



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

August 13, 2018

JOHN FRIEDRICHS
CONTROLS CORPORATION OF AMERICA
1501 HARPERS RD
VIRGINIA BEACH VA 23454
US

Service Request Type.: BPV-National ACI Central
Service Request No.: 2324676
Your Reference No.:
Registered to.: CONTROLS CORPORATION OF AMERICA

Dear JOHN FRIEDRICHS,

Please find enclosed the original response from PEI,NS,NB,NFLD,YK,NWT,NU, registered under the CRN No.: 0H5216.59870YTNR2.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you. For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Tanya Francis
Administrative Assistant_ BPV Engineering
Tel.: 416-734-3423
Fax: 416-231-6183
Email: tfrancis@tssa.org

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURER'S NAME: CONTROLS CORPORATION OF AMERICA
 MANUFACTURER'S ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA
 PLANT LOCATION: (SAME)

- 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 fuel gas
 - H Pressure retaining components that do not fall into one of the above categories
 - N Nuclear components: Class 1 Class 2 Class 3 (Meeting AECB or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION

PROOF TEST
= 4 x MAX
DESIGN PRESSURE

SHOW MANUFACTURER'S NAME, TRADEMARK OR LOGO AS IT WILL APPEAR ON THE PRODUCT

SEE BELOW

TYPE OF CONSTRUCTION

FORGED WELDED WROUGHT
 CAST OTHER
 DESCRIBE OTHER: MACHINED BARSTOCK

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

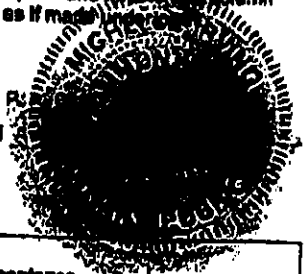
SCORE
TEST REPORTS AND REPRESENTATIVE SKETCHES
DESIGN DRAWINGS



DECLARATION:
 I JOHN FRIEDRICHUS (see note 2) employed by CONCOA 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 INTERTEC 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 Virginia Beach, VA
 This 9th day of April AD 2018
 Commissioner of Oaths or Notary Public: [Signature]

USE THIS SIDE OF OFFICIAL SEAL



(Affix Official seal to the right) # 715528 09/3/MAY/2022
 This space for Regulatory Authority use
 This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: 0H5216.5 REV2
 FID#: 614

ACCEPTED
 PROVINCE OF PRINCE EDWARD ISLAND
 COMMUNITIES, LAND & ENVIRONMENT
 C.R.N. 0H5216.59 REV2
 DATE: June 22 2018
[Signature]
 INSPECTION SERVICES SECTION
 BOILER/PRESSURE VESSEL BRANCH

- 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 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: CONTROLS CORPORATION OF AMERICA
 MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA
 PLANT LOCATIONS: (SAME)

- 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 Class 2 Class 3 . (Meeting AECB or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION

PROOF TEST
= 4 x MAX
DESIGN PRESSURE

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

SEE BELOW

TYPE OF CONSTRUCTION

FORGED WELDED WROUGHT
 CAST OTHER
 DESCRIBE OTHER: MACHINED BAR STOCK

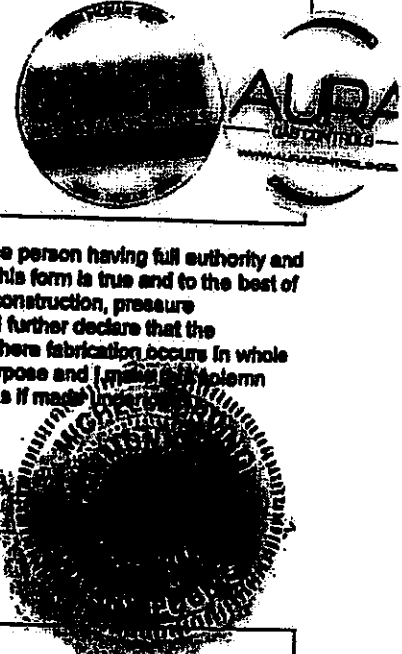
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

SCORE
TEST REPORTS AND REPRESENTATIVE SKETCHES
DESIGN DRAWINGS

DECLARATION:
 I JOHN FRIEDRICH (and wife if employed by CONCOR) 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 INTERTEK 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 Virginia Beach, VA
 This 4th day of April AD 2018
 Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) #701528 EX 3 MAY 2022

This space for Regulatory Authority use

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

CRN: 0H5216.5 REV2
 FID#: 614

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.

BOILER & PRESSURE VESSEL
 NOVA SCOTIA
 Date: June 22/18
 C.R.N. 0H5216.5BREV2
 DWG: as described
 Signed: Yvonne Perry
1 of 1
 Part
 ACT & REGULATIONS

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: CONTROLS CORPORATION OF AMERICA
 MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA
 PLANT LOCATIONS: (SAME)

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 Class 2 Class 3 , (Meeting AEGB or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION
PROOF TEST = 4 x MAX DESIGN PRESSURE

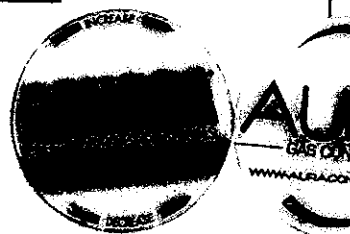
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

SEE BELOW

TYPE OF CONSTRUCTION
 FORGED WELDED WROUGHT
 CAST OTHER
 DESCRIBE OTHER: MACHINED BARSTOCK

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

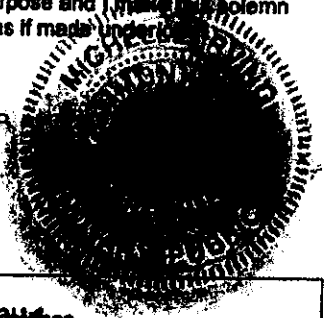
SCORE
TEST REPORTS AND REPRESENTATIVE SKETCHES
DESIGN DRAWINGS



DECLARATION:
 I JOHN FRIEDRICH (see note 3) employed by CONCOR 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 INTERTEK 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 Virginia Beach, VA
 This 9th day of April AD 2018
 Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) # 7015528 EX 31 MAY 2022

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

Brunswick
 DEPT OF PUBLIC SAFETY
 BOILER & PRESSURE VESSEL ACT

REGISTRATION ONLY
 CRN: OH5216.5 REV2
 FID#: 614

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.

EXAMINER: [Signature]
 or
 CHIEF QUALITY INSPECTOR

DATE: 6/22/2018

BLRs PVs
 FITTINGS COMPONENTS

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUMAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: CONTROLS CORPORATION OF AMERICA
 MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA
 PLANT LOCATIONS: (SAME)

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 Class 2 Class 3 (Meeting AECB or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION

PROOF TEST
= 4 x MAX
DESIGN PRESSURE

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

SEE BELOW

TYPE OF CONSTRUCTION

FORGED WELDED WROUGHT
 CAST OTHER
 DESCRIBE OTHER:
MACHINED BAR STOCK

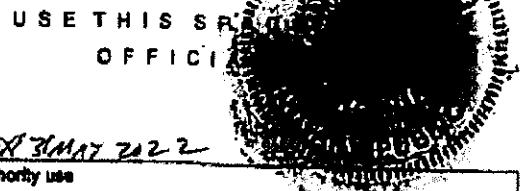
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

SCORE
TEST REPORTS AND REPRESENTATIVE SKETCHES
DESIGN DRAWINGS



DECLARATION:
 I JOHN FRIEDRICH (see note 3) employed by CONCOA 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 W. BARTER 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 Virginia Beach, VA
 This 4th day of April AD 2018
 Commissioner of Oaths or Notary Public: (sign) [Signature]



(Affix Official seal to the right) # 701528 EX 31 MAY 2022

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

CRN: 0H5216.5 REV2
 FID#: 614

Registered 0H5216.50 REV 2
 Date 26 JUNE 2018
 Engineering and Inspection Services
 Registered by [Signature]
 UNDER THE AUTHORITY OF THE
 PUBLIC SAFETY ACT AND
 THE BOILER, PRESSURE VESSEL AND
 COMPRESSED GAS REGULATIONS

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: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
<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 <input checked="" type="checkbox"/> 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 AEGB or ASME requirements)</p>	<p align="center">TITLE OF THE STANDARD OF CONSTRUCTION</p> <p align="center">PROOF TEST = 4 x MAX DESIGN PRESSURE</p>
<p>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</p> <p align="center">SEE BELOW</p>	<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 checked="" type="checkbox"/> DESCRIBE OTHER: MACHINED BARSTOCK</p>
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p>SCORE TEST REPORTS AND REPRESENTATIVE SKETCHES DESIGN DRAWINGS</p>	

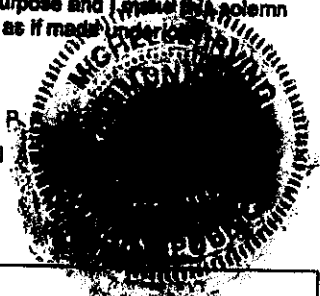


DECLARATION:

I JOHN FRIEDRICH (see note 3) employed by CONCOR 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 INTEAR 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 Virginia Beach, VA
 This 9th day of April AD 2018
 Commissioner of Oaths or Notary Public: [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) # 705528 EX 31 MAY 2022

This space for Regulatory Authority use

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

CRN: 0H5216.5 REV2
 FID#: 614

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: CONTROLS CORPORATION OF AMERICA
 MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA
 PLANT LOCATIONS: (SAME)

CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
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 <input checked="" type="checkbox"/> 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 AECS or ASME requirements)	<u>PROOF TEST</u> <u>= 4 x MAX</u> <u>DESIGN PRESSURE</u>

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION
<u>SEE BELOW</u>	FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER: <u>MACHINED BARSTOCK</u>

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

SCORE
TEST REPORTS AND REPRESENTATIVE SKETCHES
DESIGN DRAWINGS



DECLARATION:
 I, JOHN FRIEDRICH (was made by) employed by CONCOR 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 W. TRATEK 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 Virginia Beach, VA
 This 9th day of April AD 2018
 Commissioner of Oaths or Notary Public: [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) # 201828 093MAY2018

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

CRN: 0H5216.5 REV2
 FID#: 614

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.

Northwest Territories
REGISTERED
 UNDER THE AUTHORITY OF
 THE BOILER AND PRESSURE
 VESSEL ACT.
 C.R.N. 0H5216.5T REV2
 SIGNED [Signature]
 DATE March 22 2018

6500

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>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
<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 <input checked="" type="radio"/> H Pressure retaining components that do not fall into one of the above categories H Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/>. (Meeting AEGB or ASME requirements)</p>	<p align="center">TITLE OF THE STANDARD OF CONSTRUCTION</p> <p align="center"><u>PROOF TEST</u> <u>= 4 x MAX</u> <u>DESIGN PRESSURE</u></p>
<p>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</p> <p align="center"><u>SEE BELOW</u></p>	<p align="center">TYPE OF CONSTRUCTION</p> <p>FORMED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER: <u>MACHINED BARSTOCK</u></p>
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p><u>SCORE</u> <u>TEST REPORTS AND REPRESENTATIVE SKETCHES</u> <u>DESIGN DRAWINGS</u></p>	



DECLARATION:

I JOHN FRIEDRICH (Title: SALES) employed by CONCOR 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 INTERTEK 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 Virginia Beach, VA
 This 9th day of April AD 2018
 Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) # 7015 28 27 MAY 2018

This space for Regulatory Authority Use
 This registration must be revalidated after ten (10) years from the date of registration.

CRN: <u>OH5216.5 REV2</u>	 NUNAVUT Boilers and Pressure Vessels Act REGISTERED
FID#: <u>614</u>	
<p>Note:</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. 	
CRN: <u>OH5216.5N REV2</u>	
Date: <u>June 22, 2018</u>	
Signed: <u>[Signature]</u>	Chief Inspector

Territorial Registration Fee

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

Date: June 26, 2018

Account #: 35231

Journal #: 70974

Attn: TANYA FRANCIS

Re: Application for Design Registration

The design, as detailed in your, TSSA SR# 2324688, for a Fitting is accepted for registration as follows:

Registered To: CONTROLS CORPORATION OF AMERICA **CRN:** 0H5216.51

MDMT: -40 deg F

MAWT: 140 deg F

Drawing #: Burst Tests, Scope Sheets

Conditions Of Registration:

Renewal of Zinc Die Cast, Brass Barstock & Forged Brass Bonnets w/Barstock Casule per SOR shts (3 pgs).

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 June 05, 2028. 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.

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 FOR FITTINGS TYPE H - REV 1

(Temperature Range: -40°F to 140°F)

	Zinc Die Cast Bonnet with Barstock Capsule (thread match to body)	Brass Barstock Bonnet with Barstock Capsule (thread match to body)	Forged Brass Bonnet with Barstock Capsule (thread match to body)
TEST-1 Brass Barstock Body with M20 Capsule Thread Design Inlet Pressure: 4500 psig / Observed Burst Pressure: 25000 psi	TEST-11 CONCOA Regulators using Brass Barstock Body with a Zinc Die Cast Bonnet. M20 Inlet Capsule Thread. 45mm Outlet Bonnet Thread. Design Outlet Pressure: 500 psig / Observed Burst Pressure: 15000 psi (The following series are examples of this construction: 301, 302, 303, 304, 305, 306, 307, 311, 312, 313, 315, 323, 56H, 601, 307D, 4500, 4800, 5200, 56A)	45mm Bonnet TEST-12 CONCOA Regulators using Brass Barstock Body with a Brass Barstock Bonnet. M20 Inlet Capsule Thread. 45mm Outlet Bonnet Thread. Design Outlet Pressure: 500 psig / Observed Burst Pressure: 15000 psi (The following series are examples of this construction: 401, 402, 403, 404, 405, 411, 412, 414, 416, 423, 425, 438, 460, 463, 465, 470, 491, 496, 498, 619, ENLC, EXLC, EXDC, P18, P28, P58, P6C)	N/A
	TEST-14 CONCOA Regulators using Brass Barstock Body with a Zinc Die Cast Bonnet. M20 Inlet Capsule Thread. 65mm Outlet Bonnet Thread. Design Outlet Pressure: 250 psig / Observed Burst Pressure: 15000 psi (The following series are examples of this construction: 109, 202, 203, 205, 206, 212, 213, 483, 485, 603, 605, 655, 6500, 6800, 9900, EXFC, EXFH, P38, P48)	65mm Bonnet N/A	TEST-15 CONCOA Regulators using Brass Barstock Body with a Forged Brass Bonnet. M20 Inlet Capsule Thread. 65mm Outlet Bonnet Thread. Design Outlet Pressure: 250 psig / Observed Burst Pressure: 17000 psi (The following series are examples of this construction: 6600, 6700)
	N/A	1-5/8 16 Bonnet TEST-18 CONCOA Regulators using Brass Barstock Body with a Brass Barstock Bonnet. M20 Inlet Capsule Thread. 1-5/8 16 Outlet Bonnet Thread. Design Outlet Pressure: 6000 psig / Observed Burst Pressure: 29000 psi (The following series are examples of this construction: 492, 530)	N/A
	N/A	2-16 Bonnet TESTS-27, 28 CONCOA Regulators using Brass Barstock Body with a Brass Barstock Bonnet. M20 Inlet Capsule Thread. 2-16 Outlet Bonnet Thread. Design Outlet Pressure: 3000 psig / Observed Burst Pressure: 18000 psi (The following series are examples of this construction: 622, 623, 6200, 676, 676, 8056700)	N/A
	N/A	2-1/16 16 Bonnet TEST-16 CONCOA Regulators using Brass Barstock Body with a Brass Barstock Bonnet. 5/8-24 Inlet Capsule Thread. 2-1/16 16 Outlet Bonnet Thread. Design Outlet Pressure: 250 psig / Observed Burst Pressure: 17000 psi (The following series are examples of this construction: 4400, 5300, 5600, 5700, 8000, 150, 152, 155, 160, 162, 165, 208)	N/A
	TEST-6 Brass Barstock Body with 5/8-24 Capsule Thread Design Inlet Pressure: 6000 psig / Observed Burst Pressure: 28000 psi	N/A	1-5/8 16 Bonnet TEST-18 CONCOA Regulators using Brass Barstock Body with a Brass Barstock Bonnet. 5/8-24 Inlet Capsule Thread. 1-5/8 16 Outlet Bonnet Thread. Design Outlet Pressure: 6000 psig / Observed Burst Pressure: 29000 psi (The following series are examples of this construction: 1400)
TEST-10 Forged Brass Body with M20 Capsule Thread Design Inlet Pressure: 5500 psig / Observed Burst Pressure: 28000 psi	N/A	65mm Bonnet N/A	TEST-25 CONCOA Regulators using Forged Brass Barstock Body with a Forged Brass Bonnet. M20 Inlet Capsule Thread. 65mm Outlet Bonnet Thread. Design Outlet Pressure: 250 psig / Observed Burst Pressure: 17000 psi (The following series are examples of this construction: 455)



CRN #: 045216.51
 Date: June 18, 2018
 BC J#: 70974

PAGE 1 of 2

THIS IS PART OF
 CRN 045216.5R2
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program

6/15/18

SCOPE FOR FITTINGS TYPE H - REV 1

(Temperature Range: -40°F to 140°F)

	Zinc Die Cast Bonnet with Barstock Capsule (thread match to body)	Brass Barstock Bonnet with Barstock Capsule (thread match to body)	316L/304 Stainless Barstock Bonnet with Barstock Capsule (thread match to body)
TEST-9 316L Stainless Barstock Body with M20 Capsule Thread Design Inlet Pressure: 6000 psig / Observed Burst Pressure: 32000 psi	TEST-19	TEST-20	TEST-21
	CONCOA Regulators using 316L Stainless Barstock Body with a Zinc Die Cast Bonnet. M20 Inlet Capsule Thread. 45mm Outlet Bonnet Thread. Design Outlet Pressure: 500 psig / Observed Burst Pressure: 17000 psi (The following series are examples of this construction: 321, 322, 323, 324, 327, 330, 333)	CONCOA Regulators using 316L Stainless Barstock Body with a Brass Barstock Bonnet. M20 Inlet Capsule Thread. 45mm Outlet Bonnet Thread. Design Outlet Pressure: 500 psig / Observed Burst Pressure: 18000 psi (The following series are examples of this construction: 415, 417, 420, 424, 425, 426, 427, 428, 429, 430, 432, 433, 445, 461, 464, 467, 480, 495, 497, 499, , P15, P23, P33, P63)	CONCOA Regulators using 316L Stainless Barstock Body with a Stainless Bonnet. M20 Inlet Capsule Thread. 45mm Outlet Bonnet Thread. Design Outlet Pressure: 500 psig / Observed Burst Pressure: 18000 psi (The following series are examples of this construction: EX1G, EX1S, EX1P, EX2G, EX2S, EX2P, EX3G, EX3S, EX3P)
	TEST-22	65mm Bonnet	TEST-23
	CONCOA Regulators using 316L Stainless Barstock Body with a Zinc Die Cast Bonnet. M20 Inlet Capsule Thread. 65mm Outlet Bonnet Thread. Design Outlet Pressure: 250 psig / Observed Burst Pressure: 17000 psi (The following series are examples of this construction: 484, 486, P35, P45)	N/A	CONCOA Regulators using 316L Stainless Barstock Body with a Stainless Bonnet. M20 Inlet Capsule Thread. 65mm Outlet Bonnet Thread. Design Outlet Pressure: 250 psig / Observed Burst Pressure: 17000 psi (The following series are examples of this construction: EXF5, EXF6)
	N/A	1-5/8 16 Bonnet	TEST-24
	N/A	N/A	CONCOA Regulators using 316L Stainless Barstock Body with a Stainless Bonnet. M20 Inlet Capsule Thread. 1-5/8 16 Outlet Bonnet Thread. Design Outlet Pressure: 6000 psig / Observed Burst Pressure: 29000 psi (The following series are examples of this construction: 493, 547)
	N/A	2-16 Bonnet	TEST-32
N/A	N/A	CONCOA Regulators using 316L Stainless Barstock Body with a Stainless Bonnet. M20 Inlet Capsule Thread. 2-16 Outlet Bonnet Thread. Design Outlet Pressure: 3000 psig / Observed Burst Pressure: 18000 psi (The following series are examples of this construction: 675, 677)	

Stainless Barstock Transducers
TEST-34
CONCOA Intrinsically Safe Transducers. Design Pressure: 6000 psig / Observed Burst Pressure: 32000 psi (The following parts are examples of this construction: 8309150-22, etc.)
TEST-35
CONCOA Transducers. Design Pressure: 6000 psig / Observed Burst Pressure: 40000 psi (The following series are examples of this construction: 8309150-23, etc.)



CRN #: 0H5216.51
 Date: June 18, 2018
 BC J#: 70974

THIS IS PART OF
 CRN 0H 5216.5R2

Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program

6/15/18 z.c.

BURST TEST RESULTS SUMMARY - REV 1

Test No	Test Description	Geometry Drawing	Stretch	Body	Bonnet	Seat Flange	Other Material	Max Rated Pressure (PSI)	Burst Pressure (PSI)	Inlet or Outlet	Safety Factor	Temperature Rating
1	Brass Barstock Body with A220 Capsule Thread Inlet Pressure Test	3	1	UNS C36000 - Brass Barstock per ASTM B-16	n/a	UNS C36000 - Brass Barstock per ASTM B-16	n/a	4500	25000	Inlet	5.56	-40°F to 140°F
6	Brass Barstock Body with 5/8-24 Capsule Thread Inlet Pressure Test	1	7	UNS C36000 - Brass Barstock per ASTM B-16	n/a	UNS C36000 - Brass Barstock per ASTM B-16	n/a	6000	18000	Inlet	4.67	-40°F to 140°F
9	Stainless Barstock Body with A220 Capsule Thread Inlet Pressure Test	3	30	UNS S31603 - 316L Stainless Barstock per ASTM A276	UNS S20880 - 303 Stainless Barstock per ASTM A-582	UNS S31603 - 316L Stainless Barstock per ASTM A276	n/a	6000	37000	Inlet	5.33	-40°F to 140°F
10	Brass Forged Body with A220 Capsule Thread Inlet Pressure Test	2	6	UNS C27700 - Forged Brass Barstock per ASTM B-124	n/a	UNS C36000 - Brass Barstock per ASTM B-16	n/a	3900	26000	Inlet	4.71	-40°F to 140°F
11	Brass Barstock Body with 45mm Zinc Die Cast Bonnet Outlet Pressure Test	5	3	UNS C36000 - Brass Barstock per ASTM B-16	UNS Z29010 - Zinc Die Cast per ASTM B-86	n/a	n/a	500	15000	Outlet	30	-40°F to 140°F
12	Brass Barstock Body with 45mm Brass Barstock Bonnet Outlet Pressure Test	7	2	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	300	15000	Outlet	30	-40°F to 140°F
14	Brass Barstock Body with 45mm Zinc Die Cast Bonnet Outlet Pressure Test	4	4	UNS C36000 - Brass Barstock per ASTM B-16	UNS Z29010 - Zinc Die Cast per ASTM B-86	n/a	n/a	250	15000	Outlet	60	-40°F to 140°F
15	Brass Barstock Body with 45mm Brass Forged Bonnet Outlet Pressure Test	6	5	UNS C36000 - Brass Barstock per ASTM B-16	UNS C27700 - Forged Brass Barstock per ASTM B-124	n/a	n/a	250	17000	Outlet	60	-40°F to 140°F
16	Brass Barstock Body with 1 1/8-16 Brass Barstock Bonnet Outlet Pressure Test	10	7	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	250	17000	Outlet	64	-40°F to 140°F
18	Brass Barstock Body with 45mm Brass Barstock Bonnet Outlet Pressure Test	8	3	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	6000	29000	Outlet	4.83	-40°F to 140°F
19	Stainless Barstock Body with 45mm Zinc Die Cast Bonnet Outlet Pressure Test	5	10	UNS S31603 - 316L Stainless Barstock per ASTM A276	UNS Z29010 - Zinc Die Cast per ASTM B-86	n/a	n/a	500	17000	Outlet	34	-40°F to 140°F
20	Stainless Barstock Body with 45mm Brass Barstock Bonnet Outlet Pressure Test	7	11	UNS S31603 - 316L Stainless Barstock per ASTM A276	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	500	18000	Outlet	36	-40°F to 140°F
21	Stainless Barstock Body with 45mm Stainless Barstock Bonnet Outlet Pressure Test	7	12	UNS S31603 - 316L Stainless Barstock per ASTM A276	UNS S31603 - 316L Stainless Barstock per ASTM A276	n/a	n/a	500	18000	Outlet	36	-40°F to 140°F
22	Stainless Barstock Body with 45mm Zinc Die Cast Bonnet Outlet Pressure Test	4	13	UNS S31603 - 316L Stainless Barstock per ASTM A276	UNS Z29010 - Zinc Die Cast per ASTM B-86	n/a	n/a	250	17000	Outlet	62	-40°F to 140°F
23	Stainless Barstock Body with 45mm Stainless Barstock Bonnet Outlet Pressure Test	11	16	UNS S31603 - 316L Stainless Barstock per ASTM A276	UNS S31603 - 316L Stainless Barstock per ASTM A276	n/a	n/a	250	17000	Outlet	68	-40°F to 140°F
24	Stainless Barstock Body with 1 1/8-16 Stainless Barstock Bonnet Outlet Pressure Test	8	14	UNS S31603 - 316L Stainless Barstock per ASTM A276	UNS S31603 - 316L Stainless Barstock per ASTM A276	n/a	n/a	6000	29000	Outlet	4.83	-40°F to 140°F
25	Brass Forged Body with 45mm Brass Forged Bonnet Outlet Pressure Test	6	6	UNS C27700 - Forged Brass Barstock per ASTM B-124	UNS C27700 - Forged Brass Barstock per ASTM B-124	n/a	n/a	250	17000	Outlet	66	-40°F to 140°F
27	Brass Barstock Body with 2-16 Brass Barstock Bonnet Outlet Pressure Test	9	15	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	3000	18000	Outlet	6	-40°F to 140°F
28	Brass Barstock Body with 2-16 Brass Barstock Bonnet Outlet Pressure Test	9	15	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	3000	18000	Outlet	6	-40°F to 140°F
32	Stainless Barstock Body with 2-16 Stainless Barstock Bonnet Outlet Pressure Test	9	17	UNS S31603 - 316L Stainless Barstock per ASTM A276	UNS S31603 - 316L Stainless Barstock per ASTM A276	n/a	n/a	3000	18000	Outlet	6	-40°F to 140°F
31	Proximal Sealsize Cross 3/4" NPT	n/a	19	n/a	n/a	n/a	UNS C36000 - Brass Barstock per ASTM B-16	5500	26000	Inlet/Outlet	4.72	-40°F to 140°F
34	Intrinsically Safe Transducer	n/a	19	n/a	n/a	n/a	UNS S17400 - 17-4 Stainless Steel per ASTM A-693	6000	32000	Inlet	5.33	-40°F to 140°F
35	Transducer	n/a	20	n/a	n/a	n/a	UNS S17400 - 17-4 Stainless Steel per ASTM A-693	6000	40000	Inlet	6.67	-40°F to 140°F
36	Valve	n/a	21	n/a	n/a	n/a	UNS C36000 - Brass Barstock per ASTM B-16	3000	15000	Inlet	5	-40°F to 140°F
37	Pneumatic Shut-down Valve	n/a	23	UNS S31603 - 316L Stainless Barstock per ASTM A276	UNS S20880 - 303 Stainless Barstock per ASTM A-582	n/a	UNS A98011 - 5051 Aluminum per ASTM B-211	3500	21000	Inlet/Outlet	6	-40°F to 140°F
38	Pneumatic Shut-down Valve	n/a	23	UNS S31603 - 316L Stainless Barstock per ASTM A276	UNS S20880 - 303 Stainless Barstock per ASTM A-582	n/a	UNS A98011 - 5051 Aluminum per ASTM B-211	3500	21000	Pneumatic Inlet	6	-40°F to 140°F
39	Diaphragm Valve	n/a	23	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	3500	21000	Inlet/Outlet	6	-40°F to 140°F
40	Diaphragm Valve	n/a	24	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	3500	23000	Inlet/Outlet	6.57	-40°F to 140°F
41	Bubbler Reducer	n/a	25	n/a	n/a	n/a	UNS C36000 - Brass Barstock per ASTM B-16	4500	29000	Inlet/Outlet	5.54	-40°F to 140°F
42	Tea	n/a	26	n/a	n/a	n/a	UNS C36000 - Brass Barstock per ASTM B-16	3000	21000	Inlet/Outlet	7	-40°F to 140°F
43	Tea	n/a	27	n/a	n/a	n/a	UNS S31603 - 316L Stainless Barstock per ASTM A276	3000	20000	Inlet/Outlet	6.67	-40°F to 140°F
44	Proximal Sealsize Cross 3/4" NPT	n/a	28	n/a	n/a	n/a	UNS S31603 - 316L Stainless Barstock per ASTM A276	6000	33000	Inlet/Outlet	5.53	-40°F to 140°F

Z.C.

Z.C.



CRN #: 045216.51
 Date: June 18, 2018
 BC J#: 70974

THIS IS PART OF
 CRN 045216.5R2
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program

Z.C. 6/15/18



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

November 12, 2018

JOHN FRIEDRICHS
CONTROLS CORPORATION OF AMERICA
1501 HARPERS RD
VIRGINIA BEACH VA 23454
US

Service Request Type.: BPV-National CSA
Service Request No.: 2324698
Your Reference No.:
Registered to.: CONTROLS CORPORATION OF AMERICA

Dear JOHN FRIEDRICHS,

Please find enclosed the original response from QC,SK, registered under the CRN No.: CSA-0H5216.56R2.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you.
For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Tanya Francis
Administrative Assistant_ BPV Engineering
Tel. : 416-734-3423
Fax : 416-231-6183
Email : tfrancis@tssa.org

Statutory Declaration Registration of Fittings

REGISTERED
CSA-0HS216.S6 R2
Registration Process administered by
CSA Group per CSA B51

(a) Design Qualification

I¹ John Friedrichs
Supervisor of Design Engineering
(Position eg, president, plant manager, chief eng.)

Of Controls Corporation of America
(name of company)

Located at 1501 Harpers Road, Virginia Beach, VA 23454
(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 4x max pressure burst test 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, and has been verified by the following authority or authorized agency Intertek Services Corporation

The fittings² covered by this declaration, for which I seek registration, are Category A fittings

In support of the application, the following information, calculations and/or test data are attached:
Scope, Test Reports and Representative Sketches, Design Drawings

Declared before me at Virginia Beach

In the of VA of Virginia

The 4th Day of April AD 2018

Michelle Tronoff
A (commissioner for oaths)

[Signature]
Signature of Declarer³

2015528 31MAY2022

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. Jun .05 . 2028

Registered Number CRN CSA-0HS216.S6 R2

For the Chief Inspector CSA A. BANWATT
Date Aug .08 . 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 plant where the fitting is produced.**

¹Note:
1. See attachment as the scope of registration.
2. Renewal registration without construction material, design specification or pressure rating change.
3. Technical review performed in the previous registration.



REGISTERED



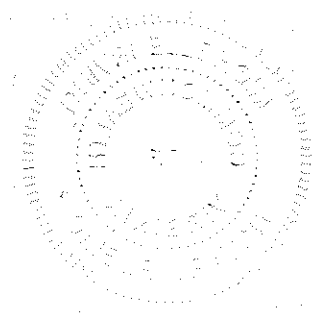
CRN: *CSA-071016.56R2*

Registration Process administered by
CSA Group per CSA B51

Technical Review performed per CSA B51
Performed by: ANRIC Enterprises Inc.

Signed: *ASB Watt*

Date: *8 Aug 2018*

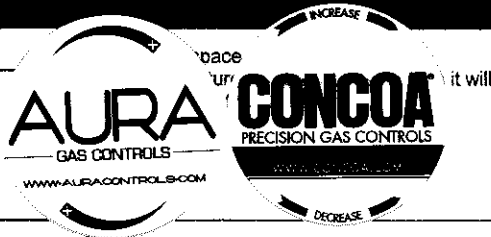


Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, John Friedrichs
Supervisor of Design Engineering
(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: Controls Corporation of America
(name of manufacturer)

located at: 1501 Harpers Road Virginia Beach, VA 23454
(Plant Address - Apt/Street) (City, Prov) (Postal Code)

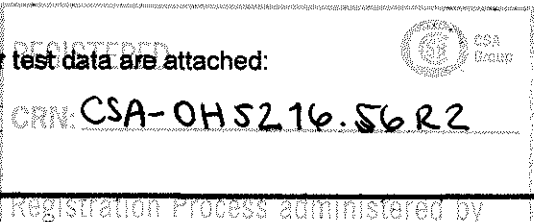
do solemnly declare that the fittings listed hereinunder, which are subject to the **Saskatchewan Boiler and Pressure Vessel Safety Act** (check one)

- Comply with the requirements of _____ 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 Proofs 4x Design Pressure 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, Intertek Services Corporation 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 ISO 9001 (Category H)

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

See Attached



II. Declaration

DECLARED before me at Virginia Beach In the STATE of Virginia
this 17th day of April, 2018
Michelle Eaving (Signature)
Michelle Eaving (print name)
(Signature of Commissioner of Oaths) # 7015526 EXP 31 MAY 2022

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-0H5216.56R2 Aug. 08.2018 Jun. 05.2028
(Registration Number) (Date Registered - MM DD YYYY) (Expiry Date - MM DD YYYY)


(For the Administrator / Chief Inspector) A. BANWATT

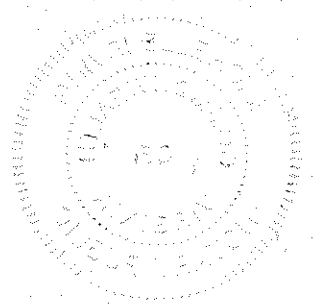
*Note:

1. See attachment as the scope of registration.
2. Renewal registration without construction material, design specification or pressure rating change.
3. Technical review performed in the previous registration.



Technical Review performed per CSA B51
Performed by: ANRIC Enterprises Inc.
[Signature]
Signed:
Date: 8 Aug 2018

REGISTERED 
CRN: CSA-0H 5216.76R2
Registration Process administered by
CSA Group per CSA B51





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 05, 2018

JOHN FRIEDRICHS
CONTROLS CORPORATION OF AMERICA
1501 HARPERS RD
VIRGINIA BEACH VA 23454
US

Service Request Type: BPV-Fitting Registration
Service Request No.: 2285236
Your Reference No.:
Registered to: CONTROLS CORPORATION OF AMERICA

Dear JOHN FRIEDRICHS,

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

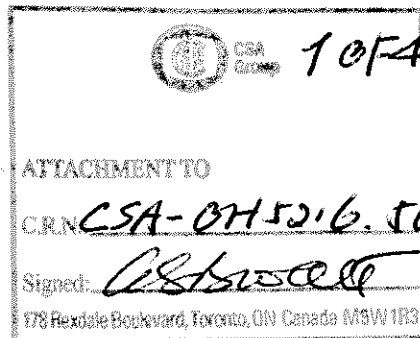
CRN No.: **0H5216.5R2**
Main Design No.: **SEE SCOPE -FITTINGS TYPE H-REV 1**
Expiry Date: **05-Jun-2028**

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,

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




BURST TEST RESULTS SUMMARY - REV 1

Test No	Test Description	Geometry Drawing	Sketch	Body	Bonnet	Seat Nozzle	Other Material	Max Rated Pressure (PSI)	Burst Pressure (PSI)	Inlet or Outlet	Safety Factor	Temperature Rating
1	Brass Barstock Body with 1/20 Cupure Thread Inlet Pressure Test	3	1	UNS C36000 - Brass Barstock per ASTM B-16	n/a	UNS C36000 - Brass Barstock per ASTM B-16	n/a	4500	25000	Inlet	5.56	-40F to 140F
6	Brass Barstock Body with 5/8-24 Cupure Thread Inlet Pressure Test	1	7	UNS C36000 - Brass Barstock per ASTM B-16	n/a	UNS C36000 - Brass Barstock per ASTM B-16	n/a	6000	28000	Inlet	4.67	-40F to 140F
9	Stainless Barstock Body with M/D Cupure Thread Inlet Pressure Test	3	10	UNS S31603 - 316L Stainless Barstock per ASTM A-276	UNS S30800 - 308 Stainless Barstock per ASTM A-582	UNS S31603 - 316L Stainless Barstock per ASTM A-276	n/a	6000	32000	Inlet	5.33	-40F to 140F
10	Brass Forged Body with 1/20 Cupure Thread Inlet Pressure Test	2	6	UNS C37700 - Forged Brass Barstock per ASTM B-124	n/a	UNS C36000 - Brass Barstock per ASTM B-16	n/a	5000	26000	Outlet	4.73	-40F to 140F
11	Brass Barstock Body with 45mm Zinc Die Cast Bonnet Outlet Pressure Test	5	1	UNS C36000 - Brass Barstock per ASTM B-16	UNS Z10300 - Zinc Die Cast per ASTM B-36	n/a	n/a	500	15000	Outlet	30	-40F to 140F
12	Brass Barstock Body with 45mm Brass Barstock Bonnet Outlet Pressure Test	7	2	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	500	15000	Outlet	30	-40F to 140F
14	Brass Barstock Body with 45mm Zinc Die Cast Bonnet Outlet Pressure Test	4	4	UNS C36000 - Brass Barstock per ASTM B-16	UNS Z10300 - Zinc Die Cast per ASTM B-36	n/a	n/a	500	15000	Outlet	30	-40F to 140F
15	Brass Barstock Body with 65mm Brass Forged Bonnet Outlet Pressure Test	6	5	UNS C36000 - Brass Barstock per ASTM B-16	UNS C27700 - Forged Brass Barstock per ASTM B-124	n/a	n/a	250	17000	Outlet	68	-40F to 140F
16	Brass Barstock Body with 2-1/16 16 Brass Barstock Bonnet Outlet Pressure Test	10	7	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	250	17000	Outlet	68	-40F to 140F
18	Brass Barstock Body with 1-5/8 16 Brass Barstock Bonnet Outlet Pressure Test	6	9	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	6000	29000	Outlet	4.83	-40F to 140F
19	Stainless Barstock Body with 45mm Zinc Die Cast Bonnet Outlet Pressure Test	5	10	UNS S31603 - 316L Stainless Barstock per ASTM A-276	UNS Z10300 - Zinc Die Cast per ASTM B-36	n/a	n/a	500	17000	Outlet	34	-40F to 140F
20	Stainless Barstock Body with 45mm Brass Barstock Bonnet Outlet Pressure Test	7	11	UNS S31603 - 316L Stainless Barstock per ASTM A-276	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	500	18000	Outlet	36	-40F to 140F
21	Stainless Barstock Body with 45mm Stainless Barstock Bonnet Outlet Pressure Test	7	17	UNS S31603 - 316L Stainless Barstock per ASTM A-276	UNS S31603 - 316L Stainless Barstock per ASTM A-276	n/a	n/a	500	18000	Outlet	36	-40F to 140F
22	Stainless Barstock Body with 65mm Zinc Die Cast Bonnet Outlet Pressure Test	4	13	UNS S31603 - 316L Stainless Barstock per ASTM A-276	UNS Z10300 - Zinc Die Cast per ASTM B-36	n/a	n/a	250	17000	Outlet	68	-40F to 140F
23	Stainless Barstock Body with 65mm Stainless Barstock Bonnet Outlet Pressure Test	11	16	UNS S31603 - 316L Stainless Barstock per ASTM A-276	UNS S31603 - 316L Stainless Barstock per ASTM A-276	n/a	n/a	250	17000	Outlet	68	-40F to 140F
24	Stainless Barstock Body with 1-5/8 16 Stainless Barstock Bonnet Outlet Pressure Test	8	14	UNS S31603 - 316L Stainless Barstock per ASTM A-276	UNS S31603 - 316L Stainless Barstock per ASTM A-276	n/a	n/a	6000	29000	Outlet	4.83	-40F to 140F
25	Brass Forged Body with 65mm Brass Forged Bonnet Outlet Pressure Test	6	5	UNS C37700 - Forged Brass Barstock per ASTM B-124	UNS C37700 - Forged Brass Barstock per ASTM B-124	n/a	n/a	250	17000	Outlet	68	-40F to 140F
27	Brass Barstock Body with 2-1/16 Brass Barstock Bonnet Outlet Pressure Test	9	15	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	3000	18000	Outlet	6	-40F to 140F
28	Brass Barstock Body with 2-1/16 Brass Barstock Bonnet Dome Pressure Test	9	15	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	3000	18000	Dome	6	-40F to 140F
32	Stainless Barstock Body with 2-1/16 Stainless Barstock Bonnet Outlet Pressure Test	9	17	UNS S31603 - 316L Stainless Barstock per ASTM A-276	UNS S31603 - 316L Stainless Barstock per ASTM A-276	n/a	n/a	3000	18000	Outlet	6	-40F to 140F
33	Protocal Station Cross 1/4" NPT	n/a	18	n/a	n/a	n/a	UNS C36000 - Brass Barstock per ASTM B-16	2500	26000	Inlet/Outlet	4.73	-40F to 140F
34	Intrinsic Safe Transducer	n/a	18	n/a	n/a	n/a	UNS S31603 - 316L Stainless Steel per ASTM A-276	6000	32000	Inlet	5.33	-40F to 140F
35	Transducer	n/a	30	n/a	n/a	n/a	UNS S31603 - 316L Stainless Steel per ASTM A-276	6000	40000	Inlet	6.67	-40F to 140F
36	Tea	n/a	21	n/a	n/a	n/a	UNS C36000 - Brass Barstock per ASTM B-16	3000	15000	Inlet	5	-40F to 140F
37	Pneumatic Shutdown Valve	n/a	22	UNS S31603 - 316L Stainless Barstock per ASTM A-276	UNS S30800 - 308 Stainless Barstock per ASTM A-582	n/a	UNS A92001 - 6061 Aluminum per ASTM B-211	3500	21000	Inlet/Outlet	6	-40F to 140F
38	Pneumatic Shutdown Valve	n/a	22	UNS S31603 - 316L Stainless Barstock per ASTM A-276	UNS S30800 - 308 Stainless Barstock per ASTM A-582	n/a	UNS A92001 - 6061 Aluminum per ASTM B-211	3500	21000	Inlet/Outlet	6	-40F to 140F
39	Diaphragm Valve	n/a	23	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	UNS A92001 - 6061 Aluminum per ASTM B-211	3500	21000	Inlet/Outlet	6	-40F to 140F
40	Diaphragm Valve	n/a	24	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	3500	21000	Inlet/Outlet	6	-40F to 140F
41	Bulldhead Reducer	n/a	25	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	3500	23000	Inlet/Outlet	6.67	-40F to 140F
42	Tea	n/a	26	n/a	n/a	n/a	UNS C36000 - Brass Barstock per ASTM B-16	3500	25000	Inlet/Outlet	5.56	-40F to 140F
43	Tea	n/a	27	n/a	n/a	n/a	UNS C36000 - Brass Barstock per ASTM B-16	3000	21000	Inlet/Outlet	7	-40F to 140F
44	Protocal Station Cross 1/4" NPT	n/a	28	n/a	n/a	n/a	UNS S31603 - 316L Stainless Barstock per ASTM A-276	3000	26000	Inlet/Outlet	6.67	-40F to 140F
							UNS S31603 - 316L Stainless Barstock per ASTM A-276	6000	32000	Inlet/Outlet	5.33	-40F to 140F

2.C

2.C



 ATTACHMENT TO
 CRN CSA-OH 5216.5R2
 Signed: [Signature]
 178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

THIS IS PART OF
 CRN OH 5216.5R2
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program

2.C 6/15/10

SCOPE FOR FITTINGS TYPE H - REV 1

(Temperature Range: -40°F to 140°F)

	Zinc Die Cast Bonnet with Barstock Capsule (thread match to body)	Brass Barstock Bonnet with Barstock Capsule (thread match to body)	Forged Brass Bonnet with Barstock Capsule (thread match to body)
TEST-1 Brass Barstock Body with M20 Capsule Thread Design Inlet Pressure: 4500 psig / Observed Burst Pressure: 25000 psi	TEST-11 CONCOA Regulators using Brass Barstock Body with a Zinc Die Cast Bonnet. M20 Inlet Capsule Thread. 45mm Outlet Bonnet Thread. Design Outlet Pressure: 500 psig / Observed Burst Pressure: 15000 psi (The following series are examples of this construction: 301, 302, 303, 304, 305, 306, 307, 311, 312, 313, 315, 325, 561, 601, 3070, 4500, 4800, 5200, 56A)	TEST-12 CONCOA Regulators using Brass Barstock Body with a Brass Barstock Bonnet. M20 Inlet Capsule Thread. 45mm Outlet Bonnet Thread. Design Outlet Pressure: 500 psig / Observed Burst Pressure: 15000 psi (The following series are examples of this construction: 401, 402, 403, 404, 405, 411, 412, 414, 416, 423, 434, 438, 460, 463, 465, 470, 491, 496, 498, 619, EX1C, EX2C, EXDC, F18, P28, P28, REC)	N/A
	45mm Bonnet		
	TEST-14 CONCOA Regulators using Brass Barstock Body with a Zinc Die Cast Bonnet. M20 Inlet Capsule Thread. 65mm Outlet Bonnet Thread. Design Outlet Pressure: 250 psig / Observed Burst Pressure: 15000 psi (The following series are examples of this construction: 103, 202, 203, 205, 206, 212, 213, 483, 485, 603, 605, 655, 6500, 6800, 9000, EXFC, EXFN, P39, P48)	N/A	TEST-15 CONCOA Regulators using Brass Barstock Body with a Forged Brass Bonnet. M20 Inlet Capsule Thread. 65mm Outlet Bonnet Thread. Design Outlet Pressure: 250 psig / Observed Burst Pressure: 17000 psi (The following series are examples of this construction: 6600, 6700)
	65mm Bonnet		
	N/A	TEST-18 CONCOA Regulators using Brass Barstock Body with a Brass Barstock Bonnet. M20 Inlet Capsule Thread. 1-5/8 16 Outlet Bonnet Thread. Design Outlet Pressure: 6000 psig / Observed Burst Pressure: 29000 psi (The following series are examples of this construction: 492, 530)	N/A
	1-5/8 16 Bonnet		
N/A	TESTS-27, 28 CONCOA Regulators using Brass Barstock Body with a Brass Barstock Bonnet. M20 Inlet Capsule Thread. 2-16 Outlet Bonnet Thread. Design Outlet Pressure: 3000 psig / Observed Burst Pressure: 18000 psi (The following series are examples of this construction: 622, 623, 6200, 678, 676, 30567XX)	N/A	
2-16 Bonnet			
TEST-6 Brass Barstock Body with 5/8-24 Capsule Thread Design Inlet Pressure: 6000 psig / Observed Burst Pressure: 28000 psi	N/A	TEST-16 CONCOA Regulators using Brass Barstock Body with a Brass Barstock Bonnet. 5/8-24 Inlet Capsule Thread. 2-1/16 16 Outlet Bonnet Thread. Design Outlet Pressure: 250 psig / Observed Burst Pressure: 17000 psi (The following series are examples of this construction: 4400, 5500, 5600, 5700, 8000, 150, 152, 155, 160, 162, 166, 303)	N/A
	2-1/16 16 Bonnet		
	N/A	TEST-18 CONCOA Regulators using Brass Barstock Body with a Brass Barstock Bonnet. 5/8-24 Inlet Capsule Thread. 1-5/8 16 Outlet Bonnet Thread. Design Outlet Pressure: 6000 psig / Observed Burst Pressure: 29000 psi (The following series are examples of this construction: 1400)	N/A
1-5/8 16 Bonnet			
TEST-10 Forged Brass Body with M20 Capsule Thread Design Inlet Pressure: 5500 psig / Observed Burst Pressure: 26000 psi	65mm Bonnet		TEST-25 CONCOA Regulators using Forged Brass Barstock Body with a Forged Brass Bonnet. M20 Inlet Capsule Thread. 65mm Outlet Bonnet Thread. Design Outlet Pressure: 250 psig / Observed Burst Pressure: 17000 psi (The following series are examples of this construction: 455)
	N/A		



ATTACHMENT TO
 C.R.N. CSA-045216.5R2 of 2
 Signed: [Signature]
 178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

THIS IS PART OF
 CRN 045216.5R2
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program


6/15/13

SCOPE FOR FITTINGS TYPE H - REV 1

(Temperature Range: -40°F to 140°F)

	Zinc Die Cast Bonnet with Barstock Capsule (thread match to body)	Brass Barstock Bonnet with Barstock Capsule (thread match to body)	316L/304 Stainless Barstock Bonnet with Barstock Capsule (thread match to body)
TEST-9 316L Stainless Barstock Body with M20 Capsule Thread Design Inlet Pressure: 6000 psig / Observed Burst Pressure: 32000 psi	TEST-19 CONCOA Regulators using 316L Stainless Barstock Body with a Zinc Die Cast Bonnet. M20 Inlet Capsule Thread. 45mm Outlet Bonnet Thread. Design Outlet Pressure: 500 psig / Observed Burst Pressure: 17000 psi (The following series are examples of this construction: 331, 322, 323, 324, 327, 332, 333)	45mm Bonnet TEST-20 CONCOA Regulators using 316L Stainless Barstock Body with a Brass Barstock Bonnet. M20 Inlet Capsule Thread. 45mm Outlet Bonnet Thread. Design Outlet Pressure: 500 psig / Observed Burst Pressure: 18000 psi (The following series are examples of this construction: 415, 417, 420, 424, 425, 426, 427, 428, 429, 430, 432, 433, 445, 462, 464, 467, 480, 495, 497, 499, . P15, P25, P55, P65)	TEST-21 CONCOA Regulators using 316L Stainless Barstock Body with a Stainless Bonnet. M20 Inlet Capsule Thread. 45mm Outlet Bonnet Thread. Design Outlet Pressure: 500 psig / Observed Burst Pressure: 18000 psi (The following series are examples of this construction: EX1G, EX1S, EX1P, EX2G, EX2S, EXBG, EXBS, EXDS, EXVS)
	TEST-22 CONCOA Regulators using 316L Stainless Barstock Body with a Zinc Die Cast Bonnet. M20 Inlet Capsule Thread. 65mm Outlet Bonnet Thread. Design Outlet Pressure: 250 psig / Observed Burst Pressure: 17000 psi (The following series are examples of this construction: 484, 496, P55, P45)	65mm Bonnet N/A	TEST-23 CONCOA Regulators using 316L Stainless Barstock Body with a Stainless Bonnet. M20 Inlet Capsule Thread. 65mm Outlet Bonnet Thread. Design Outlet Pressure: 250 psig / Observed Burst Pressure: 17000 psi (The following series are examples of this construction: EXFS, EXFG)
	N/A	1-5/8 16 Bonnet N/A	TEST-24 CONCOA Regulators using 316L Stainless Barstock Body with a Stainless Bonnet. M20 Inlet Capsule Thread. 1-5/8 16 Outlet Bonnet Thread. Design Outlet Pressure: 6000 psig / Observed Burst Pressure: 28000 psi (The following series are examples of this construction: 493, 547)
	N/A	2-16 Bonnet N/A	TEST-32 CONCOA Regulators using 316L Stainless Barstock Body with a Stainless Bonnet. M20 Inlet Capsule Thread. 2-16 Outlet Bonnet Thread. Design Outlet Pressure: 3000 psig / Observed Burst Pressure: 18000 psi (The following series are examples of this construction: 675, 677)

Stainless Barstock Transducers TEST-34 CONCOA Intrinsically Safe Transducers. Design Pressure: 6000 psig / Observed Burst Pressure: 32000 psi (The following parts are examples of this construction: 8309150-22, etc.)
TEST-35 CONCOA Transducers. Design Pressure: 6000 psig / Observed Burst Pressure: 40000 psi (The following series are examples of this construction: 8309150-33, etc.)



40FA

ATTACHMENT TO
 C.R.N. CSA-015216.5R2
 Signed: [Signature]
 178 Rexdale Boulevard Toronto, ON Canada M9W 1R3

THIS IS PART OF
 CRN 015216.5R2

Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program

6/5/18 Z.C.



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

October 12, 2018

JOHN FRIEDRICHS
CONTROLS CORPORATION OF AMERICA
1501 HARPERS RD
VIRGINIA BEACH VA 23454
US

Service Request Type.: BPV-National MB
Service Request No.: 2324840
Your Reference No.:
Registered to.: CONTROLS CORPORATION OF AMERICA

Dear JOHN FRIEDRICHS,

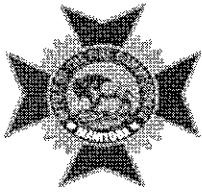
Please find enclosed the original response from MB, registered under the CRN No.: 0H5216.54.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you.
For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Tanya Francis
Administrative Assistant_ BPV Engineering
Tel. : 416-734-3423
Fax : 416-231-6183
Email : tfrancis@tssa.org



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

September 25, 2018

TSSA
345 Carlingview Drive
Toronto, ON
M9W 6N9

Attn: Joanna Karpinski

REGISTRATION OF VALVES AND FITTINGS

Manufacturer: Controls Corporation of America

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
See Attached "Scope for Fittings Type H - Rev. 1"	0H5216.54	39058

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*
- *See attached stamped "this is part of CRN" for scope of registration.*
- *This registration expires **June 5, 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.

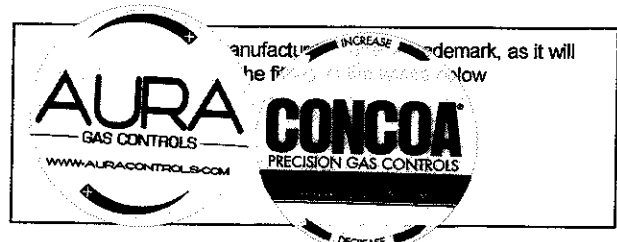
The registration of this design does not relieve the manufacturer, the owner or his agent of the responsibility for the design or construction of a fitting in accordance with the applicable Acts, Codes and Standards. Inspection and Technical Services assumes no responsibility by registering designs,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

Yours truly,

Rabie Harb, P. Eng.
Engineer
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



STATUTORY DECLARATION

Registration of Fittings

I, MICHAEL SIMS, MECHANICAL DESIGN ENGINEER

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

of CONCOA

(Name of Manufacturer)

Located at 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454

(Plant Address)

757 422 8330

(Telephone No.)

757 422 3125

(Fax No.)

do solemnly declare that the fittings listed hereunder, which are subject to the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, comply with all of the requirements of

(Title of recognized North American Standard)

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;

or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with ProofPressure=4xMaxDesignPress 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 which has been verified by the following authority, Intertek Services Corporation

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

SCOPE, TEST REPORTS AND REPRESENTATIVE SKETCHES, & DESIGN DRAWING

(drawings, calculations, test reports, etc.)

Declared before me at Virginia Beach in the STATE of Virginia

the 4th day of April AD 2018.

Commissioner for Oaths:

Michelle Turing
(Printed name)

[Signature]
(Signature) #7015526 EXP 31 MAY 2022

Michael Sims

(Signature of Declarer)

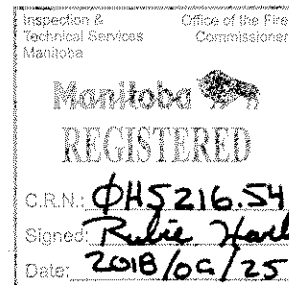
FOR OFFICE USE ONLY

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: ΦH5216.54

Registered by: RABIE HARB

Dated: 2018/09/25



NOTE: This registration expires on: JUNE 5, 2028

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



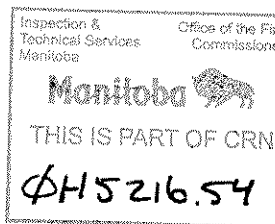
Colleen Anne Ratcliff,
a Commissioner, etc., City of Toronto, for the
Technical Standards & Safety Authority.
Expires July 24, 2019.

[Faint, illegible handwritten text]

SCOPE FOR FITTINGS TYPE H - REV 1

(Temperature Range: -40°F to 140°F)

	Zinc Die Cast Bonnet with Barstock Capsule (thread match to body)	Brass Barstock Bonnet with Barstock Capsule (thread match to body)	Forged Brass Bonnet with Barstock Capsule (thread match to body)
TEST-1 Brass Barstock Body with M20 Capsule Thread <i>Design Inlet Pressure: 4500 psig / Observed Burst Pressure: 25000 psi</i>	TEST-11 CONCOA Regulators using Brass Barstock Body with a Zinc Die Cast Bonnet. M20 Inlet Capsule Thread. 45mm Outlet Bonnet Thread. <i>Design Outlet Pressure: 500 psig / Observed Burst Pressure: 15000 psi</i> (The following series are examples of this construction: 301, 302, 303, 304, 305, 306, 307, 311, 312, 313, 315, 325, 56H, 601, 3070, 4500, 4900, 5200, 56A)	TEST-12 CONCOA Regulators using Brass Barstock Body with a Brass Barstock Bonnet. M20 Inlet Capsule Thread. 45mm Outlet Bonnet Thread. <i>Design Outlet Pressure: 500 psig / Observed Burst Pressure: 15000 psi</i> (The following series are examples of this construction: 401, 402, 403, 404, 405, 411, 412, 414, 416, 423, 435, 438, 460, 463, 465, 470, 491, 496, 498, 619, EX1C, EX2C, EXDC, P1B, P2B, P5B, P6C)	N/A
	TEST-14 CONCOA Regulators using Brass Barstock Body with a Zinc Die Cast Bonnet. M20 Inlet Capsule Thread. 65mm Outlet Bonnet Thread. <i>Design Outlet Pressure: 250 psig / Observed Burst Pressure: 15000 psi</i> (The following series are examples of this construction: 109, 202, 203, 205, 206, 212, 213, 483, 485, 603, 605, 655, 6500, 6800, 9900, EXFC, EXFN, P3B, P4B)	N/A	TEST-15 CONCOA Regulators using Brass Barstock Body with a Forged Brass Bonnet. M20 Inlet Capsule Thread. 65mm Outlet Bonnet Thread. <i>Design Outlet Pressure: 250 psig / Observed Burst Pressure: 17000 psi</i> (The following series are examples of this construction: 6600, 6700)
	N/A	TEST-18 CONCOA Regulators using Brass Barstock Body with a Brass Barstock Bonnet. M20 Inlet Capsule Thread. 1-5/8 16 Outlet Bonnet Thread. <i>Design Outlet Pressure: 6000 psig / Observed Burst Pressure: 29000 psi</i> (The following series are examples of this construction: 492, 530)	N/A
	N/A	TESTS-27, 28 CONCOA Regulators using Brass Barstock Body with a Brass Barstock Bonnet. M20 Inlet Capsule Thread. 2-16 Outlet Bonnet Thread. <i>Design Outlet Pressure: 3000 psig / Observed Burst Pressure: 18000 psi</i> (The following series are examples of this construction: 622, 623, 6200, 67B, 676, 80567XX)	N/A
	N/A	TEST-16 CONCOA Regulators using Brass Barstock Body with a Brass Barstock Bonnet. 5/8-24 Inlet Capsule Thread. 2-1/16 16 Outlet Bonnet Thread. <i>Design Outlet Pressure: 250 psig / Observed Burst Pressure: 17000 psi</i> (The following series are examples of this construction: 4400, 5500, 5600, 5700, 8000, 150, 152, 155, 160, 162, 165, 30B)	N/A
TEST-6 Brass Barstock Body with 5/8-24 Capsule Thread <i>Design Inlet Pressure: 6000 psig / Observed Burst Pressure: 28000 psi</i>	N/A	TEST-18 CONCOA Regulators using Brass Barstock Body with a Brass Barstock Bonnet. 5/8-24 Inlet Capsule Thread. 1-5/8 16 Outlet Bonnet Thread. <i>Design Outlet Pressure: 6000 psig / Observed Burst Pressure: 29000 psi</i> (The following series are examples of this construction: 1400)	N/A
	N/A	TEST-25 CONCOA Regulators using Forged Brass Barstock Body with a Forged Brass Bonnet. M20 Inlet Capsule Thread. 65mm Outlet Bonnet Thread. <i>Design Outlet Pressure: 250 psig / Observed Burst Pressure: 17000 psi</i> (The following series are examples of this construction: 455)	
TEST-10 Forged Brass Body with M20 Capsule Thread <i>Design Inlet Pressure: 5500 psig / Observed Burst Pressure: 26000 psi</i>	N/A	N/A	N/A
	N/A	N/A	N/A



SCOPE FOR FITTINGS TYPE H - REV 1

(Temperature Range: -40°F to 140°F)

	Zinc Die Cast Bonnet with Barstock Capsule (thread match to body)	Brass Barstock Bonnet with Barstock Capsule (thread match to body)	316L/304 Stainless Barstock Bonnet with Barstock Capsule (thread match to body)
TEST-9 316L Stainless Barstock Body with M20 Capsule Thread <i>Design Inlet Pressure: 6000 psig / Observed Burst Pressure: 32000 psi</i>	45mm Bonnet		
	TEST-19	TEST-20	TEST-21
	CONCOA Regulators using 316L Stainless Barstock Body with a Zinc Die Cast Bonnet. M20 Inlet Capsule Thread. 45mm Outlet Bonnet Thread. <i>Design Outlet Pressure: 500 psig / Observed Burst Pressure: 17000 psi</i> (The following series are examples of this construction: 321, 322, 323, 324, 327, 332, 333)	CONCOA Regulators using 316L Stainless Barstock Body with a Brass Barstock Bonnet. M20 Inlet Capsule Thread. 45mm Outlet Bonnet Thread. <i>Design Outlet Pressure: 500 psig / Observed Burst Pressure: 18000 psi</i> (The following series are examples of this construction: 415, 417, 420, 424, 425, 426, 427, 428, 429, 430, 432, 433, 445, 462, 464, 467, 480, 495, 497, 499, , P15, P25, P55, P65)	CONCOA Regulators using 316L Stainless Barstock Body with a Stainless Bonnet. M20 Inlet Capsule Thread. 45mm Outlet Bonnet Thread. <i>Design Outlet Pressure: 500 psig / Observed Burst Pressure: 18000 psi</i> (The following series are examples of this construction: EX1G, EX15, EX1P, EX2G, EX25, EX8G, EX85, EXDS, EXV5)
	65mm Bonnet		
	TEST-22	N/A	TEST-23
	CONCOA Regulators using 316L Stainless Barstock Body with a Zinc Die Cast Bonnet. M20 Inlet Capsule Thread. 65mm Outlet Bonnet Thread. <i>Design Outlet Pressure: 250 psig / Observed Burst Pressure: 17000 psi</i> (The following series are examples of this construction: 484, 486, P35, P45)		CONCOA Regulators using 316L Stainless Barstock Body with a Stainless Bonnet. M20 Inlet Capsule Thread. 65mm Outlet Bonnet Thread. <i>Design Outlet Pressure: 250 psig / Observed Burst Pressure: 17000 psi</i> (The following series are examples of this construction: EXFS, EXFG)
	N/A	N/A	TEST-24
1-5/8 16 Bonnet			
N/A	N/A	CONCOA Regulators using 316L Stainless Barstock Body with a Stainless Bonnet. M20 Inlet Capsule Thread. 1-5/8 16 Outlet Bonnet Thread. <i>Design Outlet Pressure: 6000 psig / Observed Burst Pressure: 29000 psi</i> (The following series are examples of this construction: 493, 547)	
2-16 Bonnet			
N/A	N/A	TEST-32	
		CONCOA Regulators using 316L Stainless Barstock Body with a Stainless Bonnet. M20 Inlet Capsule Thread. 2-16 Outlet Bonnet Thread. <i>Design Outlet Pressure: 3000 psig / Observed Burst Pressure: 18000 psi</i> (The following series are examples of this construction: 675, 677)	

Stainless Barstock Transducers
TEST-34
CONCOA Intrinsically Safe Transducers. <i>Design Pressure: 6000 psig / Observed Burst Pressure: 32000 psi</i> (The following parts are examples of this construction: 8309150-22, etc.)
TEST-35
CONCOA Transducers. <i>Design Pressure: 6000 psig / Observed Burst Pressure: 40000 psi</i> (The following series are examples of this construction: 8309150-23, etc.)



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

November 12, 2018

JOHN FRIEDRICHS
CONTROLS CORPORATION OF AMERICA
1501 HARPERS RD
VIRGINIA BEACH VA 23454
US

Service Request Type.: BPV-National CSA
Service Request No.: 2324698
Your Reference No.:
Registered to.: CONTROLS CORPORATION OF AMERICA

Dear JOHN FRIEDRICHS,

Please find enclosed the original response from QC,SK, registered under the CRN No.: CSA-0H5216.56R2.

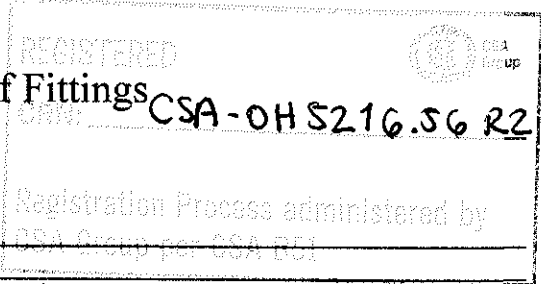
As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you.
For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Tanya Francis
Administrative Assistant_ BPV Engineering
Tel. : 416-734-3423
Fax : 416-231-6183
Email : tfrancis@tssa.org

Statutory Declaration Registration of Fittings



(a) Design Qualification

I¹ John Friedrichs
Supervisor of Design Engineering
(Position eg, president, plant manager, chief eng.)

Of Controls Corporation of America
(name of company)

Located at 1501 Harpers Road, Virginia Beach, VA 23454
(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 4x max pressure burst test 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, and has been verified by the following authority or authorized agency Intertek Services Corporation

The fittings² covered by this declaration, for which I seek registration, are Category A fittings

In support of the application, the following information, calculations and/or test data are attached:
Scope, Test Reports and Representative Sketches, Design Drawings

Declared before me at Virginia Beach

In the of VA of Virginia

The 4th Day of April AD 2018

Michelle Tronoff
A (commissioner for oaths)

[Signature]
Signature of Declarer³

2015528 31MAY2022

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. Jun .05 . 2028

Registered Number CRN CSA-OHS216.S6 R2

For the Chief Inspector CSA A. BANWATT
Date Aug .08 . 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 plant where the fitting is produced.**

¹Note:
1. See attachment as the scope of registration.
2. Renewal registration without construction material, design specification or pressure rating change.
3. Technical review performed in the previous registration.



REGISTERED



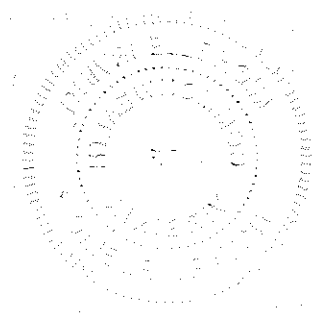
CRN: *CSA-071016.56R2*

Registration Process administered by
CSA Group per CSA B51

Technical Review performed per CSA B51
Performed by: ANRIC Enterprises Inc.

Signed: *ASB Watt*

Date: *8 Aug 2018*

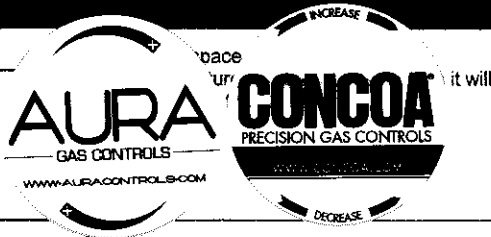


Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, John Friedrichs
Supervisor of Design Engineering
(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: Controls Corporation of America
(name of manufacturer)

located at: 1501 Harpers Road Virginia Beach, VA 23454
(Plant Address - Apt/Street) (City, Prov) (Postal Code)

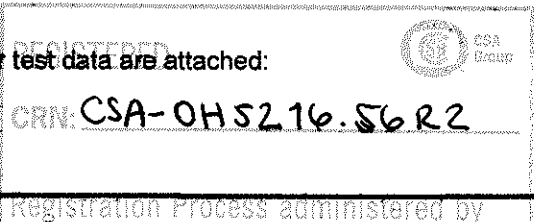
do solemnly declare that the fittings listed hereinunder, which are subject to the **Saskatchewan Boiler and Pressure Vessel Safety Act** (check one)

- Comply with the requirements of _____ 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 Proofs 4x Design Pressure 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, Intertek Services Corporation 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 ISO 9001 (Category H)

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

See Attached



II. Declaration

DECLARED before me at Virginia Beach In the STATE of Virginia
this 4th day of April, 2018
Michael Earing (Signature)
Michael Earing (Signature)
(Signature of Commissioner of Oaths) # 7015526 EXP 31 MAY 2022

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-0H5216.56R2 Aug. 08.2018 Jun. 05.2028
(Registration Number) (Date Registered - MM DD YYYY) (Expiry Date - MM DD YYYY)


(For the Administrator / CSA Group) A. BANWATT
(Signature of Chief Inspector)

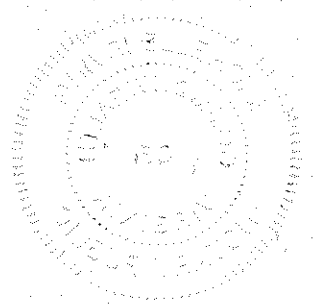
Note:

1. See attachment as the scope of registration.
2. Renewal registration without construction material, design specification or pressure rating change.
3. Technical review performed in the previous registration.



Technical Review performed per CSA B51
Performed by: ANRIC Enterprises Inc.
[Signature]
Signed:
Date: 8 Aug 2018

REGISTERED 
CRN: CSA-0115216.76R2
Registration Process administered by
CSA Group per CSA B51





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 05, 2018

JOHN FRIEDRICHS
CONTROLS CORPORATION OF AMERICA
1501 HARPERS RD
VIRGINIA BEACH VA 23454
US

Service Request Type: BPV-Fitting Registration
Service Request No.: 2285236
Your Reference No.:
Registered to: CONTROLS CORPORATION OF AMERICA

Dear JOHN FRIEDRICHS,

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

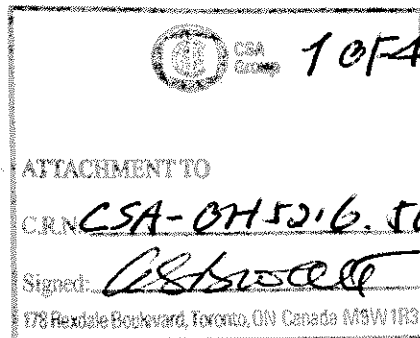
CRN No.: **0H5216.5R2**
Main Design No.: **SEE SCOPE -FITTINGS TYPE H-REV 1**
Expiry Date: **05-Jun-2028**

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,

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




BURST TEST RESULTS SUMMARY - REV 1

Test No	Test Description	Geometry Drawing	Sketch	Body	Bonnet	Seat No/Size	Other Material	Max Rated Pressure (PSI)	Burst Pressure (PSI)	Inlet or Outlet	Safety Factor	Temperature Rating
1	Brass Barstock Body with 1/20 Cupure Thread Inlet Pressure Test	3	1	UNS C36000 - Brass Barstock per ASTM B-16	n/a	UNS C36000 - Brass Barstock per ASTM B-16	n/a	4500	25000	Inlet	5.56	-40F to 140F
6	Brass Barstock Body with 5/8-24 Cupure Thread Inlet Pressure Test	1	7	UNS C36000 - Brass Barstock per ASTM B-16	n/a	UNS C36000 - Brass Barstock per ASTM B-16	n/a	6000	28000	Inlet	4.67	-40F to 140F
9	Stainless Barstock Body with M/D Cupure Thread Inlet Pressure Test	3	10	UNS S31603 - 316L Stainless Barstock per ASTM A-276	UNS S30800 - 308 Stainless Barstock per ASTM A-582	UNS S31603 - 316L Stainless Barstock per ASTM A-276	n/a	6000	32000	Inlet	5.33	-40F to 140F
10	Brass Forged Body with 1/20 Cupure Thread Inlet Pressure Test	2	6	UNS C37700 - Forged Brass Barstock per ASTM B-124	n/a	UNS C36000 - Brass Barstock per ASTM B-16	n/a	5000	26000	Inlet	4.73	-40F to 140F
11	Brass Barstock Body with 45mm Zinc Die Cast Bonnet Outlet Pressure Test	5	1	UNS C36000 - Brass Barstock per ASTM B-16	UNS Z10300 - Zinc Die Cast per ASTM B-86	n/a	n/a	500	15000	Outlet	30	-40F to 140F
12	Brass Barstock Body with 45mm Brass Barstock Bonnet Outlet Pressure Test	7	2	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	500	15000	Outlet	30	-40F to 140F
14	Brass Barstock Body with 45mm Zinc Die Cast Bonnet Outlet Pressure Test	4	4	UNS C36000 - Brass Barstock per ASTM B-16	UNS Z10300 - Zinc Die Cast per ASTM B-86	n/a	n/a	500	15000	Outlet	30	-40F to 140F
15	Brass Barstock Body with 65mm Brass Forged Bonnet Outlet Pressure Test	6	5	UNS C36000 - Brass Barstock per ASTM B-16	UNS C27700 - Forged Brass Barstock per ASTM B-124	n/a	n/a	250	17000	Outlet	68	-40F to 140F
16	Brass Barstock Body with 2-1/16 16 Brass Barstock Bonnet Outlet Pressure Test	10	7	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	250	17000	Outlet	68	-40F to 140F
18	Brass Barstock Body with 1-5/8 16 Brass Barstock Bonnet Outlet Pressure Test	6	9	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	6000	29000	Outlet	4.83	-40F to 140F
19	Stainless Barstock Body with 45mm Zinc Die Cast Bonnet Outlet Pressure Test	5	10	UNS S31603 - 316L Stainless Barstock per ASTM A-276	UNS Z10300 - Zinc Die Cast per ASTM B-86	n/a	n/a	500	17000	Outlet	34	-40F to 140F
20	Stainless Barstock Body with 45mm Brass Barstock Bonnet Outlet Pressure Test	7	11	UNS S31603 - 316L Stainless Barstock per ASTM A-276	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	500	18000	Outlet	36	-40F to 140F
21	Stainless Barstock Body with 45mm Stainless Barstock Bonnet Outlet Pressure Test	7	17	UNS S31603 - 316L Stainless Barstock per ASTM A-276	UNS S31603 - 316L Stainless Barstock per ASTM A-276	n/a	n/a	500	18000	Outlet	36	-40F to 140F
22	Stainless Barstock Body with 65mm Zinc Die Cast Bonnet Outlet Pressure Test	4	13	UNS S31603 - 316L Stainless Barstock per ASTM A-276	UNS Z10300 - Zinc Die Cast per ASTM B-86	n/a	n/a	250	17000	Outlet	68	-40F to 140F
23	Stainless Barstock Body with 65mm Stainless Barstock Bonnet Outlet Pressure Test	11	16	UNS S31603 - 316L Stainless Barstock per ASTM A-276	UNS S31603 - 316L Stainless Barstock per ASTM A-276	n/a	n/a	250	17000	Outlet	68	-40F to 140F
24	Stainless Barstock Body with 1-5/8 16 Stainless Barstock Bonnet Outlet Pressure Test	8	14	UNS S31603 - 316L Stainless Barstock per ASTM A-276	UNS S31603 - 316L Stainless Barstock per ASTM A-276	n/a	n/a	6000	29000	Outlet	4.83	-40F to 140F
25	Brass Forged Body with 65mm Brass Forged Bonnet Outlet Pressure Test	6	5	UNS C37700 - Forged Brass Barstock per ASTM B-124	UNS C37700 - Forged Brass Barstock per ASTM B-124	n/a	n/a	250	17000	Outlet	68	-40F to 140F
27	Brass Barstock Body with 2-1/16 Brass Barstock Bonnet Outlet Pressure Test	9	15	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	3000	18000	Outlet	6	-40F to 140F
28	Brass Barstock Body with 2-1/16 Brass Barstock Bonnet Dome Pressure Test	9	15	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	3000	18000	Dome	6	-40F to 140F
32	Stainless Barstock Body with 2-1/16 Stainless Barstock Bonnet Outlet Pressure Test	9	17	UNS S31603 - 316L Stainless Barstock per ASTM A-276	UNS S31603 - 316L Stainless Barstock per ASTM A-276	n/a	n/a	3000	18000	Outlet	6	-40F to 140F
33	Protocal Station Cross 1/4" NPT	n/a	18	n/a	n/a	n/a	UNS C36000 - Brass Barstock per ASTM B-16	2500	26000	Inlet/Outlet	4.73	-40F to 140F
34	Intrinsically Safe Transducer	n/a	18	n/a	n/a	n/a	UNS S31603 - 316L Stainless Steel per ASTM A-276	6000	32000	Inlet	5.33	-40F to 140F
35	Transducer	n/a	30	n/a	n/a	n/a	UNS S31603 - 316L Stainless Steel per ASTM A-276	6000	40000	Inlet	6.67	-40F to 140F
36	Tea	n/a	21	n/a	n/a	n/a	UNS C36000 - Brass Barstock per ASTM B-16	15000	15000	Inlet	1	-40F to 140F
37	Pneumatic Shutdown Valve	n/a	72	UNS S31603 - 316L Stainless Barstock per ASTM A-276	UNS S30800 - 308 Stainless Barstock per ASTM A-582	n/a	UNS A92001 - 6061 Aluminum per ASTM B-211	3500	21000	Inlet/Outlet	6	-40F to 140F
38	Pneumatic Shutdown Valve	n/a	72	UNS S31603 - 316L Stainless Barstock per ASTM A-276	UNS S30800 - 308 Stainless Barstock per ASTM A-582	n/a	UNS A92001 - 6061 Aluminum per ASTM B-211	3500	21000	Inlet/Outlet	6	-40F to 140F
39	Diaphragm Valve	n/a	23	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	UNS A92001 - 6061 Aluminum per ASTM B-211	125	900	Pneumatic Input	7.2	-40F to 140F
40	Diaphragm Valve	n/a	24	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	3000	21000	Inlet/Outlet	6	-40F to 140F
41	Bulldhead Reducer	n/a	25	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	3500	23000	Inlet/Outlet	6.57	-40F to 140F
42	Tea	n/a	26	n/a	n/a	n/a	UNS C36000 - Brass Barstock per ASTM B-16	3500	25000	Inlet/Outlet	5.56	-40F to 140F
43	Tea	n/a	27	n/a	n/a	n/a	UNS C36000 - Brass Barstock per ASTM B-16	3000	21000	Inlet/Outlet	7	-40F to 140F
44	Protocal Station Cross 1/4" NPT	n/a	28	n/a	n/a	n/a	UNS S31603 - 316L Stainless Barstock per ASTM A-276	3000	26000	Inlet/Outlet	6.67	-40F to 140F
							UNS S31603 - 316L Stainless Barstock per ASTM A-276	6000	32000	Inlet/Outlet	5.33	-40F to 140F

2.C

2.C




 ATTACHMENT TO
 CRN CSA-OH 5216.5R2
 Signed: [Signature]
 178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

THIS IS PART OF
 CRN OH 5216.5R2
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program

2.C 6/15/10

SCOPE FOR FITTINGS TYPE H - REV 1

(Temperature Range: -40°F to 140°F)

	Zinc Die Cast Bonnet with Barstock Capsule (thread match to body)	Brass Barstock Bonnet with Barstock Capsule (thread match to body)	Forged Brass Bonnet with Barstock Capsule (thread match to body)
TEST-1 Brass Barstock Body with M20 Capsule Thread Design Inlet Pressure: 4500 psig / Observed Burst Pressure: 25000 psi	TEST-11 CONCOA Regulators using Brass Barstock Body with a Zinc Die Cast Bonnet. M20 Inlet Capsule Thread. 45mm Outlet Bonnet Thread. Design Outlet Pressure: 500 psig / Observed Burst Pressure: 15000 psi (The following series are examples of this construction: 301, 302, 303, 304, 305, 306, 307, 311, 312, 313, 315, 325, 561, 601, 3070, 4500, 4800, 5200, 56A)	TEST-12 CONCOA Regulators using Brass Barstock Body with a Brass Barstock Bonnet. M20 Inlet Capsule Thread. 45mm Outlet Bonnet Thread. Design Outlet Pressure: 500 psig / Observed Burst Pressure: 15000 psi (The following series are examples of this construction: 401, 402, 403, 404, 405, 411, 412, 414, 416, 423, 434, 438, 460, 463, 465, 470, 491, 496, 498, 619, EX1C, EX2C, EXDC, F18, P28, P28, REC)	N/A
	45mm Bonnet		
	TEST-14 CONCOA Regulators using Brass Barstock Body with a Zinc Die Cast Bonnet. M20 Inlet Capsule Thread. 65mm Outlet Bonnet Thread. Design Outlet Pressure: 250 psig / Observed Burst Pressure: 15000 psi (The following series are examples of this construction: 103, 202, 203, 205, 206, 212, 213, 483, 485, 603, 605, 655, 6500, 6800, 9000, EXFC, EXFN, P39, P48)	N/A	TEST-15 CONCOA Regulators using Brass Barstock Body with a Forged Brass Bonnet. M20 Inlet Capsule Thread. 65mm Outlet Bonnet Thread. Design Outlet Pressure: 250 psig / Observed Burst Pressure: 17000 psi (The following series are examples of this construction: 6600, 6700)
	65mm Bonnet		
	N/A	TEST-18 CONCOA Regulators using Brass Barstock Body with a Brass Barstock Bonnet. M20 Inlet Capsule Thread. 1-5/8 16 Outlet Bonnet Thread. Design Outlet Pressure: 6000 psig / Observed Burst Pressure: 29000 psi (The following series are examples of this construction: 492, 530)	N/A
	N/A	TESTS-27, 28 CONCOA Regulators using Brass Barstock Body with a Brass Barstock Bonnet. M20 Inlet Capsule Thread. 2-16 Outlet Bonnet Thread. Design Outlet Pressure: 3000 psig / Observed Burst Pressure: 18000 psi (The following series are examples of this construction: 622, 623, 6200, 678, 676, 30567XX)	N/A
TEST-6 Brass Barstock Body with 5/8-24 Capsule Thread Design Inlet Pressure: 6000 psig / Observed Burst Pressure: 28000 psi	N/A	TEST-16 CONCOA Regulators using Brass Barstock Body with a Brass Barstock Bonnet. 5/8-24 Inlet Capsule Thread. 2-1/16 16 Outlet Bonnet Thread. Design Outlet Pressure: 250 psig / Observed Burst Pressure: 17000 psi (The following series are examples of this construction: 4400, 5500, 5600, 5700, 8000, 150, 152, 155, 160, 162, 166, 303)	N/A
	2-1/16 16 Bonnet		
	N/A	TEST-18 CONCOA Regulators using Brass Barstock Body with a Brass Barstock Bonnet. 5/8-24 Inlet Capsule Thread. 1-5/8 16 Outlet Bonnet Thread. Design Outlet Pressure: 6000 psig / Observed Burst Pressure: 29000 psi (The following series are examples of this construction: 1400)	N/A
1-5/8 16 Bonnet			
TEST-10 Forged Brass Body with M20 Capsule Thread Design Inlet Pressure: 5500 psig / Observed Burst Pressure: 26000 psi	65mm Bonnet		TEST-25 CONCOA Regulators using Forged Brass Barstock Body with a Forged Brass Bonnet. M20 Inlet Capsule Thread. 65mm Outlet Bonnet Thread. Design Outlet Pressure: 250 psig / Observed Burst Pressure: 17000 psi (The following series are examples of this construction: 455)
			N/A

ATTACHMENT TO

C.R.N. CSA-045216.5R2 of 2

Signed: [Signature]
 178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

THIS IS PART OF
 CRN 045216.5R2
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program


6/15/13

SCOPE FOR FITTINGS TYPE H - REV 1

(Temperature Range: -40°F to 140°F)

	Zinc Die Cast Bonnet with Barstock Capsule (thread match to body)	Brass Barstock Bonnet with Barstock Capsule (thread match to body)	316L/304 Stainless Barstock Bonnet with Barstock Capsule (thread match to body)
TEST-9 316L Stainless Barstock Body with M20 Capsule Thread <i>Design Inlet Pressure: 6000 psig / Observed Burst Pressure: 32000 psi</i>	TEST-19 CONCOA Regulators using 316L Stainless Barstock Body with a Zinc Die Cast Bonnet. M20 Inlet Capsule Thread. 45mm Outlet Bonnet Thread. <i>Design Outlet Pressure: 500 psig / Observed Burst Pressure: 17000 psi</i> (The following series are examples of this construction: 331, 322, 323, 324, 327, 332, 333)	45mm Bonnet TEST-20 CONCOA Regulators using 316L Stainless Barstock Body with a Brass Barstock Bonnet. M20 Inlet Capsule Thread. 45mm Outlet Bonnet Thread. <i>Design Outlet Pressure: 500 psig / Observed Burst Pressure: 18000 psi</i> (The following series are examples of this construction: 415, 417, 420, 424, 425, 426, 427, 428, 429, 430, 432, 433, 445, 462, 464, 467, 480, 495, 497, 499, . P15, P25, P55, P65)	TEST-21 CONCOA Regulators using 316L Stainless Barstock Body with a Stainless Bonnet. M20 Inlet Capsule Thread. 45mm Outlet Bonnet Thread. <i>Design Outlet Pressure: 500 psig / Observed Burst Pressure: 18000 psi</i> (The following series are examples of this construction: EX1G, EX1S, EX1P, EX2G, EX2S, EXBG, EXBS, EXDS, EXVS)
	TEST-22 CONCOA Regulators using 316L Stainless Barstock Body with a Zinc Die Cast Bonnet. M20 Inlet Capsule Thread. 65mm Outlet Bonnet Thread. <i>Design Outlet Pressure: 250 psig / Observed Burst Pressure: 17000 psi</i> (The following series are examples of this construction: 481, 496, P55, P45)	65mm Bonnet N/A	TEST-23 CONCOA Regulators using 316L Stainless Barstock Body with a Stainless Bonnet. M20 Inlet Capsule Thread. 65mm Outlet Bonnet Thread. <i>Design Outlet Pressure: 250 psig / Observed Burst Pressure: 17000 psi</i> (The following series are examples of this construction: EXFS, EXFG)
	N/A	1-5/8 16 Bonnet N/A	TEST-24 CONCOA Regulators using 316L Stainless Barstock Body with a Stainless Bonnet. M20 Inlet Capsule Thread. 1-5/8 16 Outlet Bonnet Thread. <i>Design Outlet Pressure: 6000 psig / Observed Burst Pressure: 28000 psi</i> (The following series are examples of this construction: 493, 547)
	N/A	2-16 Bonnet N/A	TEST-32 CONCOA Regulators using 316L Stainless Barstock Body with a Stainless Bonnet. M20 Inlet Capsule Thread. 2-16 Outlet Bonnet Thread. <i>Design Outlet Pressure: 3000 psig / Observed Burst Pressure: 18000 psi</i> (The following series are examples of this construction: 675, 677)

Stainless Barstock Transducers TEST-34 CONCOA Intrinsically Safe Transducers. <i>Design Pressure: 6000 psig / Observed Burst Pressure: 32000 psi</i> (The following parts are examples of this construction: 8309150-22, etc.)
TEST-35 CONCOA Transducers. <i>Design Pressure: 6000 psig / Observed Burst Pressure: 40000 psi</i> (The following series are examples of this construction: 8309150-33, etc.)



40FA

ATTACHMENT TO
 C.R.N. CSA-015216.5R2
 Signed: [Signature]
 178 Rexdale Boulevard Toronto, ON Canada M9W 1R3

THIS IS PART OF

CRN 015216.5R2

Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program

6/5/18 Z.C.



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

August 13, 2018

JOHN FRIEDRICHS
CONTROLS CORPORATION OF AMERICA
1501 HARPERS RD
VIRGINIA BEACH VA 23454
US

Service Request Type.: BPV-National ACI Central
Service Request No.: 2324676
Your Reference No.:
Registered to.: CONTROLS CORPORATION OF AMERICA

Dear JOHN FRIEDRICHS,

Please find enclosed the original response from PEI,NS,NB,NFLD,YK,NWT,NU, registered under the CRN No.: 0H5216.59870YTNR2.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you. For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Tanya Francis
Administrative Assistant_ BPV Engineering
Tel.: 416-734-3423
Fax: 416-231-6183
Email: tfrancis@tssa.org

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURER'S NAME: CONTROLS CORPORATION OF AMERICA
 MANUFACTURER'S ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA
 PLANT LOCATION: (SAME)

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 fuel gas
 H Pressure retaining components that do not fall into one of the above categories
 N Nuclear components: Class 1 Class 2 Class 3 (Meeting AECB or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION

PROOF TEST
= 4 x MAX
DESIGN PRESSURE

SHOW MANUFACTURER'S NAME, TRADEMARK OR LOGO AS IT WILL APPEAR ON THE PRODUCT

SEE BELOW

TYPE OF CONSTRUCTION

FORGED WELDED WROUGHT
 CAST OTHER
 DESCRIBE OTHER: MACHINED BARSTOCK

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

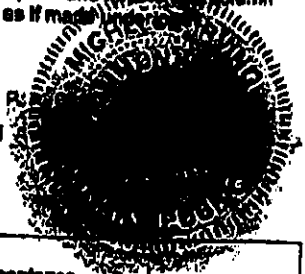
SCORE
TEST REPORTS AND REPRESENTATIVE SKETCHES
DESIGN DRAWINGS



DECLARATION:
 I JOHN FRIEDRICHUS (see note 2) employed by CONCOA 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 INTERTEC 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 Virginia Beach, VA
 This 9th day of April AD 2018
 Commissioner of Oaths or Notary Public: [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) # 715528 09/3/MAY/2022
 This space for Regulatory Authority use
 This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: 0H5216.5 REV2
 FID#: 614

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. 0H5216.59 REV2
 DATE: June 22 2018
[Signature]
 INSPECTION SERVICES SECTION
 BOILER/PRESSURE VESSEL BRANCH

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: CONTROLS CORPORATION OF AMERICA
MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA
PLANT LOCATIONS: (SAME)

- 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 Class 2 Class 3 . (Meeting AECB or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION
PROOF TEST
= 4 x MAX
DESIGN PRESSURE

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT
SEE BELOW

TYPE OF CONSTRUCTION
FORGED WELDED WROUGHT
CAST OTHER
DESCRIBE OTHER: MACHINED BAR STOCK

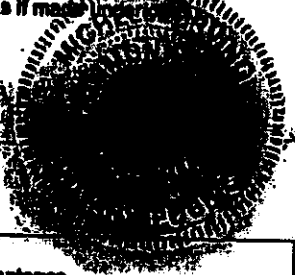
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:
SCORE
TEST REPORTS AND REPRESENTATIVE SKETCHES
DESIGN DRAWINGS



DECLARATION:
I JOHN FRIEDRICH (and wife if employed by CONCOB) 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 INTERTEK 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 Virginia Beach, VA
This 4th day of April AD 2018
Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) #701528 EX 3 MAY 2022

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

CRN: 0H5216.5 REV2
FID#: 614

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.

BOILER & PRESSURE VESSEL
NOVA SCOTIA
Date: June 22/18
C.R.N. 0H5216.5AREVA
Dwg: as described
Signed: Yvonne Perry
1 of 1
Part
ACT & REGULATIONS

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: CONTROLS CORPORATION OF AMERICA
 MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA
 PLANT LOCATIONS: (SAME)

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 Class 2 Class 3 , (Meeting AECP or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION

PROOF TEST
= 4 x MAX
DESIGN PRESSURE

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

SEE BELOW

TYPE OF CONSTRUCTION
 FORGED WELDED WROUGHT
 CAST OTHER
 DESCRIBE OTHER: MACHINED BARSTOCK

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

SCORE
TEST REPORTS AND REPRESENTATIVE SKETCHES
DESIGN DRAWINGS

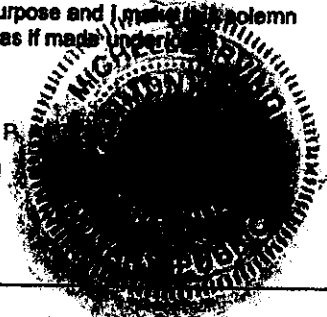


DECLARATION:

I JOHN FRIEDRICH (see note 3) employed by CONCOR 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 INTERTEK 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 Virginia Beach, VA
 This 9th day of April AD 2018
 Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) # 7015528 EX 31 MAY 2022

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

Brunswick
 DEPT OF PUBLIC SAFETY
 BOILER & PRESSURE VESSEL ACT

REGISTRATION ONLY
 CRN: OH5216.5 REV2
 FID#: 614

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.

EXAMINER: [Signature]
 or
 CHIEF INSPECTOR
 DATE 6/22/2018

BLRs PVs
 FITTINGS COMPONENTS

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUMAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: CONTROLS CORPORATION OF AMERICA
 MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA
 PLANT LOCATIONS: (SAME)

CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
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 <input checked="" type="checkbox"/> 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)	PROOF TEST = 4 x MAX DESIGN PRESSURE

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION
SEE BELOW	FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER: MACHINED BARSTOCK

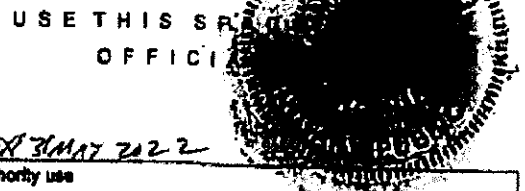
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

SCORE
 TEST REPORTS AND REPRESENTATIVE SKETCHES
 DESIGN DRAWINGS



DECLARATION: I, JOHN FRIEDRICH (see note 3) employed by CONCOA 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 W. BARTER 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 Virginia Beach, VA
 This 4th day of April AD 2018
 Commissioner of Oaths or Notary Public: (sign) [Signature]



(Affix Official seal to the right) # 701528 EX 31 MAY 2022

This space for Regulatory Authority use

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

CRN: 0H5216.5 REV2
 FID#: 614

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.

Newfoundland
 Labrador
 Service NL
 Registered 0H5216.50 REV 2
 Date 26 JUNE 2018
 Engineering and Inspection Services
 Registered by [Signature]
 UNDER THE AUTHORITY OF THE
 PUBLIC SAFETY ACT AND
 THE BOILER, PRESSURE VESSEL AND
 COMPRESSED GAS REGULATIONS

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>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
<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 <input checked="" type="radio"/> 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 AEGB or ASME requirements)</p>	<p align="center">TITLE OF THE STANDARD OF CONSTRUCTION</p> <p align="center">PROOF TEST = 4 x MAX DESIGN PRESSURE</p>
<p>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</p> <p align="center">SEE BELOW</p>	<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 checked="" type="checkbox"/> DESCRIBE OTHER: MACHINED BAR STOCK</p>
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p>SCORE TEST REPORTS AND REPRESENTATIVE SKETCHES DESIGN DRAWINGS</p>	

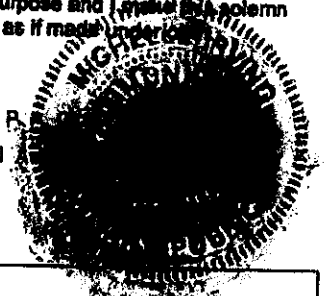


DECLARATION:

I JOHN FRIEDRICH (see note 3) employed by CONCOR 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 INTEAR 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 Virginia Beach, VA
 This 9th day of April AD 2018
 Commissioner of Oaths or Notary Public: [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) # 705528 EX 31 MAY 2022

This space for Regulatory Authority use

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

CRN: OH5216.5 REV2
 FID#: 614

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: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
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 alarm 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 <input checked="" type="checkbox"/> 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 AECS or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION <u>PROOF TEST</u> <u>= 4 x MAX</u> <u>DESIGN PRESSURE</u>
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT <u>SEE BELOW</u>	TYPE OF CONSTRUCTION FORGED OR WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER: <u>MACHINED BARSTOCK</u>
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: <u>SCORE</u> <u>TEST REPORTS AND REPRESENTATIVE SKETCHES</u> <u>DESIGN DRAWINGS</u>	



DECLARATION:
 I JOHN FRIEDRICH (was made by) employed by CONCOIL 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 W. TRATEK 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 Virginia Beach, VA
 This 9th day of April AD 2018
 Commissioner of Oaths or Notary Public: [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) # 201828 0931MAY 2018

This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance. CRN: <u>0H5216.5 REV2</u> FID#: <u>614</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.	Northwest Territories REGISTERED UNDER THE AUTHORITY OF THE BOILER AND PRESSURE VESSEL ACT. C.R.N. <u>0H5216.5T REV2</u> SIGNED <u>[Signature]</u> DATE <u>26 APR 22 2018</u>
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6500

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>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
<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 <input checked="" type="radio"/> 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 AEGB or ASME requirements)</p>	<p align="center">TITLE OF THE STANDARD OF CONSTRUCTION</p> <p align="center"><u>PROOF TEST</u> <u>= 4 x MAX</u> <u>DESIGN PRESSURE</u></p>
<p>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</p> <p align="center"><u>SEE BELOW</u></p>	<p align="center">TYPE OF CONSTRUCTION</p> <p>FORMED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER: <u>MACHINED BARSTOCK</u></p>
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p><u>SCORE</u> <u>TEST REPORTS AND REPRESENTATIVE SKETCHES</u> <u>DESIGN DRAWINGS</u></p>	



DECLARATION:

I JOHN FRIEDRICH (from table 2) employed by CONCOR 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 INTERTEK 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 Virginia Beach, VA
 This 9th day of June AD 2018
 Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) # 7015 28 27 MAY 2018

This space for Regulatory Authority Use
 This registration must be revalidated after ten (10) years from the date of registration.

CRN: <u>OH5216.5 REV2</u> FID#: <u>614</u>	NUNAVUT Boilers and Pressure Vessels Act REGISTERED CRN <u>OH5216.5N REV2</u> Date <u>June 22, 2018</u> Signed <u>[Signature]</u> Chief Inspector
---	---

- Note:**
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.

Territorial Registration Fee



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

August 13, 2018

JOHN FRIEDRICHS
CONTROLS CORPORATION OF AMERICA
1501 HARPERS RD
VIRGINIA BEACH VA 23454
US

Service Request Type.: BPV-National ACI Central
Service Request No.: 2324676
Your Reference No.:
Registered to.: CONTROLS CORPORATION OF AMERICA

Dear JOHN FRIEDRICHS,

Please find enclosed the original response from PEI,NS,NB,NFLD,YK,NWT,NU, registered under the CRN No.: 0H5216.59870YTNR2.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you. For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Tanya Francis
Administrative Assistant_ BPV Engineering
Tel.: 416-734-3423
Fax: 416-231-6183
Email :tfrancis@tssa.org

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURER'S NAME: CONTROLS CORPORATION OF AMERICA
 MANUFACTURER'S ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA
 PLANT LOCATION: (SAME)

- 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 fuel gas
 - H Pressure retaining components that do not fall into one of the above categories
 - N Nuclear components: Class 1 Class 2 Class 3 (Meeting AECB or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION

PROOF TEST
= 4 x MAX
DESIGN PRESSURE

SHOW MANUFACTURER'S NAME, TRADEMARK OR LOGO AS IT WILL APPEAR ON THE PRODUCT

SEE BELOW

TYPE OF CONSTRUCTION

FORGED WELDED WROUGHT
 CAST OTHER
 DESCRIBE OTHER: MACHINED BARSTOCK

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

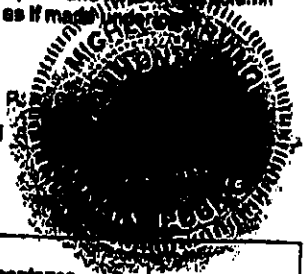
SCORE
TEST REPORTS AND REPRESENTATIVE SKETCHES
DESIGN DRAWINGS



DECLARATION:
 I JOHN FRIEDRICHUS (see note 2) employed by CONCOA 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 INTERTEC 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 Virginia Beach, VA
 This 9th day of April AD 2018
 Commissioner of Oaths or Notary Public: [Signature]

USE THIS SPACE FOR OFFICIAL USE



(Affix Official seal to the right) # 745528 09/3/MAY/2022
 This space for Regulatory Authority use
 This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: 0H5216.5 REV2
 FID#: 614

ACCEPTED
 PROVINCE OF PRINCE EDWARD ISLAND
 COMMUNITIES, LAND & ENVIRONMENT
 C.R.N. 0H5216.59 REV2
 DATE: June 22 2018
[Signature]
 INSPECTION SERVICES SECTION
 BOILER/PRESSURE VESSEL BRANCH

- 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 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: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	
<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><input checked="" type="checkbox"/> 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><u>PROOF TEST</u> <u>= 4 x MAX</u> <u>DESIGN PRESSURE</u></p>
<p>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</p> <p><u>SEE BELOW</u></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 checked="" type="checkbox"/></p> <p>DESCRIBE OTHER: <u>MACHINED BAR STOCK</u></p>
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p><u>SCORE</u></p> <p><u>TEST REPORTS AND REPRESENTATIVE SKETCHES</u></p> <p><u>DESIGN DRAWINGS</u></p>	

DECLARATION:

I JOHN FRIEDRICH (and wife if employed by CONCOR) 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 INTERTEK 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.

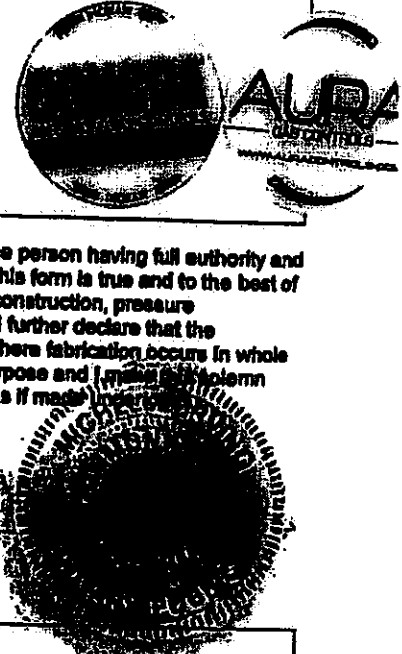
Signature of Declarer: [Signature]

Declared before me at Virginia Beach, VA

This 4th day of April AD 2018

Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) #701528 EX 3 MAY 2022

This space for Regulatory Authority use

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

CRN: 0H5216.5 REV2

FID#: 614

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.

BOILER & PRESSURE VESSEL
NOVA SCOTIA
Date: June 22/18
C.R.N. 0H5216.58REV2
Dwg: as described
Signed: Yvonne Perry
1 of 1
Part
ACT & REGULATIONS

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: CONTROLS CORPORATION OF AMERICA
 MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA
 PLANT LOCATIONS: (SAME)

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 Class 2 Class 3 , (Meeting AECP or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION

PROOF TEST
= 4 x MAX
DESIGN PRESSURE

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

SEE BELOW

TYPE OF CONSTRUCTION
 FORGED WELDED WROUGHT
 CAST OTHER
 DESCRIBE OTHER: MACHINED BARSTOCK

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

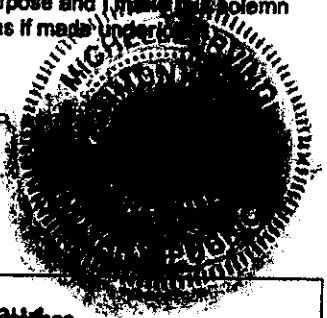
SCORE
TEST REPORTS AND REPRESENTATIVE SKETCHES
DESIGN DRAWINGS



DECLARATION:
 I JOHN FRIEDRICH (see note 3) employed by CONCOR 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 INTERTEK 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 Virginia Beach, VA
 This 9th day of April AD 2018
 Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) # 7015528 EX 31 MAY 2022

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

Brunswick
 DEPT OF PUBLIC SAFETY
 BOILER & PRESSURE VESSEL ACT

REGISTRATION ONLY
 CRN: OH5216.5 REV2
 FID#: 614

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.

EXAMINER: [Signature]
 or
 CHIEF INSPECTOR
 DATE: 6/22/2018

BLRs PVs
 FITTINGS COMPONENTS

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUMAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: CONTROLS CORPORATION OF AMERICA
 MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA
 PLANT LOCATIONS: (SAME)

CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
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 <input checked="" type="checkbox"/> 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)	PROOF TEST = 4 x MAX DESIGN PRESSURE

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION
SEE BELOW	FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER: MACHINED BAR STOCK

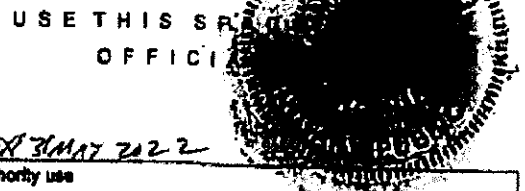
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

SCORE
 TEST REPORTS AND REPRESENTATIVE SKETCHES
 DESIGN DRAWINGS



DECLARATION:
 I JOHN FRIEDRICH (see note 3) employed by CONCOA 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 W. BARTER 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 Virginia Beach, VA
 This 4th day of April AD 2018
 Commissioner of Oaths or Notary Public: (sign) [Signature]



(Affix Official seal to the right) # 701528 EX 31 MAY 2022

This space for Regulatory Authority use

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

CRN: 0H5216.5 REV2
 FID#: 614

Newfoundland
 Labrador
 Service NL

Registered 0H5216.50 REV 2
 Date 26 JUNE 2018
 Engineering and Inspection Services
 Registered by [Signature]

UNDER THE AUTHORITY OF THE
 PUBLIC SAFETY ACT AND
 THE BOILER, PRESSURE VESSEL AND
 COMPRESSED GAS REGULATIONS

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: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
<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 <input checked="" type="checkbox"/> 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 AEGB or ASME requirements)</p>	<p align="center">TITLE OF THE STANDARD OF CONSTRUCTION</p> <p align="center">PROOF TEST = 4 x MAX DESIGN PRESSURE</p>
<p>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</p> <p align="center">SEE BELOW</p>	<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 checked="" type="checkbox"/> DESCRIBE OTHER: MACHINED BAR STOCK</p>
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p>SCORE TEST REPORTS AND REPRESENTATIVE SKETCHES DESIGN DRAWINGS</p>	

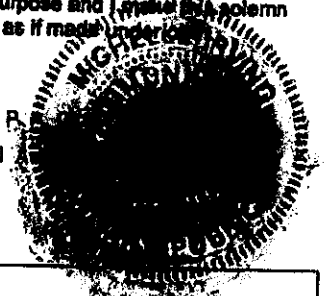


DECLARATION:

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Signature of Declarer: [Signature]
 Declared before me at Virginia Beach, VA
 This 9th day of April AD 2018
 Commissioner of Oaths or Notary Public: [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) # 705528 EX 31 MAY 2022

This space for Regulatory Authority use

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

CRN: OH5216.5 REV2
 FID#: 614

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: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
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 alarm 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 <input checked="" type="checkbox"/> 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 AECS or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION <u>PROOF TEST</u> <u>= 4 x MAX</u> <u>DESIGN PRESSURE</u>
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT <u>SEE BELOW</u>	TYPE OF CONSTRUCTION FORGED OR WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER: <u>MACHINED BARSTOCK</u>
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: <u>SCORE</u> <u>TEST REPORTS AND REPRESENTATIVE SKETCHES</u> <u>DESIGN DRAWINGS</u>	



DECLARATION:
 I, JOHN FRIEDRICH (was made by) employed by CONCOR 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 INTEGRER 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 Virginia Beach, VA
 This 9th day of April AD 2018
 Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) # 201828 093MAY2018

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

CRN: 0H5216.5 REV2
 FID#: 614

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.

Northwest Territories
REGISTERED
 UNDER THE AUTHORITY OF
 THE BOILER AND PRESSURE
 VESSEL ACT.
 C.R.N. 0H5216.5T REV2
 SIGNED [Signature]
 DATE APR 22 2018

6500

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>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
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 <input checked="" type="radio"/> 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 AEGB or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION <u>PROOF TEST</u> <u>= 4 x MAX</u> <u>DESIGN PRESSURE</u>
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	
<u>SEE BELOW</u>	TYPE OF CONSTRUCTION FORMED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER: <u>MACHINED BARSTOCK</u>
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:	
<u>SCORE</u> <u>TEST REPORTS AND REPRESENTATIVE SKETCHES</u> <u>DESIGN DRAWINGS</u>	



DECLARATION:

I JOHN FRIEDRICH (Print Name) employed by CONCOR 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 INTERTEK 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 Virginia Beach, VA
 This 9th day of June AD 2018
 Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



CRN: <u>OH5216.5 REV2</u> FID#: <u>614</u> Note: 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.	This space for Regulatory Authority Use This registration must be revalidated after ten (10) years from the date of registration. <div style="text-align: center;"> NUNAVUT Boilers and Pressure Vessels Act REGISTERED CRN <u>OH5216.5N REV2</u> Date <u>June 22, 2018</u> Signed <u>[Signature]</u> Chief Inspector </div>
---	--

Territorial Registration Fee



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

August 13, 2018

JOHN FRIEDRICHS
CONTROLS CORPORATION OF AMERICA
1501 HARPERS RD
VIRGINIA BEACH VA 23454
US

Service Request Type.: BPV-National ACI Central
Service Request No.: 2324676
Your Reference No.:
Registered to.: CONTROLS CORPORATION OF AMERICA

Dear JOHN FRIEDRICHS,

Please find enclosed the original response from PEI,NS,NB,NFLD,YK,NWT,NU, registered under the
CRN No.: 0H5216.59870YTNR2.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not
pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you.
For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail
customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service
Request number provided above.

Yours truly,

Tanya Francis
Administrative Assistant_ BPV Engineering
Tel.: 416-734-3423
Fax: 416-231-6183
Email :tfrancis@tssa.org

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURER'S NAME: CONTROLS CORPORATION OF AMERICA
 MANUFACTURER'S ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA
 PLANT LOCATION: (SAME)

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 fuel gas
 H Pressure retaining components that do not fall into one of the above categories
 N Nuclear components: Class 1 Class 2 Class 3 (Meeting AECB or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION

PROOF TEST
= 4 x MAX
DESIGN PRESSURE

SHOW MANUFACTURER'S NAME, TRADEMARK OR LOGO AS IT WILL APPEAR ON THE PRODUCT

SEE BELOW

TYPE OF CONSTRUCTION

FORGED WELDED WROUGHT
 CAST OTHER
 DESCRIBE OTHER: MACHINED BARSTOCK

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

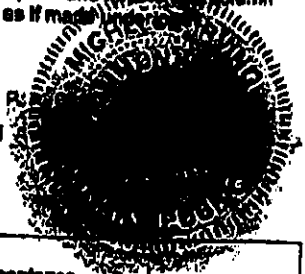
SCORE
TEST REPORTS AND REPRESENTATIVE SKETCHES
DESIGN DRAWINGS



DECLARATION:
 I JOHN FRIEDRICHUS (see note 2) employed by CONCOA 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 INTERTEC 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 Virginia Beach, VA
 This 9th day of April AD 2018
 Commissioner of Oaths or Notary Public: [Signature]

USE THIS SIDE OF OFFICIAL SEAL



(Affix Official seal to the right) # 7015 28 003/MAY 2022

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

CRN: 0H5216.5 REV2
 FID#: 614

ACCEPTED
 PROVINCE OF PRINCE EDWARD ISLAND
 COMMUNITIES, LAND & ENVIRONMENT
 C.R.N. 0H5216.59 REV2
 DATE: June 22 2018
[Signature]
 INSPECTION SERVICES SECTION
 BOILER/PRESSURE VESSEL BRANCH

- 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 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: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
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 <input checked="" type="checkbox"/> 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 <u>PROOF TEST</u> <u>= 4 x MAX</u> <u>DESIGN PRESSURE</u>
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT <u>SEE BELOW</u>	TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER: <u>MACHINED BAR STOCK</u>
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: <u>SCORE</u> <u>TEST REPORTS AND REPRESENTATIVE SKETCHES</u> <u>DESIGN DRAWINGS</u>	

DECLARATION:

I, JOHN FRIEDRICH (and wife if employed by CONCOR) 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 INTERTEK 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.

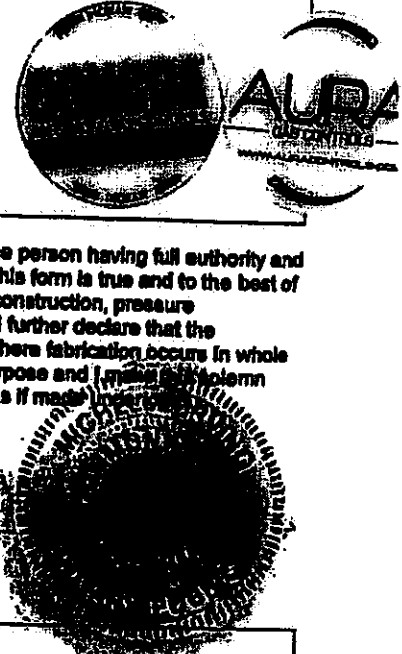
Signature of Declarer: [Signature]

Declared before me at Virginia Beach, VA

This 4th day of April AD 2018

Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) #701528 EX 3 MAY 2022

This space for Regulatory Authority use

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

CRN: 0H5216.5 REV2

FID#: 614

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.

BOILER & PRESSURE VESSEL
 NOVA SCOTIA
 Date: June 22/18
 C.R.N. 0H5216.5BREV2
 Dwg: as described
 Signed: Yvonne Perry
1 of 1
 Part
ACT & REGULATIONS

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: CONTROLS CORPORATION OF AMERICA
 MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA
 PLANT LOCATIONS: (SAME)

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 Class 2 Class 3 . (Meeting AECP or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION
PROOF TEST = 4 x MAX DESIGN PRESSURE



SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

SEE BELOW

TYPE OF CONSTRUCTION
 FORGED WELDED WROUGHT
 CAST OTHER
 DESCRIBE OTHER: MACHINED BARSTOCK

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

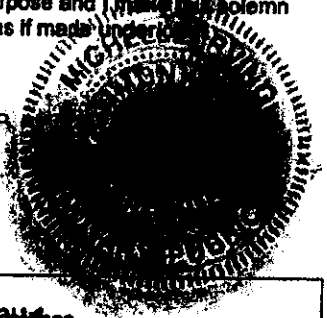
SCORE
TEST REPORTS AND REPRESENTATIVE SKETCHES
DESIGN DRAWINGS

DECLARATION:
 I JOHN FRIEDRICH (see note 3) employed by CONCOR 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 INTERTEK 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 Virginia Beach, VA
 This 4th day of April AD 2018
 Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) # 7015528 EX 31 MAY 2022

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

CRN: OH5216.5 REV2
 FID#: 614

Brunswick
 DEPT OF PUBLIC SAFETY
 BOILER & PRESSURE VESSEL ACT

REGISTRATION ONLY
 CRN OH5216.57 Rev2
 EXAMINER [Signature]
 or
 CHIEF REGISTERED INSPECTOR

DATE 6/22/2018

BLRs PVs
 FITTINGS COMPONENTS

- 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 at a maximum interval of five (5) years.

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUMAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: CONTROLS CORPORATION OF AMERICA
 MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA
 PLANT LOCATIONS: (SAME)

CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
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 <input checked="" type="checkbox"/> 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)	PROOF TEST = 4 x MAX DESIGN PRESSURE

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION
SEE BELOW	FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER: MACHINED BARSTOCK

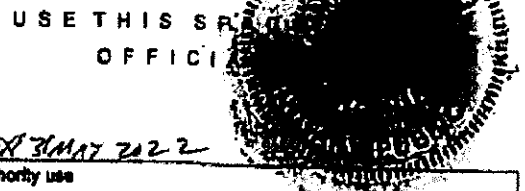
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

SCORE
 TEST REPORTS AND REPRESENTATIVE SKETCHES
 DESIGN DRAWINGS



DECLARATION:
 I JOHN FRIEDRICH (see note 3) employed by CONCOA 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 INTERTEK 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 Virginia Beach, VA
 This 4th day of April AD 2018
 Commissioner of Oaths or Notary Public: (sign) [Signature]



(Affix Official seal to the right) # 701528 EX 31 MAY 2022

This space for Regulatory Authority use

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

CRN: 0H5216.5 REV2
 FID#: 614

Newfoundland
 Labrador
 Service NL

Registered 0H5216.50 REV 2
 Date 26 JUNE 2018
 Engineering and Inspection Services
 Registered by [Signature]

UNDER THE AUTHORITY OF THE
 PUBLIC SAFETY ACT AND
 THE BOILER, PRESSURE VESSEL AND
 COMPRESSED GAS REGULATIONS

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: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
<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 <input checked="" type="checkbox"/> 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 AEGB or ASME requirements)</p>	<p align="center">TITLE OF THE STANDARD OF CONSTRUCTION</p> <p align="center">PROOF TEST = 4 x MAX DESIGN PRESSURE</p>
<p>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</p> <p align="center">SEE BELOW</p>	<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 checked="" type="checkbox"/> DESCRIBE OTHER: MACHINED BARSTOCK</p>
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p>SCORE TEST REPORTS AND REPRESENTATIVE SKETCHES DESIGN DRAWINGS</p>	

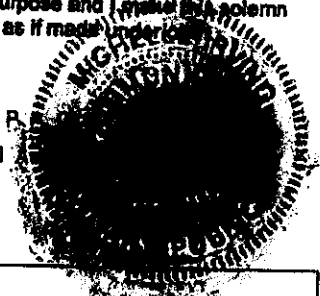


DECLARATION:

I JOHN FRIEDRICH (see note 3) employed by CONCOR 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 INTEAR 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 Virginia Beach, VA
 This 9th day of April AD 2018
 Commissioner of Oaths or Notary Public: [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) # 705528 EX 31 MAY 2022

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

CRN: 0H5216.5 REV2

FID#: 614

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: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
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 <input checked="" type="checkbox"/> 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 AECS or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION <u>PROOF TEST</u> <u>= 4 x MAX</u> <u>DESIGN PRESSURE</u>
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT <u>SEE BELOW</u>	TYPE OF CONSTRUCTION FORGED OR WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER: <u>MACHINED BARSTOCK</u>
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: <u>SCORE</u> <u>TEST REPORTS AND REPRESENTATIVE SKETCHES</u> <u>DESIGN DRAWINGS</u>	



DECLARATION:
 I, JOHN FRIEDRICH (was made by) employed by CONCOR 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 W. TRATEK 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 Virginia Beach, VA
 This 9th day of April AD 2018
 Commissioner of Oaths or Notary Public: [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) # 201828 093MAY2018

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

CRN: 0H5216.5 REV2
 FID#: 614

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.

Northwest Territories
REGISTERED
 UNDER THE AUTHORITY OF
 THE BOILER AND PRESSURE
 VESSEL ACT.
 C.R.N. 0H5216.5T REV2
 SIGNED [Signature]
 DATE March 22 2018

6500

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>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
<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 <input checked="" type="radio"/> 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 AEGB or ASME requirements)</p>	<p align="center">TITLE OF THE STANDARD OF CONSTRUCTION</p> <p align="center"><u>PROOF TEST</u> <u>= 4 x MAX</u> <u>DESIGN PRESSURE</u></p>
<p>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</p> <p align="center"><u>SEE BELOW</u></p>	<p align="center">TYPE OF CONSTRUCTION</p> <p>FORMED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER: <u>MACHINED BARSTOCK</u></p>
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p><u>SCORE</u> <u>TEST REPORTS AND REPRESENTATIVE SKETCHES</u> <u>DESIGN DRAWINGS</u></p>	



DECLARATION:

I JOHN FRIEDRICH (Print Name) employed by CONCOR 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 INTERTEK 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 Virginia Beach, VA
 This 9th day of June AD 2018
 Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) # 7015 28 27 MAY 2018

This space for Regulatory Authority Use
 This registration must be revalidated after ten (10) years from the date of registration.

CRN: <u>OH5216.5 REV2</u> FID#: <u>614</u>	 NUNAVUT Boilers and Pressure Vessels Act REGISTERED CRN <u>OH5216.5N REV2</u> Date <u>June 22, 2018</u> Signed <u>[Signature]</u> Chief Inspector
Territorial Registration Fee	

- Note:**
- 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.



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

July 20, 2018

JOHN FRIEDRICHS
CONTROLS CORPORATION OF AMERICA
1501 HARPERS RD
VIRGINIA BEACH VA 23454
US

Service Request Type.: BPV-National AB
Service Request No.: 2324664
Your Reference No.:
Registered to.: CONTROLS CORPORATION OF AMERICA

Dear JOHN FRIEDRICHS,

Please find enclosed the original response from AB, registered under the CRN No.: 0H05216.52.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you.
For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Tanya Francis
Administrative Assistant_ BPV Engineering
Tel. : 416-734-3423
Fax : 416-231-6183
Email : tfrancis@tssa.org



the pressure equipment safety authority

9410 - 20 Ave N.W.
Edmonton, Alberta, Canada T6N 0A4
Tel: (780) 437-9100 / Fax: (780) 437-7787

July 03, 2018

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

Email: JKarpinski@tssa.org

The design submission, tracking number 2018-03870, originally received on June 15, 2018 was surveyed and accepted for registration as follows:

CRN : 0H05216.52 **Accepted on:** July 03, 2018
Reg Type: ADDITION TO ACC. FITTING **Expiry Date:** June 05, 2028
Drawing No. : SCOPE FOR FITTINGS TYPE H-REV 1
Fitting type: PIPING FITTINGS
Design registered in the name of : CONTROLS CORPORATION OF AMERICA

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

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.

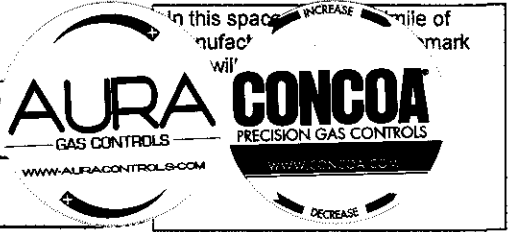
If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3343 or fax (780) 437-7787 or e-mail tang@absa.ca.

Sincerely,

TANG, TAO, P. Eng.
DOP Cert. No. D00008848

STATUTORY DECLARATION Registration of Fittings

I, John Friedrichs, Supervisor of Design Engineering, Controls Corporation of America, located at 1501 Harpers Road, Virginia Beach, VA 23454



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

- comply with the requirements of ... which specifies the dimensions, 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 4x max pressure burst test 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 manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, Intertek Services Corporation 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 ISO 9001 (CATEGORY H)

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

SCOPE, TEST REPORTS AND REPRESENTATIVE SKETCHES, & DESIGN DRAWING

DECLARED before me at Virginia Beach in the STATE of Virginia this 4th day of April, 2018 (print) Michelle Irving (a Commissioner of Oaths or Notary Public) (sign) Michelle Irving (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 H Registration Number: OH 20418:52 Date Registered: Jul 03 2018 Expiry Date: June 5, 2028

SCOPE FOR FITTINGS TYPE H - REV 1

(Temperature Range: -40°F to 140°F)

	Zinc Die Cast Bonnet with Barstock Capsule (thread match to body)	Brass Barstock Bonnet with Barstock Capsule (thread match to body)	Forged Brass Bonnet with Barstock Capsule (thread match to body)
TEST-1 Brass Barstock Body with M20 Capsule Thread Design Inlet Pressure: 4500 psig / Observed Burst Pressure: 25000 psi	TEST-11 CONCOA Regulators using Brass Barstock Body with a Zinc Die Cast Bonnet. M20 Inlet Capsule Thread. 45mm Outlet Bonnet Thread. Design Outlet Pressure: 500 psig / Observed Burst Pressure: 15000 psi (The following series are examples of this construction: 301, 302, 303, 304, 305, 306, 307, 311, 312, 313, 315, 325, 56H, 601, 3070, 4500, 4800, 5200, 56A)	TEST-12 CONCOA Regulators using Brass Barstock Body with a Brass Barstock Bonnet. M20 Inlet Capsule Thread. 45mm Outlet Bonnet Thread. Design Outlet Pressure: 500 psig / Observed Burst Pressure: 15000 psi (The following series are examples of this construction: 401, 402, 403, 404, 405, 411, 412, 414, 416, 423, 435, 438, 460, 463, 465, 470, 491, 495, 498, 619, EX1C, EX2C, EXDC, P1B, P2B, P5B, PEC)	N/A
	TEST-14 CONCOA Regulators using Brass Barstock Body with a Zinc Die Cast Bonnet. M20 Inlet Capsule Thread. 65mm Outlet Bonnet Thread. Design Outlet Pressure: 250 psig / Observed Burst Pressure: 15000 psi (The following series are examples of this construction: 109, 202, 203, 205, 206, 212, 213, 483, 485, 603, 605, 655, 6500, 6800, 9900, EXFC, EXFN, P3B, P4B)	N/A	TEST-15 CONCOA Regulators using Brass Barstock Body with a Forged Brass Bonnet. M20 Inlet Capsule Thread. 65mm Outlet Bonnet Thread. Design Outlet Pressure: 250 psig / Observed Burst Pressure: 17000 psi (The following series are examples of this construction: 6600, 6700)
	N/A	TEST-18 CONCOA Regulators using Brass Barstock Body with a Brass Barstock Bonnet. M20 Inlet Capsule Thread. 1-5/8 16 Outlet Bonnet Thread. Design Outlet Pressure: 6000 psig / Observed Burst Pressure: 29000 psi (The following series are examples of this construction: 492, 530)	N/A
	N/A	TESTS-27, 28 CONCOA Regulators using Brass Barstock Body with a Brass Barstock Bonnet. M20 Inlet Capsule Thread. 2-16 Outlet Bonnet Thread. Design Outlet Pressure: 3000 psig / Observed Burst Pressure: 18000 psi (The following series are examples of this construction: 622, 623, 6200, 67B, 676, 80567XX)	N/A
	N/A	TEST-16 CONCOA Regulators using Brass Barstock Body with a Brass Barstock Bonnet. 5/8-24 Inlet Capsule Thread. 2-1/16 16 Outlet Bonnet Thread. Design Outlet Pressure: 250 psig / Observed Burst Pressure: 17000 psi (The following series are examples of this construction: 4400, 5500, 5600, 5700, 8000, 150, 152, 155, 160, 162, 165, 308)	N/A
TEST-6 Brass Barstock Body with 5/8-24 Capsule Thread Design Inlet Pressure: 6000 psig / Observed Burst Pressure: 28000 psi	N/A	TEST-18 CONCOA Regulators using Brass Barstock Body with a Brass Barstock Bonnet. 5/8-24 Inlet Capsule Thread. 1-5/8 16 Outlet Bonnet Thread. Design Outlet Pressure: 6000 psig / Observed Burst Pressure: 29000 psi (The following series are examples of this construction: 1400)	N/A
	N/A	TEST-25 CONCOA Regulators using Forged Brass Barstock Body with a Forged Brass Bonnet. M20 Inlet Capsule Thread. 65mm Outlet Bonnet Thread. Design Outlet Pressure: 250 psig / Observed Burst Pressure: 17000 psi (The following series are examples of this construction: 455)	

CONCOA

SAFETY CODES ACT - PROVINCE OF ALBERTA

REGISTRATION OF FITTINGS

DH 20478-52
DH 05276-N/A-52

TYPE OF FITTINGS: Pressure Fittings
 DATE: **JUL 03 2018**
 INITIALS: Tao Tang
 TAQ TANG, P.Eng.
 DESIGN SURVEY ENGINEER

Scope for Fittings Type H - Rev 1.

SCOPE FOR FITTINGS TYPE H - REV 1

(Temperature Range: -40°F to 140°F)

	Zinc Die Cast Bonnet with Barstock Capsule (thread match to body)	Brass Barstock Bonnet with Barstock Capsule (thread match to body)	316L/304 Stainless Barstock Bonnet with Barstock Capsule (thread match to body)
TEST-9 316L Stainless Barstock Body with M20 Capsule Thread <i>Design Inlet Pressure: 6000 psig / Observed Burst Pressure: 32000 psi</i>	45mm Bonnet		
	TEST-19	TEST-20	TEST-21
	CONCOA Regulators using 316L Stainless Barstock Body with a Zinc Die Cast Bonnet. M20 Inlet Capsule Thread. 45mm Outlet Bonnet Thread. <i>Design Outlet Pressure: 500 psig / Observed Burst Pressure: 17000 psi</i> (The following series are examples of this construction: 321, 322, 323, 324, 327, 332, 333)	CONCOA Regulators using 316L Stainless Barstock Body with a Brass Barstock Bonnet. M20 Inlet Capsule Thread. 45mm Outlet Bonnet Thread. <i>Design Outlet Pressure: 500 psig / Observed Burst Pressure: 18000 psi</i> (The following series are examples of this construction: 415, 417, 420, 424, 425, 426, 427, 428, 429, 430, 432, 433, 445, 462, 464, 467, 480, 495, 497, 499, , P15, P25, P55, P65)	CONCOA Regulators using 316L Stainless Barstock Body with a Stainless Bonnet. M20 Inlet Capsule Thread. 45mm Outlet Bonnet Thread. <i>Design Outlet Pressure: 500 psig / Observed Burst Pressure: 18000 psi</i> (The following series are examples of this construction: EX1G, EX1S, EX1P, EX2G, EX2S, EX8G, EX8S, EXDS, EXVS)
	65mm Bonnet		
	TEST-22	N/A	TEST-23
	CONCOA Regulators using 316L Stainless Barstock Body with a Zinc Die Cast Bonnet. M20 Inlet Capsule Thread. 65mm Outlet Bonnet Thread. <i>Design Outlet Pressure: 250 psig / Observed Burst Pressure: 17000 psi</i> (The following series are examples of this construction: 484, 486, P35, P45)		CONCOA Regulators using 316L Stainless Barstock Body with a Stainless Bonnet. M20 Inlet Capsule Thread. 65mm Outlet Bonnet Thread. <i>Design Outlet Pressure: 250 psig / Observed Burst Pressure: 17000 psi</i> (The following series are examples of this construction: EXFS, EXFG)
	1-5/8 16 Bonnet		
N/A	N/A	TEST-24	
		CONCOA Regulators using 316L Stainless Barstock Body with a Stainless Bonnet. M20 Inlet Capsule Thread. 1-5/8 16 Outlet Bonnet Thread. <i>Design Outlet Pressure: 6000 psig / Observed Burst Pressure: 29000 psi</i> (The following series are examples of this construction: 493, 547)	
2-16 Bonnet			
N/A	N/A	TEST-32	
		CONCOA Regulators using 316L Stainless Barstock Body with a Stainless Bonnet. M20 Inlet Capsule Thread. 2-16 Outlet Bonnet Thread. <i>Design Outlet Pressure: 3000 psig / Observed Burst Pressure: 18000 psi</i> (The following series are examples of this construction: 675, 677)	

Stainless Barstock Transducers
TEST-34
CONCOA Intrinsically Safe Transducers. <i>Design Pressure: 6000 psig / Observed Burst Pressure: 32000 psi</i> (The following parts are examples of this construction: 8309150-22, etc.)
TEST-35
CONCOA Transducers. <i>Design Pressure: 6000 psig / Observed Burst Pressure: 40000 psi</i> (The following series are examples of this construction: 8309150-23, etc.)

OH20478-52

OH05216-52



345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel.: 416 734 3300
Fax: 416 231 1626
Toll Free: 1.877.582.5772

www.tssa.org

June 05, 2018

JOHN FRIEDRICHS
CONTROLS CORPORATION OF AMERICA
1501 HARPERS RD
VIRGINIA BEACH VA 23454
US

Service Request Type: BPV-Fitting Registration
Service Request No.: 2285236
Your Reference No.:
Registered to: CONTROLS CORPORATION OF AMERICA

Dear JOHN FRIEDRICHS,

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

CRN No.: 0H5216.5R2
Main Design No.: SEE SCOPE -FITTINGS TYPE H-REV 1
Expiry Date: 05-Jun-2028

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

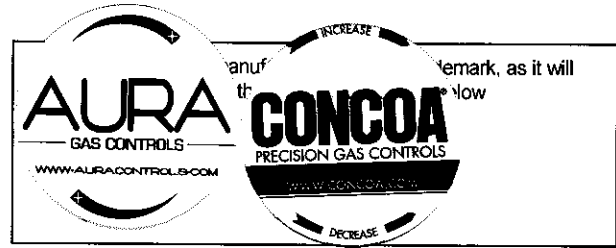
A stamped copy of the approved registration and invoice for engineering services will be sent to you shortly. Should you have any questions or require further assistance, however, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. We will be happy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

Yours truly,

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



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



STATUTORY DECLARATION Registration of Fittings

I, MICHAEL SIMS, MECHANICAL DESIGN ENGINEER

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

of CONCOA

(Name of Manufacturer)

Located at 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454

(Plant Address)

757 422 8330

(Telephone No.)

757 422 3125

(Fax No.)

do solemnly declare that the fittings listed hereunder, which are subject to the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, comply with all of the requirements of

(Title of recognized North American Standard)

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;

or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with **Proof Pressure = 4 x Max Design Press** 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 which has been verified by the following authority, Intertek Services Corporation

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

SCOPE, TEST REPORTS AND REPRESENTATIVE SKETCHES, & DESIGN DRAWING

(drawings, calculations, test reports, etc.)

Declared before me at Virginia Beach in the State of Virginia

the 4th day of April AD 2018.

Commissioner for Oaths:

Michelle Truong
(Printed name)

[Signature]
(Signature)

Michael Sims
(Signature of Declarer)

7015528 EXP 31 MAY 2022

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: OH 5216.5R2

Registered by: ZILKO GACEVIC

Dated: JUN 5, 2018

NOTE: This registration expires on: JUN 5, 2028

Technical Standards and Safety Authority
 Boilers and Pressure Vessels Safety Program

REGISTERED

CRN: OH 5216.5R2

Signed: [Signature]

Date: JUN 5, 2018

- Design Code: B31.3 2016
 Notes: See attached Scope of Registration.
 Z.S. 6/17/18

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

SCOPE FOR FITTINGS TYPE H - REV 1

(Temperature Range: -40°F to 140°F)

	Zinc Die Cast Bonnet with Barstock Capsule (thread match to body)	Brass Barstock Bonnet with Barstock Capsule (thread match to body)	Forged Brass Bonnet with Barstock Capsule (thread match to body)
TEST-1 Brass Barstock Body with M20 Capsule Thread Design Inlet Pressure: 4500 psig / Observed Burst Pressure: 25000 psi	TEST-11 CONCOA Regulators using Brass Barstock Body with a Zinc Die Cast Bonnet. M20 Inlet Capsule Thread. 45mm Outlet Bonnet Thread. Design Outlet Pressure: 500 psig / Observed Burst Pressure: 15000 psi (The following series are examples of this construction: 301, 302, 303, 304, 305, 306, 307, 311, 312, 313, 315, 325, 56H, 601, 3070, 4500, 4800, 5200, 56A)	TEST-12 CONCOA Regulators using Brass Barstock Body with a Brass Barstock Bonnet. M20 Inlet Capsule Thread. 45mm Outlet Bonnet Thread. Design Outlet Pressure: 500 psig / Observed Burst Pressure: 15000 psi (The following series are examples of this construction: 401, 402, 403, 404, 405, 411, 412, 414, 416, 423, 435, 438, 460, 463, 465, 470, 491, 495, 498, 619, EX1C, EX2C, EXDC, P18, P28, P5B, P6C)	N/A
	TEST-14 CONCOA Regulators using Brass Barstock Body with a Zinc Die Cast Bonnet. M20 Inlet Capsule Thread. 65mm Outlet Bonnet Thread. Design Outlet Pressure: 250 psig / Observed Burst Pressure: 15000 psi (The following series are examples of this construction: 105, 202, 203, 205, 206, 212, 213, 483, 485, 603, 605, 655, 6500, 6800, 9900, EXFC, EXFN, P3B, P4B)	N/A	TEST-15 CONCOA Regulators using Brass Barstock Body with a Forged Brass Bonnet. M20 Inlet Capsule Thread. 65mm Outlet Bonnet Thread. Design Outlet Pressure: 250 psig / Observed Burst Pressure: 17000 psi (The following series are examples of this construction: 6600, 6700)
	N/A	TEST-18 CONCOA Regulators using Brass Barstock Body with a Brass Barstock Bonnet. M20 Inlet Capsule Thread. 1-5/8 16 Outlet Bonnet Thread. Design Outlet Pressure: 6000 psig / Observed Burst Pressure: 29000 psi (The following series are examples of this construction: 492, 530)	N/A
	N/A	TESTS-27, 28 CONCOA Regulators using Brass Barstock Body with a Brass Barstock Bonnet. M20 Inlet Capsule Thread. 2-16 Outlet Bonnet Thread. Design Outlet Pressure: 3000 psig / Observed Burst Pressure: 18000 psi (The following series are examples of this construction: 622, 623, 6200, 678, 676, 80567XX)	N/A
	N/A	TEST-16 CONCOA Regulators using Brass Barstock Body with a Brass Barstock Bonnet. 5/8-24 Inlet Capsule Thread. 2-1/16 16 Outlet Bonnet Thread. Design Outlet Pressure: 250 psig / Observed Burst Pressure: 17000 psi (The following series are examples of this construction: 4400, 5500, 5600, 5700, 8000, 150, 152, 155, 160, 162, 165, 308)	N/A
	N/A	TEST-18 CONCOA Regulators using Brass Barstock Body with a Brass Barstock Bonnet. 5/8-24 Inlet Capsule Thread. 1-5/8 16 Outlet Bonnet Thread. Design Outlet Pressure: 6000 psig / Observed Burst Pressure: 29000 psi (The following series are examples of this construction: 1400)	N/A
TEST-6 Brass Barstock Body with 5/8-24 Capsule Thread Design Inlet Pressure: 6000 psig / Observed Burst Pressure: 28000 psi	N/A	N/A	N/A
TEST-10 Forged Brass Body with M20 Capsule Thread Design Inlet Pressure: 5500 psig / Observed Burst Pressure: 26000 psi	N/A	N/A	TEST-25 CONCOA Regulators using Forged Brass Barstock Body with a Forged Brass Bonnet. M20 Inlet Capsule Thread. 65mm Outlet Bonnet Thread. Design Outlet Pressure: 250 psig / Observed Burst Pressure: 17000 psi (The following series are examples of this construction: 455)

THIS IS PART OF

CRN 0H5216.5R2

Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program

6/15/19

SCOPE FOR FITTINGS TYPE H - REV 1

(Temperature Range: -40°F to 140°F)

	Zinc Die Cast Bonnet with Barstock Capsule (thread match to body)	Brass Barstock Bonnet with Barstock Capsule (thread match to body)	316L/304 Stainless Barstock Bonnet with Barstock Capsule (thread match to body)
TEST-9 316L Stainless Barstock Body with M20 Capsule Thread Design Inlet Pressure: 6000 psig / Observed Burst Pressure: 32000 psi	45mm Bonnet		
	TEST-19 CONCOA Regulators using 316L Stainless Barstock Body with a Zinc Die Cast Bonnet. M20 Inlet Capsule Thread. 45mm Outlet Bonnet Thread. Design Outlet Pressure: 500 psig / Observed Burst Pressure: 17000 psi (The following series are examples of this construction: 321, 322, 323, 324, 327, 332, 333)	TEST-20 CONCOA Regulators using 316L Stainless Barstock Body with a Brass Barstock Bonnet. M20 Inlet Capsule Thread. 45mm Outlet Bonnet Thread. Design Outlet Pressure: 500 psig / Observed Burst Pressure: 18000 psi (The following series are examples of this construction: 415, 417, 420, 424, 425, 426, 427, 428, 429, 430, 432, 433, 445, 462, 464, 467, 480, 495, 497, 499, , P15, P25, P55, P65)	TEST-21 CONCOA Regulators using 316L Stainless Barstock Body with a Stainless Bonnet. M20 Inlet Capsule Thread. 45mm Outlet Bonnet Thread. Design Outlet Pressure: 500 psig / Observed Burst Pressure: 18000 psi (The following series are examples of this construction: EX1G, EX1S, EX1P, EX2S, EXBG, EXBS, EXDS, EXVS)
	65mm Bonnet		
	TEST-22 CONCOA Regulators using 316L Stainless Barstock Body with a Zinc Die Cast Bonnet. M20 Inlet Capsule Thread. 65mm Outlet Bonnet Thread. Design Outlet Pressure: 250 psig / Observed Burst Pressure: 17000 psi (The following series are examples of this construction: 484, 486, P35, P45)	N/A	TEST-23 CONCOA Regulators using 316L Stainless Barstock Body with a Stainless Bonnet. M20 Inlet Capsule Thread. 65mm Outlet Bonnet Thread. Design Outlet Pressure: 250 psig / Observed Burst Pressure: 17000 psi (The following series are examples of this construction: EXF5, EXFG)
	1-5/8 16 Bonnet		
	N/A	N/A	TEST-24 CONCOA Regulators using 316L Stainless Barstock Body with a Stainless Bonnet. M20 Inlet Capsule Thread. 1-5/8 16 Outlet Bonnet Thread. Design Outlet Pressure: 6000 psig / Observed Burst Pressure: 29000 psi (The following series are examples of this construction: 493, 547)
2-16 Bonnet			
N/A	N/A	TEST-32 CONCOA Regulators using 316L Stainless Barstock Body with a Stainless Bonnet. M20 Inlet Capsule Thread. 2-16 Outlet Bonnet Thread. Design Outlet Pressure: 3000 psig / Observed Burst Pressure: 18000 psi (The following series are examples of this construction: 675, 677)	

Stainless Barstock Transducers
TEST-34 CONCOA Intrinsically Safe Transducers. Design Pressure: 6000 psig / Observed Burst Pressure: 32000 psi (The following parts are examples of this construction: 8309150-22, etc.)
TEST-35 CONCOA Transducers. Design Pressure: 6000 psig / Observed Burst Pressure: 40000 psi (The following series are examples of this construction: 8309150-23, etc.)

THIS IS PART OF

CRN 015216.5R2

Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program

6/5/18 Z.C.

BURST TEST RESULTS SUMMARY - REV 1

Test No	Test Description	Geometry Drawing	Sketch	Body	Bonnet	Seat Nozzle	Other Material	Max Rated Pressure (PSI)	Burst Pressure (PSI)	Inlet or Outlet	Safety Factor	Temperature Rating
1	Brass Barstock Body with M20 Capsule Thread Inlet Pressure Test	3	1	UNS C36000 - Brass Barstock per ASTM B-16	n/a	UNS C36000 - Brass Barstock per ASTM B-16	n/a	4500	25000	Inlet	5.56	-40°F to 140°F
5	Brass Barstock Body with 5/8-24 Capsule Thread Inlet Pressure Test	1	7	UNS C36000 - Brass Barstock per ASTM B-16	n/a	UNS C36000 - Brass Barstock per ASTM B-16	n/a	6000	28000	Inlet	4.67	-40°F to 140°F
9	Stainless Barstock Body with M20 Capsule Thread Inlet Pressure Test	3	10	UNS S31603 - 316L Stainless Barstock per ASTM A276	UNS S30300 - 303 Stainless Barstock per ASTM A-582	UNS S31603 - 316L Stainless Barstock per ASTM A276	n/a	6000	32000	Inlet	5.33	-40°F to 140°F
10	Brass Forged Body with M20 Capsule Thread Inlet Pressure Test	2	6	UNS C37700 - Forged Brass Barstock per ASTM B-124	n/a	UNS C36000 - Brass Barstock per ASTM B-16	n/a	5500	26000	Inlet	4.73	-40°F to 140°F
11	Brass Barstock Body with 45mm Zinc Die Cast Bonnet Outlet Pressure Test	5	1	UNS C36000 - Brass Barstock per ASTM B-16	UNS Z33520 - Zinc Die Cast per ASTM B-86	n/a	n/a	500	15000	Outlet	30	-40°F to 140°F
12	Brass Barstock Body with 45mm Brass Barstock Bonnet Outlet Pressure Test	7	2	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	500	15000	Outlet	30	-40°F to 140°F
14	Brass Barstock Body with 65mm Zinc Die Cast Bonnet Outlet Pressure Test	4	4	UNS C36000 - Brass Barstock per ASTM B-16	UNS Z33520 - Zinc Die Cast per ASTM B-86	n/a	n/a	250	15000	Outlet	60	-40°F to 140°F
15	Brass Barstock Body with 65mm Brass Forged Bonnet Outlet Pressure Test	6	5	UNS C36000 - Brass Barstock per ASTM B-16	UNS C37700 - Forged Brass Barstock per ASTM B-124	n/a	n/a	250	17000	Outlet	68	-40°F to 140°F
16	Brass Barstock Body with 2-1/16 16 Brass Barstock Bonnet Outlet Pressure Test	10	7	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	250	17000	Outlet	68	-40°F to 140°F
18	Brass Barstock Body with 1-5/8 16 Brass Barstock Bonnet Outlet Pressure Test	8	9	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	6000	29000	Outlet	4.83	-40°F to 140°F
19	Stainless Barstock Body with 45mm Zinc Die Cast Bonnet Outlet Pressure Test	5	10	UNS S31603 - 316L Stainless Barstock per ASTM A276	UNS Z33520 - Zinc Die Cast per ASTM B-86	n/a	n/a	500	17000	Outlet	34	-40°F to 140°F
20	Stainless Barstock Body with 45mm Brass Barstock Bonnet Outlet Pressure Test	7	11	UNS S31603 - 316L Stainless Barstock per ASTM A276	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	500	18000	Outlet	36	-40°F to 140°F
21	Stainless Barstock Body with 45mm Stainless Barstock Bonnet Outlet Pressure Test	7	12	UNS S31603 - 316L Stainless Barstock per ASTM A276	UNS S31603 - 316L Stainless Barstock per ASTM A276	n/a	n/a	500	18000	Outlet	36	-40°F to 140°F
22	Stainless Barstock Body with 45mm Zinc Die Cast Bonnet Outlet Pressure Test	4	13	UNS S31603 - 316L Stainless Barstock per ASTM A276	UNS Z33520 - Zinc Die Cast per ASTM B-86	n/a	n/a	250	17000	Outlet	68	-40°F to 140°F
23	Stainless Barstock Body with 65mm Stainless Barstock Bonnet Outlet Pressure Test	11	16	UNS S31603 - 316L Stainless Barstock per ASTM A276	UNS S31603 - 316L Stainless Barstock per ASTM A276	n/a	n/a	250	17000	Outlet	68	-40°F to 140°F
24	Stainless Barstock Body with 1-5/8 16 Stainless Barstock Bonnet Outlet Pressure Test	8	14	UNS S31603 - 316L Stainless Barstock per ASTM A276	UNS S31603 - 316L Stainless Barstock per ASTM A276	n/a	n/a	6000	29000	Outlet	4.83	-40°F to 140°F
25	Brass Forged Body with 65mm Brass Forged Bonnet Outlet Pressure Test	6	6	UNS C37700 - Forged Brass Barstock per ASTM B-124	UNS C37700 - Forged Brass Barstock per ASTM B-124	n/a	n/a	250	17000	Outlet	68	-40°F to 140°F
27	Brass Barstock Body with 2-16 Brass Barstock Bonnet Outlet Pressure Test	9	15	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	3000	18000	Outlet	6	-40°F to 140°F
28	Brass Barstock Body with 2-16 Brass Barstock Bonnet Dome Pressure Test	9	15	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	3000	18000	Dome	6	-40°F to 140°F
32	Stainless Barstock Body with 2-16 Stainless Barstock Bonnet Outlet Pressure Test	9	17	UNS S31603 - 316L Stainless Barstock per ASTM A276	UNS S31603 - 316L Stainless Barstock per ASTM A276	n/a	n/a	3000	18000	Outlet	6	-40°F to 140°F
33	Protocol Station Cross 1/4" NPT	n/a	18	n/a	n/a	n/a	UNS C36000 - Brass Barstock per ASTM B-16	5500	26000	Inlet/Outlet	4.72	-40°F to 140°F
34	Intrinsically Safe Transducer	n/a	19	n/a	n/a	n/a	UNS S17400 - 17-4 Stainless Steel per ASTM A-689	6300	32000	Inlet	5.33	-40°F to 140°F
35	Transducer	n/a	20	n/a	n/a	n/a	UNS S17400 - 17-4 Stainless Steel per ASTM A-689	6000	28000	Inlet	6.67	-40°F to 140°F
36	Tee	n/a	21	n/a	n/a	n/a	UNS C36000 - Brass Barstock per ASTM B-16	3000	15000	Inlet	5	-40°F to 140°F
37	Pneumatic Shutdown Valve	n/a	22	UNS S31603 - 316L Stainless Barstock per ASTM A276	UNS S30300 - 303 Stainless Barstock per ASTM A-582	n/a	UNS A96061 - 6061 Aluminum per ASTM B-211	3500	21000	Inlet/Outlet	6	-40°F to 140°F
38	Pneumatic Shutdown Valve	n/a	22	UNS S31603 - 316L Stainless Barstock per ASTM A276	UNS S30300 - 303 Stainless Barstock per ASTM A-582	n/a	UNS A96061 - 6061 Aluminum per ASTM B-211	125	900	Pneumatic Input	7.2	-40°F to 140°F
39	Diaphragm Valve	n/a	23	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	3500	21000	Inlet/Outlet	6	-40°F to 140°F
40	Diaphragm Valve	n/a	24	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	3500	23000	Inlet/Outlet	6.57	-40°F to 140°F
41	Bulkhead Reducer	n/a	25	n/a	n/a	n/a	UNS C36000 - Brass Barstock per ASTM B-16	4500	25000	Inlet/Outlet	5.56	-40°F to 140°F
42	Tee	n/a	26	n/a	n/a	n/a	UNS C36000 - Brass Barstock per ASTM B-16	3000	21000	Inlet/Outlet	7	-40°F to 140°F
43	Tee	n/a	27	n/a	n/a	n/a	UNS S31603 - 316L Stainless Barstock per ASTM A276	3000	28000	Inlet/Outlet	6.67	-40°F to 140°F
44	Protocol Station Cross 1/4" NPT	n/a	28	n/a	n/a	n/a	UNS S31603 - 316L Stainless Barstock per ASTM A276	6000	32000	Inlet/Outlet	5.33	-40°F to 140°F

Z.C.

Z.C.

THIS IS PART OF
 CRN 045216.5R2
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program

Z.C. 6/5/19



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

August 13, 2018

JOHN FRIEDRICHS
CONTROLS CORPORATION OF AMERICA
1501 HARPERS RD
VIRGINIA BEACH VA 23454
US

Service Request Type.: BPV-National ACI Central
Service Request No.: 2324676
Your Reference No.:
Registered to.: CONTROLS CORPORATION OF AMERICA

Dear JOHN FRIEDRICHS,

Please find enclosed the original response from PEI,NS,NB,NFLD,YK,NWT,NU, registered under the CRN No.: 0H5216.59870YTNR2.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you. For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Tanya Francis
Administrative Assistant_ BPV Engineering
Tel.: 416-734-3423
Fax: 416-231-6183
Email :tfrancis@tssa.org

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURER'S NAME: CONTROLS CORPORATION OF AMERICA
 MANUFACTURER'S ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA
 PLANT LOCATION: (SAME)

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 fuel gas
 H Pressure retaining components that do not fall into one of the above categories
 N Nuclear components: Class 1 Class 2 Class 3 (Meeting AECB or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION

PROOF TEST
= 4 x MAX
DESIGN PRESSURE

SHOW MANUFACTURER'S NAME, TRADEMARK OR LOGO AS IT WILL APPEAR ON THE PRODUCT

SEE BELOW

TYPE OF CONSTRUCTION

FORGED WELDED WROUGHT
 CAST OTHER
 DESCRIBE OTHER: MACHINED BARSTOCK

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

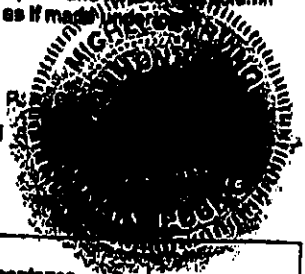
SCORE
TEST REPORTS AND REPRESENTATIVE SKETCHES
DESIGN DRAWINGS



DECLARATION:
 I JOHN FRIEDRICHUS (see note 2) employed by CONCOA 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 INTERTEC 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 Virginia Beach, VA
 This 9th day of April AD 2018
 Commissioner of Oaths or Notary Public: [Signature]

USE THIS SIDE OF OFFICIAL SEAL



(Affix Official seal to the right) # 701528 09/3/MAY 2022
 This space for Regulatory Authority use
 This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: 0H5216.5 REV2
 FID#: 614

ACCEPTED
 PROVINCE OF PRINCE EDWARD ISLAND
 COMMUNITIES, LAND & ENVIRONMENT
 C.R.N. 0H5216.59 REV2
 DATE: June 22 2018
[Signature]
 INSPECTION SERVICES SECTION
 BOILER/PRESSURE VESSEL BRANCH

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: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	
<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><input checked="" type="checkbox"/> 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><u>PROOF TEST</u> <u>= 4 x MAX</u> <u>DESIGN PRESSURE</u></p>
<p>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</p> <p><u>SEE BELOW</u></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 checked="" type="checkbox"/></p> <p>DESCRIBE OTHER: <u>MACHINED BAR STOCK</u></p>
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p><u>SCORE</u></p> <p><u>TEST REPORTS AND REPRESENTATIVE SKETCHES</u></p> <p><u>DESIGN DRAWINGS</u></p>	

DECLARATION:

I JOHN FRIEDRICH (and wife if employed by CONCOR) 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 INTERTEK 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.

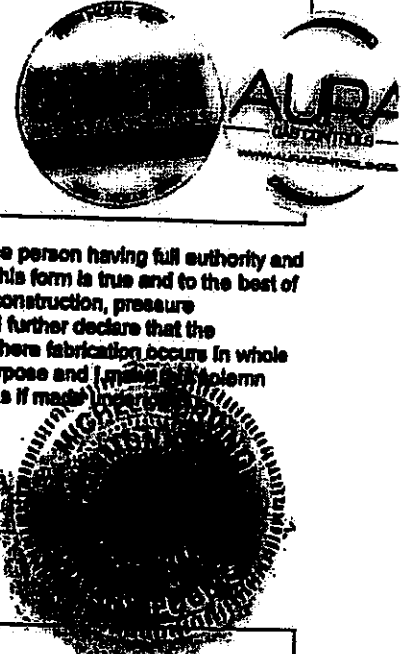
Signature of Declarer: [Signature]

Declared before me at Virginia Beach, VA

This 4th day of April AD 2018

Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) #701528 EX 3 MAY 2022

This space for Regulatory Authority use

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

CRN: 0H5216.5 REV2

FID#: 614

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.

BOILER & PRESSURE VESSEL
 NOVA SCOTIA
 Date: June 22/18
 C.R.N. 0H5216.58REV2
 DWG: as described
 Signed: Yvonne Perry
1 of 1
 Part
 ACT & REGULATIONS

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: CONTROLS CORPORATION OF AMERICA
 MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA
 PLANT LOCATIONS: (SAME)

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 Class 2 Class 3 , (Meeting AECP or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION

PROOF TEST
= 4 x MAX
DESIGN PRESSURE

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

SEE BELOW

TYPE OF CONSTRUCTION
 FORGED WELDED WROUGHT
 CAST OTHER
 DESCRIBE OTHER: MACHINED BARSTOCK

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

SCORE
TEST REPORTS AND REPRESENTATIVE SKETCHES
DESIGN DRAWINGS

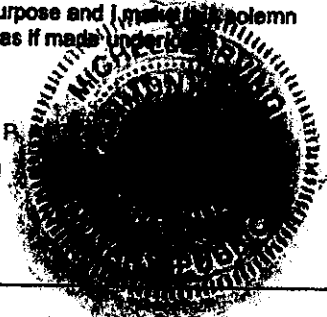


DECLARATION:

I JOHN FRIEDRICH (see note 3) employed by CONCOR 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 INTERTEK 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 Virginia Beach, VA
 This 9th day of April AD 2018
 Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) # 7015528 EX 31 MAY 2022

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

Brunswick
 DEPT OF PUBLIC SAFETY
 BOILER & PRESSURE VESSEL ACT

REGISTRATION ONLY
 CRN: OH5216.5 REV2
 FID#: 614

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.

EXAMINER: [Signature]
 or
 CHIEF INSPECTOR

DATE: 6/22/2018

BLRs PVs
 FITTINGS COMPONENTS

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUMAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: CONTROLS CORPORATION OF AMERICA
 MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA
 PLANT LOCATIONS: (SAME)

CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
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 <input checked="" type="checkbox"/> 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)	<u>PROOF TEST</u> <u>= 4 x MAX</u> <u>DESIGN PRESSURE</u>

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION
<u>SEE BELOW</u>	FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER: <u>MACHINED BARSTOCK</u>

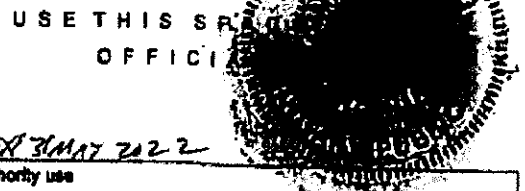
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

SCORE
TEST REPORTS AND REPRESENTATIVE SKETCHES
DESIGN DRAWINGS



DECLARATION:
 I JOHN FRIEDRICH (see note 3) employed by CONCOA 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 W. BARTER 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 Virginia Beach, VA
 This 4th day of April AD 2018
 Commissioner of Oaths or Notary Public: (sign) [Signature]



(Affix Official seal to the right) # 701528 EX 31 MAY 2022

This space for Regulatory Authority use

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

CRN: 0H5216.5 REV2
 FID#: 614

Newfoundland
 Labrador
 Service NL

Registered 0H5216.50 REV 2
 Date 26 JUNE 2018
 Engineering and Inspection Services
 Registered by [Signature]

UNDER THE AUTHORITY OF THE
 PUBLIC SAFETY ACT AND
 THE BOILER, PRESSURE VESSEL AND
 COMPRESSED GAS REGULATIONS

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: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
<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 <input checked="" type="checkbox"/> 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 AEGB or ASME requirements)</p>	<p align="center">TITLE OF THE STANDARD OF CONSTRUCTION</p> <p align="center">PROOF TEST = 4 x MAX DESIGN PRESSURE</p>
<p>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</p> <p align="center">SEE BELOW</p>	<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 checked="" type="checkbox"/> DESCRIBE OTHER: MACHINED BARSTOCK</p>
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p>SCORE TEST REPORTS AND REPRESENTATIVE SKETCHES DESIGN DRAWINGS</p>	

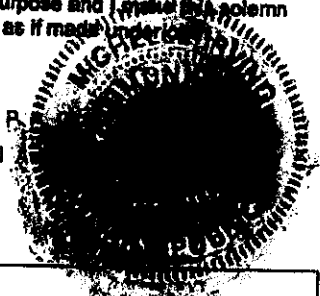


DECLARATION:

I JOHN FRIEDRICH (see note 3) employed by CONCOR 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 INTEAR 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 Virginia Beach, VA
 This 9th day of April AD 2018
 Commissioner of Oaths or Notary Public: [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) # 705528 EX 31 MAY 2022

This space for Regulatory Authority use

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

CRN: 0H5216.5 REV2
 FID#: 614

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: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
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 alarm 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 <input checked="" type="checkbox"/> 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 AECS or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION <u>PROOF TEST</u> <u>= 4 x MAX</u> <u>DESIGN PRESSURE</u>
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT <u>SEE BELOW</u>	TYPE OF CONSTRUCTION FORGED OR WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER: <u>MACHINED BARSTOCK</u>
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: <u>SCORE</u> <u>TEST REPORTS AND REPRESENTATIVE SKETCHES</u> <u>DESIGN DRAWINGS</u>	



DECLARATION:
 I, JOHN FRIEDRICH (was made by) employed by CONCOR 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 INTEGRAL 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 Virginia Beach, VA
 This 9th day of April AD 2018
 Commissioner of Oaths or Notary Public: [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) # 201828 093MAY2018

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

CRN: 0H5216.5 REV2
 FID#: 614

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.

Northwest Territories
REGISTERED
 UNDER THE AUTHORITY OF
 THE BOILER AND PRESSURE
 VESSEL ACT.
 C.R.N. 0H5216.5T REV2
 SIGNED [Signature]
 DATE March 22 2018

6500

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>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	
<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 <input checked="" type="radio"/> 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 AEGB or ASME requirements)</p>	<p>TITLE OF THE STANDARD OF CONSTRUCTION</p> <p align="center">PROOF TEST = 4 x MAX DESIGN PRESSURE</p>
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	
<p>SEE BELOW</p>	<p>TYPE OF CONSTRUCTION</p> <p>FORMED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER:</p> <p align="center">MACHINED BARSTOCK</p>
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:	
<p>SCORE</p> <p>TEST REPORTS AND REPRESENTATIVE SKETCHES</p> <p>DESIGN DRAWINGS</p>	



DECLARATION:

I JOHN FRIEDRICH (Print Name) employed by CONCOR 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 INTERTEK 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 Virginia Beach, VA
 This 9th day of June AD 2018
 Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



<p>(Affix Official seal to the right) # 7015 28 27 MAY 2018</p> <p align="center">This space for Regulatory Authority Use This registration must be revalidated after ten (10) years from the date of registration.</p> <p>CRN: <u>OH5216.5 REV2</u> FID#: <u>614</u></p> <p>Note: 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.</p>	<p align="center">NUNAVUT Boilers and Pressure Vessels Act</p> <p align="center">REGISTERED</p> <p>CRN <u>OH5216.5N REV2</u> Date <u>June 22, 2018</u> Signed <u>[Signature]</u> Chief Inspector</p>
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Territorial Registration Fee



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

August 13, 2018

JOHN FRIEDRICHS
CONTROLS CORPORATION OF AMERICA
1501 HARPERS RD
VIRGINIA BEACH VA 23454
US

Service Request Type.: BPV-National ACI Central
Service Request No.: 2324676
Your Reference No.:
Registered to.: CONTROLS CORPORATION OF AMERICA

Dear JOHN FRIEDRICHS,

Please find enclosed the original response from PEI,NS,NB,NFLD,YK,NWT,NU, registered under the CRN No.: 0H5216.59870YTNR2.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you. For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Tanya Francis
Administrative Assistant_ BPV Engineering
Tel.: 416-734-3423
Fax: 416-231-6183
Email :tfrancis@tssa.org

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURER'S NAME: CONTROLS CORPORATION OF AMERICA
 MANUFACTURER'S ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA
 PLANT LOCATION: (SAME)

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 fuel gas
 H Pressure retaining components that do not fall into one of the above categories
 N Nuclear components: Class 1 Class 2 Class 3 (Meeting AECB or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION

PROOF TEST
= 4 x MAX
DESIGN PRESSURE

SHOW MANUFACTURER'S NAME, TRADEMARK OR LOGO AS IT WILL APPEAR ON THE PRODUCT

SEE BELOW

TYPE OF CONSTRUCTION

FORGED WELDED WROUGHT
 CAST OTHER
 DESCRIBE OTHER: MACHINED BARSTOCK

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

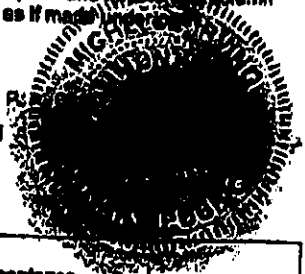
SCORE
TEST REPORTS AND REPRESENTATIVE SKETCHES
DESIGN DRAWINGS



DECLARATION:
 I JOHN FRIEDRICHUS (see note 2) employed by CONCOA 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 INTERTEC 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 Virginia Beach, VA
 This 9th day of April AD 2018
 Commissioner of Oaths or Notary Public: [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) # 701528 09/3/MAY 2022
 This space for Regulatory Authority use
 This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: 0H5216.5 REV2
 FID#: 614

ACCEPTED
 PROVINCE OF PRINCE EDWARD ISLAND
 COMMUNITIES, LAND & ENVIRONMENT
 C.R.N. 0H5216.59 REV2
 DATE: June 22 2018
[Signature]
 INSPECTION SERVICES SECTION
 BOILER/PRESSURE VESSEL BRANCH

- 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 at a maximum interval of five (5) years.

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

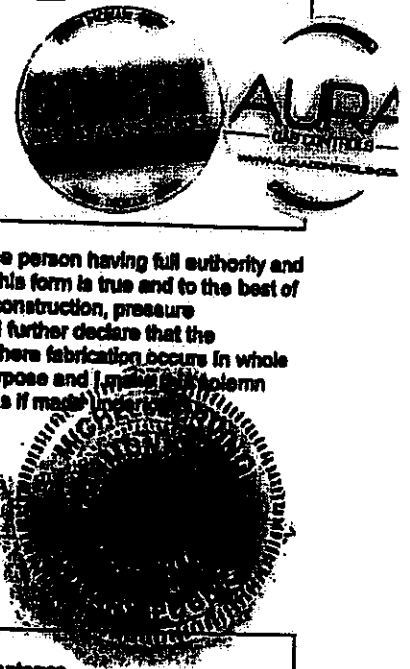
NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
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 <input checked="" type="checkbox"/> 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 <u>PROOF TEST</u> <u>= 4 x MAX</u> <u>DESIGN PRESSURE</u>
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT <u>SEE BELOW</u>	TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER: <u>MACHINED BAR STOCK</u>
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: <u>SCORE</u> <u>TEST REPORTS AND REPRESENTATIVE SKETCHES</u> <u>DESIGN DRAWINGS</u>	



DECLARATION:

I JOHN FRIEDRICH (and wife if employed by CONCOR) 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 INTERTEK 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 Virginia Beach, VA
 This 4th day of April AD 2018
 Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SPACE FOR OFFICIAL USE

(Affix Official seal to the right) #701528 EX 3 MAY 2022

This space for Regulatory Authority use

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

CRN: 0H5216.5 REV2
 FID#: 614

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.

BOILER & PRESSURE VESSEL
 NOVA SCOTIA
 Date June 22/18
 C.R.N. 0H5216.58REV2
 DWG: as described
 Signed Yvonne Perry
1 of 1
 Part
 ACT & REGULATIONS

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: CONTROLS CORPORATION OF AMERICA
 MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA
 PLANT LOCATIONS: (SAME)

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 Class 2 Class 3 , (Meeting AEGB or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION

PROOF TEST
= 4 x MAX
DESIGN PRESSURE

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

SEE BELOW

TYPE OF CONSTRUCTION
 FORGED WELDED WROUGHT
 CAST OTHER
 DESCRIBE OTHER: MACHINED BARSTOCK

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

SCORE
TEST REPORTS AND REPRESENTATIVE SKETCHES
DESIGN DRAWINGS

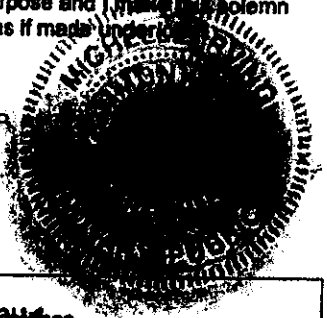


DECLARATION:

I JOHN FRIEDRICH (see note 3) employed by CONCOR 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 INTERTEK 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 Virginia Beach, VA
 This 9th day of April AD 2018
 Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) # 7015528 EX 31 MAY 2022

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

Brunswick
 DEPT OF PUBLIC SAFETY
 BOILER & PRESSURE VESSEL ACT

REGISTRATION ONLY
 CRN: OH5216.5 REV2
 FID#: 614

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.

EXAMINER: [Signature]
 or
 CHIEF INSPECTOR
 DATE: 6/22/2018

BLRs PVs
 FITTINGS COMPONENTS

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUMAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: CONTROLS CORPORATION OF AMERICA
 MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA
 PLANT LOCATIONS: (SAME)

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 Class 2 Class 3 (Meeting AECB or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION

PROOF TEST
= 4 x MAX
DESIGN PRESSURE

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

SEE BELOW

TYPE OF CONSTRUCTION

FORGED WELDED WROUGHT
 CAST OTHER
 DESCRIBE OTHER:
MACHINED BAR STOCK

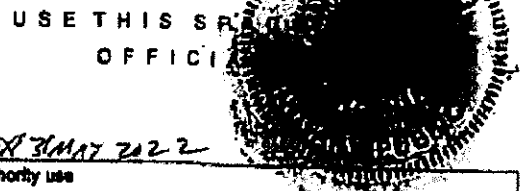
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

SCORE
TEST REPORTS AND REPRESENTATIVE SKETCHES
DESIGN DRAWINGS



DECLARATION:
 I JOHN FRIEDRICH (see note 3) employed by CONCOA 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 W. BARTER 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 Virginia Beach, VA
 This 4th day of April AD 2018
 Commissioner of Oaths or Notary Public: (sign) [Signature]



(Affix Official seal to the right) # 701528 EX 31 MAY 2022

This space for Regulatory Authority use

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

CRN: 0H5216.5 REV2
 FID#: 614

Newfoundland
 Labrador
 Service NL

Registered 0H5216.50 REV 2
 Date 26 JUNE 2018
 Engineering and Inspection Services
 Registered by [Signature]

UNDER THE AUTHORITY OF THE
 PUBLIC SAFETY ACT AND
 THE BOILER, PRESSURE VESSEL AND
 COMPRESSED GAS REGULATIONS

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: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
<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 <input checked="" type="checkbox"/> 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 AEGB or ASME requirements)</p>	<p align="center">TITLE OF THE STANDARD OF CONSTRUCTION</p> <p align="center">PROOF TEST = 4 x MAX DESIGN PRESSURE</p>
<p>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</p> <p align="center">SEE BELOW</p>	<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 checked="" type="checkbox"/> DESCRIBE OTHER: MACHINED BARSTOCK</p>
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p>SCORE TEST REPORTS AND REPRESENTATIVE SKETCHES DESIGN DRAWINGS</p>	

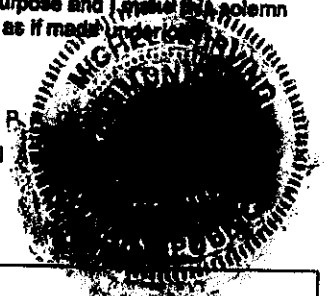


DECLARATION:

I JOHN FRIEDRICH (see note 3) employed by CONCOR 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 INTEAR 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 Virginia Beach, VA
 This 9th day of April AD 2018
 Commissioner of Oaths or Notary Public: [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) # 705528 EX 31 MAY 2022

This space for Regulatory Authority use

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

CRN: 0H5216.5 REV2
 FID#: 614

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: CONTROLS CORPORATION OF AMERICA
 MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA
 PLANT LOCATIONS: (SAME)

CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
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 <input checked="" type="checkbox"/> 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 AECS or ASME requirements)	<u>PROOF TEST</u> <u>= 4 x MAX</u> <u>DESIGN PRESSURE</u>

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION
<u>SEE BELOW</u>	FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER: <u>MACHINED BARSTOCK</u>

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

SCORE
TEST REPORTS AND REPRESENTATIVE SKETCHES
DESIGN DRAWINGS



DECLARATION:
 I, JOHN FRIEDRICH (was made by) employed by CONCOR 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 W. TRATEK 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 Virginia Beach, VA
 This 9th day of April AD 2018
 Commissioner of Oaths or Notary Public: [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) # 201828 093MAY2018

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

CRN: 0H5216.5 REV2
 FID#: 614

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.

Northwest Territories
REGISTERED
 UNDER THE AUTHORITY OF
 THE BOILER AND PRESSURE
 VESSEL ACT.
 C.R.N. 0H5216.5T REV2
 SIGNED [Signature]
 DATE March 22 2018

6500

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>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
<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 <input checked="" type="radio"/> H Pressure retaining components that do not fall into one of the above categories H Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/>. (Meeting AEGB or ASME requirements)</p>	<p align="center">TITLE OF THE STANDARD OF CONSTRUCTION</p> <p align="center"><u>PROOF TEST</u> <u>= 4 x MAX</u> <u>DESIGN PRESSURE</u></p>
<p>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</p> <p align="center"><u>SEE BELOW</u></p>	<p align="center">TYPE OF CONSTRUCTION</p> <p>FORMED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER: <u>MACHINED BARSTOCK</u></p>
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p><u>SCORE</u> <u>TEST REPORTS AND REPRESENTATIVE SKETCHES</u> <u>DESIGN DRAWINGS</u></p>	



DECLARATION:

I JOHN FRIEDRICH (Print Name) employed by CONCOR 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 INTERTEK 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 Virginia Beach, VA
 This 9th day of June AD 2018
 Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) # 7015 28 27 MAY 2018

This space for Regulatory Authority Use
 This registration must be revalidated after ten (10) years from the date of registration.

CRN: <u>OH5216.5 REV2</u>	 NUNAVUT Boilers and Pressure Vessels Act REGISTERED
FID#: <u>614</u>	
<p>Note:</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. 	CRN <u>OH5216.5N REV2</u> Date <u>June 22, 2018</u> Signed <u>[Signature]</u> Chief Inspector

Territorial Registration Fee



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

August 13, 2018

JOHN FRIEDRICHS
CONTROLS CORPORATION OF AMERICA
1501 HARPERS RD
VIRGINIA BEACH VA 23454
US

Service Request Type.: BPV-National ACI Central
Service Request No.: 2324676
Your Reference No.:
Registered to.: CONTROLS CORPORATION OF AMERICA

Dear JOHN FRIEDRICHS,

Please find enclosed the original response from PEI,NS,NB,NFLD,YK,NWT,NU, registered under the CRN No.: 0H5216.59870YTNR2.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you. For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Tanya Francis
Administrative Assistant_ BPV Engineering
Tel.: 416-734-3423
Fax: 416-231-6183
Email :tfrancis@tssa.org

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURER'S NAME: CONTROLS CORPORATION OF AMERICA
 MANUFACTURER'S ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA
 PLANT LOCATION: (SAME)

- 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 fuel gas
 - Pressure retaining components that do not fall into one of the above categories
 - H Nuclear components: Class 1 Class 2 Class 3 (Meeting AECB or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION

PROOF TEST
= 4 x MAX
DESIGN PRESSURE

SHOW MANUFACTURER'S NAME, TRADEMARK OR LOGO AS IT WILL APPEAR ON THE PRODUCT

SEE BELOW

TYPE OF CONSTRUCTION

FORGED WELDED WROUGHT
 CAST OTHER
 DESCRIBE OTHER: MACHINED BARSTOCK

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

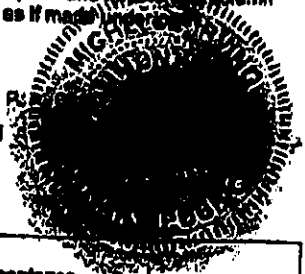
SCORE
TEST REPORTS AND REPRESENTATIVE SKETCHES
DESIGN DRAWINGS



DECLARATION:
 I JOHN FRIEDRICHUS (see note 2) employed by CONCOA 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 INTERTEC 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 Virginia Beach, VA
 This 9th day of April AD 2018
 Commissioner of Oaths or Notary Public: [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) # 715528 09/3/MAY 2022
 This space for Regulatory Authority use
 This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: 0H5216.5 REV2
 FID#: 614

ACCEPTED
 PROVINCE OF PRINCE EDWARD ISLAND
 COMMUNITIES, LAND & ENVIRONMENT
 C.R.N. 0H5216.59 REV2
 DATE: June 22 2018
[Signature]
 INSPECTION SERVICES SECTION
 BOILER/PRESSURE VESSEL BRANCH

- 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 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: CONTROLS CORPORATION OF AMERICA
 MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA
 PLANT LOCATIONS: (SAME)

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 Class 2 Class 3 . (Meeting AECB or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION
PROOF TEST = 4 x MAX DESIGN PRESSURE

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

SEE BELOW

TYPE OF CONSTRUCTION
 FORGED WELDED WROUGHT
 CAST OTHER
 DESCRIBE OTHER: MACHINED BAR STOCK

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

SCORE
TEST REPORTS AND REPRESENTATIVE SKETCHES
DESIGN DRAWINGS

DECLARATION:

I JOHN FRIEDRICH (and wife if employed by CONCOR) 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 INTERTEK 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.

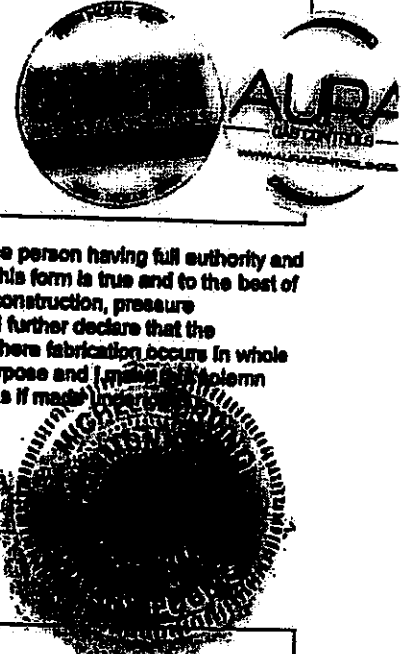
Signature of Declarer: [Signature]

Declared before me at Virginia Beach, VA

This 4th day of April AD 2018

Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) #701528 EX 3 MAY 2022

This space for Regulatory Authority use

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

CRN: 0H5216.5 REV2

FID#: 614

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.



C.R.N. 0H5216.5BREV2

Dwg: as described

Signed Yvonne Perry



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: CONTROLS CORPORATION OF AMERICA
 MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA
 PLANT LOCATIONS: (SAME)

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 Class 2 Class 3 (Meeting AECP or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION
PROOF TEST = 4 x MAX DESIGN PRESSURE

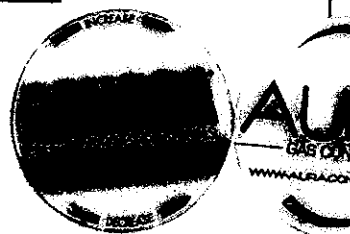
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

SEE BELOW

TYPE OF CONSTRUCTION
 FORGED WELDED WROUGHT
 CAST OTHER
 DESCRIBE OTHER: MACHINED BARSTOCK

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

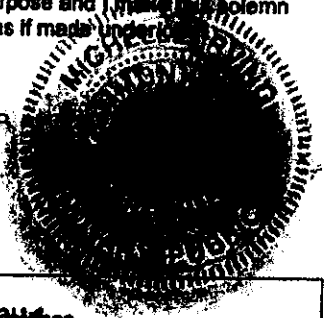
SCORE
TEST REPORTS AND REPRESENTATIVE SKETCHES
DESIGN DRAWINGS



DECLARATION:
 I JOHN FRIEDRICH (see note 3) employed by CONCOR 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 INTERTEK 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 Virginia Beach, VA
 This 4th day of April AD 2018
 Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) # 7015528 EX 31 MAY 2022

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

Brunswick
 DEPT OF PUBLIC SAFETY
 BOILER & PRESSURE VESSEL ACT

REGISTRATION ONLY
 CRN: OH5216.5 REV2
 FID#: 614

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.

EXAMINER: [Signature]
 or
 CHIEF QUALITY INSPECTOR

DATE: 6/22/2018

BLRs PVs
 FITTINGS COMPONENTS

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUMAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: CONTROLS CORPORATION OF AMERICA
 MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA
 PLANT LOCATIONS: (SAME)

CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
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 <input checked="" type="checkbox"/> 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)	<u>PROOF TEST</u> <u>= 4 x MAX</u> <u>DESIGN PRESSURE</u>

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION
<u>SEE BELOW</u>	FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER: <u>MACHINED BAR STOCK</u>

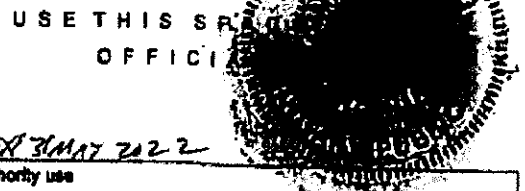
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

SCORE
TEST REPORTS AND REPRESENTATIVE SKETCHES
DESIGN DRAWINGS



DECLARATION: I, JOHN FRIEDRICH (see note 3) employed by CONCOA 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 W. BARTER 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 Virginia Beach, VA
 This 4th day of April AD 2018
 Commissioner of Oaths or Notary Public: (sign) [Signature]



(Affix Official seal to the right) # 701528 EX 31 MAY 2022

This space for Regulatory Authority use

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

CRN: 0H5216.5 REV2
 FID#: 614

Newfoundland
 Labrador
 Service NL

Registered 0H5216.50 REV 2
 Date 26 JUNE 2018
 Engineering and Inspection Services
 Registered by [Signature]

UNDER THE AUTHORITY OF THE
 PUBLIC SAFETY ACT AND
 THE BOILER, PRESSURE VESSEL AND
 COMPRESSED GAS REGULATIONS

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: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
<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 <input checked="" type="checkbox"/> 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 AEGB or ASME requirements)</p>	<p align="center">TITLE OF THE STANDARD OF CONSTRUCTION</p> <p align="center">PROOF TEST = 4 x MAX DESIGN PRESSURE</p>
<p>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</p> <p align="center">SEE BELOW</p>	<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 checked="" type="checkbox"/> DESCRIBE OTHER: MACHINED BARSTOCK</p>
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p>SCORE TEST REPORTS AND REPRESENTATIVE SKETCHES DESIGN DRAWINGS</p>	

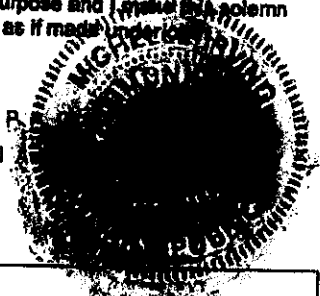


DECLARATION:

I JOHN FRIEDRICH (see note 3) employed by CONCOR 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 INTEAR 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 Virginia Beach, VA
 This 9th day of April AD 2018
 Commissioner of Oaths or Notary Public: [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) # 705528 EX 31 MAY 2022

This space for Regulatory Authority use

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

CRN: 0H5216.5 REV2
 FID#: 614

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: CONTROLS CORPORATION OF AMERICA
 MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA
 PLANT LOCATIONS: (SAME)

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 alarm 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 Class 2 Class 3 . (Meeting AECS or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION

PROOF TEST
= 4 x MAX
DESIGN PRESSURE

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

SEE BELOW

TYPE OF CONSTRUCTION

FORGED OR WELDED WROUGHT
 CAST OTHER
 DESCRIBE OTHER: MACHINED BARSTOCK

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

SCORE
TEST REPORTS AND REPRESENTATIVE SKETCHES
DESIGN DRAWINGS



DECLARATION:
 I JOHN FRIEDRICH (was made by) employed by CONCOR 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 W. TRATEK 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 Virginia Beach, VA
 This 9th day of April AD 2018
 Commissioner of Oaths or Notary Public: [Signature]

USE THIS SEAL OFFICIALLY



(Affix Official seal to the right) # 201828 0931MAY 2018

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

CRN: 0H5216.5 REV2
 FID#: 614

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.

Northwest Territories
REGISTERED
 UNDER THE AUTHORITY OF
 THE BOILER AND PRESSURE
 VESSEL ACT.
 C.R.N. 0H5216.5T REV2
 SIGNED [Signature]
 DATE APR 22 2018

6500

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>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
<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 <input checked="" type="radio"/> 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 AEGB or ASME requirements)</p>	<p align="center">TITLE OF THE STANDARD OF CONSTRUCTION</p> <p align="center"><u>PROOF TEST</u> <u>= 4 x MAX</u> <u>DESIGN PRESSURE</u></p>
<p>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</p> <p align="center"><u>SEE BELOW</u></p>	<p align="center">TYPE OF CONSTRUCTION</p> <p>FORMED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER: <u>MACHINED BARSTOCK</u></p>
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p><u>SCORE</u> <u>TEST REPORTS AND REPRESENTATIVE SKETCHES</u> <u>DESIGN DRAWINGS</u></p>	



DECLARATION:

I JOHN FRIEDRICH (from table 2) employed by CONCOR 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 INTERTEK 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 Virginia Beach, VA
 This 9th day of June AD 2018
 Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) # 7015 28 27 MAY 2018

This space for Regulatory Authority Use
 This registration must be revalidated after ten (10) years from the date of registration.

CRN: <u>OH5216.5 REV2</u> FID#: <u>614</u>	NUNAVUT Boilers and Pressure Vessels Act REGISTERED CRN <u>OH5216.5N REV2</u> Date <u>June 22, 2018</u> Signed <u>[Signature]</u> Chief Inspector
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- Note:**
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.

Territorial Registration Fee