	GDHT-20	0 to 16	Threaded G, Metric,	170	-40
CPT6200	CPH/T6200	-1 to 1000	Thread G	120	14
CPH6300	CPH/T6300			120	-13
CPH/T6400	CPH/T6400	0 to 1000	Thread G, NPT	120	14
CPH/T7000	CPH/T7000	-1 to 25	Thread G	120	-4
CPH7650	CPH/T7650	-1 to 20	Thread G	120	-4
GD10-XX	GD10-I;GD10-C	0 to 25	Socket G size	140	-40
GD10-XX	GD10-F	0 to 25	Socket G size	140	-40
M-1X	M-10;M-11	0 to 100	Thread G & NPT	200	-40
MG-1	MG-1	0 to 415	Thread G, SAE, R & NPT	160	-4
MH-X-XX	MH-1	0 to 600	Thread G, SAE, R & NPT	250	-40
MH-X-XX	MH-2	0 to 1000	Thread G, SAE, R & NPT	250	-40
MH-X-XX	MH-3	0 to 600	Thread G, SAE, R & NPT	250	-40
MHC-1	MHC-1	0 to 1000	Thread G, SAE, R & NPT	250	-40
TTF-1	TTF-1	-1 to 1000	Thread, G, NPT, Metric and SAE	250	-40
DG-1X	DG-10	-1 to 600	Thread G, NPT	200	-20
SH-1	SH-1	0 to 1000	Thread Metric and SAE	210	-20
WU-2X	WU-20, WU-25, WU-26	0 to 415	Thread SAE, Welded	170	-4
WUC-1X	WUC-10, WUC-15, WUC-16	0 to 415	Thread SAE, Welded	170	-4
WUD-2X	WUD-20; WUD-25; WUD-26	0 to 415	Thread SAE, Welded	200	-4

Model	Series	Pressure Rating (bar)	Process Connection	Max. Temp. (°F)	MDMT (°F)
WU-1X	WU-10; WU-15; WU-16	0 to 415	Thread SAE, Welded, VCR metal gasket face seal fitting	200	-4
HP-X	HP-2	0 to 1000	Thread SAE & Metric	170	-4
IPT-X	IPT-20; IPT-21	0 to 1000	Thread G, NPT, Metric	220	-40
IS-3	IS-3	0 to 1000	Thread G, NPT & Metric	170; 300; 400;	-40
CPT-2X	CPT-20;CPT-21	-1 to 60	Thread G, NPT & R	300	-4
AC-1	AC-1	-1 to 60	Thread G, NPT & R	200	-40
C-2	C-2	-1 to 60	Thread G, NPT & R	200	-20
OC-1	OC-1	0 to 100	Thread G, SAE & NPT	185	-4
PSD-1x	PSD-10	-1 to 16; -1 to 600	Thread G	210	-20
111.1X	100.0X; 100.1X	0 to 16	Threaded R	300	-40
111.1X	111.10;111.12	0 to 415	Threaded G	140	-40
111.1X	111.10DW	-1 to 40	Thread NPT	140	-40
111.1X	111.10R	0 to 35	Thread NPT	150	-40
111.1X	111.10SP	0 to 40	Thread NPT	140	-40
111.1X	111.11	0 to 415	Thread NPT	140	-40
111.1X	111.11PM	0 to 415	Thread NPT	140	-40
111.1X	111.11RF	-1 to 55	Thread NPT	140	-40
111.1X	111.12.027	0 to 415	Thread NPT	140	-5
111.1X	111.12.040	0 to 415	Threaded G	140	-5
111.1X	111.12DW	-1 to 40	Thread NPT	140	-40
111.1X	111.14	0 to 12	Threaded G	140	-5
111.1X	111.16;111.26	0 to 415	Threaded G	140	-5
111.1X	111.16PM	0 to 415	Thread NPT	140	-40
111.2X	111.25CT	0 to 40	Thread NPT	140	-40
111.2X	111.25DW	0 to 40	Thread NPT	140	-40
111.1X	111.31	0 to 415	Thread NPT	140	-5
112.28;132.28	112.28;132.28	0 to 40	Threaded G	140/400	-40
113.13	113.13	0 to 415	Threaded G	140	-5
113.53	113.53	0 to 600	Threaded G	140	-5
116.15	116.15	0 to 450	Threaded G, NPT	140	-5
116.18.X	116.18.023	0 to 450	Threaded Metric	140	-40
116.18.X	.036;.041	0 to 415	Threaded G	140	-5
130.15	130.15	0 to 680	Threaded G, NPT, metric	210	-40
131.X1	131.11	0 to 1000	Threaded G, NPT, metric	210	-40
13X.53	132.53; 133.53	0 to 1000	Threaded G, NPT, metric	210	-40
1500-8.5"	1500-8.5"	0 to 35	Threaded G, NPT, metric	140	-5
1500-8.5"	1500-8.5"	-1 to 70	Thread NPT	140	-5
151.1X	151.10;151.12;151.17	0 to 25	Threaded G	140	-5
21X.20	212.20	0 to 1000	Threaded G, NPT, metric	140	-40
212.25	212.25	0 to 70	Threaded G, NPT, metric	210	-40
21X.34	212.34;213.34	-1 to 1000	Threaded NPT, metric	140	-40
21x.40	212.40;213.40	-1 to 1000	Thread NPT	140	-40
21x.5x	212.53s;213.53s	-1 to 1000	Threaded SAE	140	-40
21x.5x	212.54;213.54	-1 to 1000	Thread NPT	140	-40
21X.40	213.40	0 to 1000	Threaded G, NPT, metric	140	-5
21x.5x	212.53;213.53	-1 to 1000	Thread NPT	140	-40
21x.5x	213.53	0 to 1000	Threaded G	140	-40
21x.5x	213.53DW	-1 to 40	Thread NPT	140	-40
2X4.11	214.11;234.11	0 to 1000	Threaded G	210	-40
222.3X	222.34;223.34	0 to 1000	Thread NPT	210	-40
23X.15	230.15	0 to 415	VCR, threaded SAE	210	-40
23X.15	230.25	-1 to 350	Welded and Threaded VCR swivel	210	-40
23X.25	230.25	-1 to 350	Welded and Threaded swivel	210	-40
23X.25	232.25	0 to 1000	Thread NPT	210	-40
23X.3X	232.30;233.30	0 to 1000	Threaded G, NPT, metric	400	-40
23X.3X	232.30;233.30	-1 to 1000	Threaded G, NPT, metric	400	-40
23X.3X	232.34;233.34 NS4.5	0 to 1000	Threaded G, NPT, metric	210	-40
23X.3X	232.34DD	0 to 1000	Threaded G, NPT, metric	400	-65
23X.3X	232.35	0 to 415	VCR, threaded SAE, welded	210	-40
23X.3X	232.36;233.36	-1 to 40	Threaded G, NPT, metric	400	-40
23X.5X	232.50;233.50	0 to 1000	Threaded G, NPT, metric	400	-40

Model	Series	Pressure Rating (bar)	Process Connection	Max. Temp. (°F)	MDMT (°F)
23X.5X	232.50;233.50	0 to 1000	Threaded G, NPT, metric	400	-40
23X.5X	232.50;233.50	0 to 1000	Threaded G, NPT, metric	400	-40
23X.5X	232.50AM;233.50AM	-10 to 20	Thread NPT	210	-40
23X.5X	232.54;233.54	0 to 1000	Thread NPT	210	-40
23X.5X	232.54	0 to 1000	Thread NPT	210	-40
23X.3X	233.34	0 to 1000	Thread NPT	210	-5
23X.5X	233.50	0 to 1000	Threaded G, NPT, metric	210	-40
23X.5X	232.53;233.53	0 to 1000	Thread NPT	210	-40
23X.5X	233.55	0 to 1000	Thread NPT	210	-5
26X.3X	262.34;263.34	0 to 1000	Thread NPT	210	-40
300 2.75"	300-2.75A	0 to 7	Threaded G, NPT, metric	140	-5
300 2.75"	300-2.75D	-1 to 7	Threaded G, NPT, metric	140	-5
300 2.75"	300-2.75I	-1 to 7	Threaded G, NPT, metric	140	-5
300 6"	300-6A	-1 to 2	Thread NPT	140	-5
300 6"	300-6D	-1 to 7	Thread NPT	140	-5
300 6"	300-6I	-1 to 7	Thread NPT	140	-5
31X.11;331.11	311.11;331.11	0 to 1000	Threaded G, NPT, metric	400	-40
312.2	312.20	0 to 600	Threaded G, NPT, metric	400	-20
332.11	332.11	0 to 600	Threaded metric	400	-40
332.25	332.25	0 to 1000	Threaded G, NPT, metric	210	-40
33X.30	332.30;333.30	0 to 1000	Threaded G, NPT, metric	210	-40
332.34	332.34	0 to 1000	Thread NPT	210	-40
332.34	332.34DD	0 to 700	Thread NPT	400	-65
33X.50	332.50;333.50	0 to 1000	Threaded G	400	-40
332.54	332.54	0 to 1000	Thread NPT	210	-40
332.54	332.54 UHP	0 to 350	VCR, threaded SAE, welded	210	-40
34X.11	342.11	0 to 1000	Threaded G, NPT, metric	210	-5
516.11	516.11	0 to 1	Threaded	160	-5
PG-21BP-1;2	PG-21BP	0 to 25	Thread NPT, G, Metric	170	-40
PG21DPB	PG-21DPB	0 to 16	Thread NPT, G, Metric	140	-5
21X.53	21X.53	0 to 1000	Thread NPT	140	-40
PG21PB	PG21PB	0 to 16	Thread NPT, G, Metric	140	-5
PG23CP	PG23CP	0 to 1000	Thread NPT	400	-40
PG23HP-P	PG23HP-P	0 to 1000	Thread G	400	-40
PG23HP-S	PG23HP-S	0 to 1000	Thread G	400	-40
PG23LT	PG23LT	0 to 1000	Thread NPT, G, Metric	210	-94
PG23SUB	PG23SUB.063; PG23SUB.100	0 to 1000	Thread NPT	400	-40
2X1.11	211.11;231.11	0 to 1000	Thread NPT	400	-40
PGT	PGT01	0 to 10	Thread G	160	-40
PGT	PGT02	0 to 10	Thread G	160	-40
PGT	PGT10	0 to 415	Thread G	160	-40
PGT	PGT10usb	0 to 415	Thread G	160	-40
PGT	PGT11	0 to 11	Thread NPT, G	190	-4
PGT	PGT15	0 to 415	Thread NPT, G	250	-40
PGT	PGT21	0 to 415	Thread NPT, G	160	-4
PGT	PGT23.063	-1 to 1000	Thread NPT, G, Metric	400	-4
PGT	PGT23.100;160	0 to 1000	Thread NPT, G, Metric	210	-40
PGT	PGT43.100;160	0 to 25	Thread NPT, G, Metric, ASME Flange	400	-4
PGT	PGT43HP.100;160	0 to 40	Thread NPT, G, Metric, ASME Flange	400	-4
PGT	PGT63HP.100;160	0 to 100	Thread NPT, G, Metric	210	-4
23X.15	230.15w851	-1 to 415	VCR, threaded SAE, NPT	210	-40
23X.15	230.15w851.3	0 to 415	VCR, threaded SAE, NPT	210	-4
Switch gauge	432.56 + 8XX; 432.36 + 8XX	0 to 400	Thread NPT, G, Metric, ASME Flange	400	-4
Switch gauge	532.52+8XX ;532.53+8XX; 532.54+8XX	0 to 250	Thread NPT, G, Metric, ASME Flange	400	-4
Switch gauge	632.51 + 8XX	0 to 0.100	Thread NPT, G, Metric, R	210	-4
1500-8.5"	1500-8.5"	-1 to 10	Thread NPT	140	-5
4XX.12	422.12;423.12	0 to 40	Threaded G, NPT, metric	210	-40
43X.X0	432.10;432.15	-1 to 11	Threaded SAE	140	10
432.25	432.25	-1 to 9	VCR, threaded SAE, welded	140	10
43X.X0	432.30;433.30	-1 to 25	Thread NPT, ASME flange	400	-5
43X.X6	432.36;433.36	0 to 415	Thread NPT	210	-5

Model	Series	Pressure Rating (bar)	Process Connection	Max. Temp. (°F)	MDMT (°F)
43X.X0	432.50;433.50	0 to 40	Thread NPT	210	-40
43X.X6	432.56;433.56	0 to 40	Thread NPT	210	-5
45X.X0	452.50;453.50	0 to 40	ASME Flange	400	-5
53X.5X	532.52;532.53;532.54	0 to 25	Threaded G, NPT, metric	210	-40
APGT	APGT43	0 to 25	Thread NPT, G, Metric	400	-40
APGT	APGT43	0 to 250	Thread NPT, G, Metric, ASME Flange	400	-40
PGS15	PGS15	0 to 415	Thread NPT, G, Metric, R	190	-4
PGS06	PGS06	0 to 400	Thread G	140	-4
PGS07	PGS07	0 to 400	Thread NPT, G, Metric, R	140	-4
PGS10	PGS10	0 to 400	Thread NPT, G, Metric, R	140	-4
PGS11	PGS11	0 to 415	Thread NPT, G, Metric, R	140	-40
PGS11.040	PGS11.040	0 to 400	Thread NPT, G, Metric, R	140	-4
PGS21	PGS21	0 to 400	Thread G	140	-4
PGS21.050	PGS21.050	0 to 400	Thread NPT, G, Metric, R	140	-4
PGS21.100;160	PGS21.100;160	0 to 600	Thread NPT, G	170	-4
PGS23.063	PGS23.063	0 to 400	Thread NPT, G, Metric, R	210	-4
PGS23.100;160	PGS23.100;160	0 to 1000	Thread NPT, G, Metric, R	210	-4
PGS25	PGS25	0 to 400	Thread NPT, G, Metric, R	140	-4
PGS43.100;160	PGS43.100;160	0 to 25	Thread NPT, G, Metric, ASME Flange	400	-4
700.OX	700.01;700.02	0 to 415	Threaded G	210	-40
700.OX	700.04	0 to 415	Thread NPT	210	-40
700.OX	700.05	0 to 200	Thread NPT	210	-40
7X1.12	7X1.12	0 to 1000	Thread NPT	210	-5
7XX.15	712.15.100; 732.15.100	0 to 50	Thread NPT, metric	170	-40
7XX.15	712.15.160; 732.15.160	0 to 50	Thread NPT, G, Metric	170	-40
712.25DP	712.25DP	0 to 70	Thread NPT	140	-5
712.25DX	712.25DX	0 to 70	Thread NPT	140	-5
716.05	716.05	0 to 16	Thread G	170	5
711.11 (7XX.11)	716.11;736.11	0 to 0.25	Thread NPT, G, Metric	170	-5
7XX.14	734.14;762.14	0 to 415	Thread NPT, G	210	-5
73X.18	732.18;733.18	-1 to 60	Thread G	140	32
732.2X	732.25	0 to 200	Thread NPT	210	-40
732.2X	732.26	0 to 40	Thread NPT	210	-40
73X.X1	732.51	0 to 25	Thread NPT	400	-40
73X.X1	736.51	0 to .20	Thread G	140	-5
DPG40	DPG40	0 to 25	Thread NPT, G, Metric	195	14
DPT-X	DPT-10	-40 to 630	Thread NPT, R	210	-40
DPGT40	DPGT40	0 to 25	Thread G	180	-40
DPGT43	DPGT43	0 to 40	Thread NPT, G, Metric,	210	-4
DPGT43HP	DPGT43HP	0 to 40	Thread NPT, G, Metric,	210	-4
891.34.1884	891.34.1884	0 to 250	Thread G	140	-4
DPGS40	DPGS40	0 to 25	Thread G	190	14
DPGS40TA	DPGS40TA	0 to 25	Thread G	190	14
DPGS43	DPGS43.100;160	0 to 40	Thread NPT, G, Metric, R	210	-4
DPGS43HP	DPGS43HP.1X0	0 to 400	Thread NPT, G, Metric, R	210	-40
DPS40	DPS40	0 to 10	Thread G	190	14
970.XX	970.10	0 to 1000	Thread NPT	800	-40
981.XX	981.10	0 to 600	ASME Flange, Thread NPT	1000	-40
981.XX	981.27	0 to 70	ASME Flange up to class 300 (1to4NPS)	1000	-40
981.XX	981.31	0 to 100	ASME Flange up to class 600 (1to8NPS)	1000	-40
981.XX	L981.SY	20 to 350	Thread NPT	1000	-40
990.XX	990.10	0 to 250	Thread NPT	750	-130
990.XX	990.10	0 to 250	Thread G, NPT, R, Metric, Socket Weld	750	-40
990.XX	990.12	0 to 350	ASME Flange 1/2 to 2NPS up to class 600; Thread NPT	750	-40
990.XX	990.12	0 to 650	ASME Flange 1/2 to 2NPS up to class 2500; Thread NPT, G	750	-40
990.XX	990.14	0 to 620	Thread NPT	250	-40
990.XX	990.15	0 to 250	Thread G, Welded, Flange	750	-20
990.XX	990.16	0 to 650	ASME Flange 1/2 to 2NPS up to class 2500; Thread NPT, G	750	-40
990.XX	990.17	0 to 40	Thread G, NPT, welded	750	-40
990.XX	990.23	0 to 40	Welded; Thread G, NPT; Flanged	750	-40
990.XX	990.26	0 to 350	ASME Flange 1/2 to 1NPS up to class 600; Thread NPT, G	750	-40
990.XX	990.26	0 to 350	ASME Flange 1/2 to 1NPS up to class 600; Thread NPT, G	750	-40

Model	Series	Pressure Rating (bar)	Process Connection	Max. Temp. (°F)	MDMT (°F)
990.XX	990.27	0 to 650	ASME Flange 1 to 5NPS up to class 2500; Thread NPT	750	-40
990.XX	990.27	0 to 650	ASME Flange 1 to 5NPS up to class 2500, API Flange; Thread NPT	750	-40
990.XX	990.28	0 to 650	ASME Flange 2 to 5NPS up to class 2500, API Flange; Thread NPT	750	-40
990.XX	990.29	0 to 650	ASME Flange up to class 2500, Thread NPT, G	750	-40
990.XX	990.31	0 to 10	Thread NPT, G	250	20
990.XX	990.34	6 to 650	Thread NPT	750	-20
990.XX	990.35	0 to 350	ASME Flange 2 to 5NPS up to class 600, API Flange; Thread NPT	750	-40
990.XX	990.35	0 to 350	ASME Flange 2 to 5NPS up to class 600, API Flange; Thread NPT	750	-40
990.XX	990.36	0 to 600	Thread NPT, G	750	-40
990.XX	990.36	10 to 650	Thread NPT, G	750	-40
990.XX	990.40	0 to 100	Thread NPT	250	-40
990.XX	990.40	0 to 100	Thread NPT, G, Metric, R	250	-40
990.XX	990.41	0 to 400	ASME Flange 1/2 to 2NPS up to class 1500; Thread NPT	250	-40
990.XX	990.41	0 to 400	ASME Flange 1/2 to 2-1/2 NPS up to class 1500; Thread NPT	750	-40
990.XX	990.48	0 to 350	ASME Flange up to 3NPS class 600; Thread NPT, G	350	-40
990.XX	990.49	0 to 350	ASME Flange up to 3NPS class 600; Thread NPT, G	750	-40
990.XX	990.FA	0 to 350	ASME Flange 1/2 to 2 NPS up to class 1500; Thread NPT	750	-40
990.XX	990.FB	0 to 350	ASME Flange 1/2 to 2 NPS up to class 600; Thread NPT	750	-40
990.XX	990.FC	0 to 100	ASME Flange 1/2 to 1-1/2 NPS up to class 300; Thread NPT	750	-40
990.XX	990.FD	0 to 100	ASME Flange 1/2 to 1-1/2 NPS up to class 300; Thread NPT	750	-40
990.XX	990.FR	0 to 650	ASME Flange up to class 2500; Thread NPT	750	-40
990.XX	990.PF	1 to 10	ASME Flange class 150; Thread NPT	750	-40
990.XX	990.TA	0 to 350	Thread NPT	250	-40
990.XX	990.TB	0 to 170	Thread NPT	250	-40
990.XX	990.TC	0 to 170	Thread NPT	250	-40
Level guard	Levelguard	1 to 10	Welded, Thread G	250	-40
FWGx	FWGM; FWGO	0 to 400	Thread NPT, ASME flange 1-1/2 to 4 NPS up to 600#	400	-40
FWP	FWP	0 to 400	Thread NPT, ASME flange 1-1/2 to 4 NPS up to 600#	400	-40
FWOx	FWOT; FWOS	0 to 400	Thread NPT, ASME flange 1-1/2 to 4 NPS up to 600#	400	-40
FW E	FW E	0 to 400	Thread NPT, ASME flange 1-1/2 to 4 NPS up to 600#	400	-40
TWA	TWA	0 to 400	Thread NPT	400	-40
PWJ	PWJ	0 to 400	Thread NPT, ASME flange 3 to 4 NPS up to 600#	400	-40
PWK	PWK	0 to 400	Welded, Thread G, NPT	400	-40
PWM	PWM	0 to 400	Thread NPT, G	400	-40
FDE	FDE	0 to 350	ASME Flange 2 to 5NPS up to class 600, API Flange; Thread NPT	400	-40
TWMS	TWMS	0 to 600	Thread NPT, G	400	-40
TRA	TRA	0 to 10	Thread	250	14
FRA	FRA	0 to 10	Flanged	250	14
FWR	FWR	0 to 10	Flanged	250	14
TGS55	TGS55	0 to 25	Thread NPT, G, Metric	1100	-94
TGS53	TGS53	0 to 25	Thread NPT, G, Metric	400	-20
TGS54	TGS54	0 to 25	Thread NPT, G, Metric	400	-20
TGS73	TGS73	0 to 25	Thread NPT, G, Metric	1100	-94
MODEL 3x	Model 32	0 to 6	Thread Metric, G	1300	-328
Model 4x	Model 42	0 to 6	Thread Metric, G	1300	-40
Model 5x	Model 55	0 to 25	Thread Metric, G, NPT	1300	-40
Model 73	Model 73	0 to 25	Thread Metric, G, NPT	1300	-40
Model 75	Model 75	0 to 40	Thread G, NPT	1300	-110
Model 76	Model 76	0 to 40	Thread G, NPT	1100	-94
TG7x	TG7x	0 to 25	Thread NPT, G, Metric	1100	-94
TI.xx.3A	TI.xx.3A	0 to 25	Thread NPT, G, Metric	1100	-94
TG5x	TG53/54	0 to 25	Thread NPT, G, Metric	480	-40
MFT	MFT	0 to 4	Thread G	750	-20
Model 7x	TGT73.100;160	0 to 600	Thread NPT, G, Metric	750	-20
IFC	IFC	Via Thermowell		650	-40
TF5x	TF58;59	Via Thermowell		750	-20
SC15xx	SC15	Via Thermowell		750	-40

Model	Series	Pressure Rating (bar)	Process Connection	Max. Temp. (°F)	MDMT (°F)
SB15	SB15	Via Thermowell		750	-40
SW15	SW15	Via Thermowell		1000	-100
TI.V 2x / 3x / 4x	TI.V20/25/35/45	Via Thermowell		450	-40
TI.R 45 / 60	TI.R45/60	Via Thermowell		400	-320
TI 8x	TI.80/82	Via Thermowell		300	-50
TT 3x / 5x	TT.30	Via Thermowell		550	-40
TGS53	TGS53	0 to 25	Thread NPT, G, Metric	1300	-320
TGS54	TGS54	0 to 25	Thread NPT, G, Metric	1100	-94
TI 20 / 3x / 5x	TI.20/30-34/50-54	Via Thermowell		1300	-328
910.1x	910.11; 910.12; 910.13; 910.15	per table 910.15 05/2008	Thread NPT	per table 910.15 05/2008	-40
910.32	910.32	0 to 400; 0 to 600; 0 to 200	Thread NPT, G	400; 400; 700	-40
910.8	Model IVM	per table AC 09.17 · 03/2019 (page 5)	ASME Flange, Thread NPT	per table AC 09.17 · 03/2019 (page 5)	-40
910.81	910.81	0 to 420; 0 to 600	Thread NPT	400	-40
910.25	910.25	0 to 400	Thread NPT, G, Metric	480	-40