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

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 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 FRIEDRICHS (see note 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 SEAL OFFICIALLY

(Affix Official seal to the right) # 704528 EXP 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

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

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 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 FRIEDRICHS (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 EXP 3 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

BOILER & PRESSURE VESSEL NOVA SCOTIA
Date June 22/18
C.R.N. OH5216.5 REV2
Dwg. as described
Signed Yvonne Perry
1 of 1
Part
ACT & 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 | NOVA SCOTIA | PRINCE EDWARD ISLAND | NEWFOUNDLAND AND LABRADOR
NUNAVUT | YUKON | NORTHWEST TERRITORIES

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 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 FRIEDRICHS (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]

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

USE THIS SPACE FOR OFFICIAL SEAL

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

New Brunswick
DEPT OF PUBLIC SAFETY
BOILER & PRESSURE VESSEL ACT

REGISTRATION ONLY

CRN OH5216.57 Rev2

EXAMINER [signature]

or

CHIEF BOILER INSPECTOR

DATE 6/22/2018

☐ BLRs ☐ PVs

☒ FITTINGS ☐ COMPONENTS

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

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 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 FRIEDRICHS (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: _____

Declared before me at Virginia Beach, VA

This 4th day of April AD 2018

Commissioner of Oaths or Notary Public: (sign) _____

USE THIS SEAL OFFICIALLY

(Affix Official seal to the right) #701528 EXP 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 REV2

Date 26 JUNE 2018

Engineering and Inspection Services

Registered by _____

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

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 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 FRIEDRICHS (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: _____

Declared before me at Virginia Beach, VA

This 9TH day of April AD 2018

Commissioner of Oaths or Notary Public: (sign) _____

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

USE THIS SPACE FOR OFFICIAL USE

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

0H5216.5YREV2
DATE 6/26/2018

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

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 BARSTOCK

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

SCOPE
TEST REPORTS AND REPRESENTATIVE SKETCHES
DESIGN DRAWINGS

DECLARATION:

I JOHN FRIEDRICHS (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: _____

Declared before me at Virginia Beach, VA

This 4th day of June AD 2018

Commissioner of Oaths or Notary Public: (sign) _____

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

USE THIS SPACE FOR OFFICIAL SEAL

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

65.00

Northwest Territories
REGISTERED
UNDER THE AUTHORITY OF THE BOILER AND PRESSURE VESSEL ACT.
C.R.N. 0H5216.5T Rev2
SIGNED _____
DATE June 22/2018

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

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
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E Strainers, filters, separators, and steam traps
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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

FORMED ☒ 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

[redacted] AURA GAS CONTROLS WWW.AURAGASCONTROLS.COM

DECLARATION:

I JOHN FRIEDRICHS (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 June AD 2018

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

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

USE THIS SPACE FOR OFFICIAL USE [redacted]

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

Notes:
1. All fittings shall be registered in the name of the Manufacturer.
2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.

Nunavut

NUNAVUT
Boilers and Pressure Vessels Act
REGISTERED
CRN OH5216.5N Rev2
Date June 22, 2018
Signed [signature]
Chief Inspector

Territorial Registration Fee

TECHNICAL SAFETY BC

Vancouver, BC V5M 4T5
Toll Free: 1-866-566-7233
www.technicalsafetybc.ca

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@technicalsafetybc.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)
	45mm Bonnet		
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 contruction: 301, 302, 303, 304, 305, 306, 307, 311, 312, 313, 315, 325, 5GH, 601, 3070, 4500, 4800, 5100, 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 contruction: 401, 402, 403, 404, 405, 411, 412, 414, 416, 423, 435, 438, 460, 463, 465, 470, 491, 496, 498, 619, EXLC, EX2C, EXDC, P1B, P2B, P5B, P6C)	N/A
	65mm 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 contruction: 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 contruction: 6600, 6700)
	1-5/8 16 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 contruction: 492, 530)	N/A
	2-16 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 contruction: 622, 623, 6200, 678, 676, 8056700)	N/A
	2-1/16 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 contruction:* 4400, 5500, 5600, 5700, 8000, 150, 152, 155, 160, 162, 165, 308)	N/A
	1-5/8 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 contruction: 1400)	N/A
	65mm Bonnet		
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 contruction: 455)

TECHNICAL SAFETY BC

CRN #: 0H5216.51

Date: June 13, 2018

BC J#: 70974

THIS IS PART OF CRN 0H5216.5R2

Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program

6/5/13

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)
	45mm Bonnet		
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 contruction: 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 contruction: 415, 417, 420, 424, 425, 426, 427, 428, 429, 430, 432, 433, 445, 461, 454, 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 contruction: EX1G, EX1S, EX1P, EX2G, EX2S, EX8G, EX8S, EX0S, EXV5)
	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 contruction: 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 contruction: EXF5, EXF6)
	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 contruction: 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 contruction: 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 contruction: 8309150-22, etc.)
TEST-35 **CONCOA Transducers.** *Design Pressure: 6000 psig / Observed Burst Pressure: 40000 psi* (The following series are examples of this contruction: 8309150-23, etc.)

TECHNICAL SAFETY BC

CRN #: OH5216.51

Date: June 18, 2018

BC J#: 709744

THIS IS PART OF CRN OH5216.5R2

Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program

6/5/'18 T.C.

BURST TEST RESULTS SUMMARY - REV 1

Test No	Test Description	Geometry Drawing	Stretch	Body	Bonnet	Seat Nozzle	Outer 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
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	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	5900	26000	Inlet	4.41	-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 65mm 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	Provocal 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	4.73	-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	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	23	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	20000	Inlet/Outlet	6.67	-40°F to 140°F
44	Provocal Station Cross 1/4" NPT	n/a	28	n/a	n/a	n/a	UNS S31603 - 316L Stainless Barstock per ASTM A276	6000	33000	Inlet/Outlet	5.33	-40°F to 140°F

Z.C.

Z.C.

TECHNICAL SAFETY BC

CRN #: 0H5216.51

Date: June 18, 2018

BC J#: 70974

THIS IS PART OF CRN 0H5216.5R2
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program

Z.C. 6/5/'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

Régie du bâtiment Québec

Statutory Declaration Registration of Fittings

REGISTERED CRN: CSA-OH5216.56R2
Registration Process administered by CSA Group per ASA B51

(a) Design Qualification

I[1] 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 fittings[2] covered by this declaration, for which I seek registration, are Category ~~A~~ H 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 ~~State~~ of Virginia
The 4th Day of April AD ~~18~~ 2018

Michelle Trumpf
A (commissioner for oaths)
#7215528 31MAY2022

Signature of Declarer[3]

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-OH5216.56R2

For the Chief Inspector 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 plan~~t where the fitting is~~ produced.***

P:\USAGERS\RECPSK1\CORBIN\STATUTORY DECLARATION REGISTRATION OF FITTINGS.DOC
u:\corbin\anglais-complet
[2003-03-31]

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

CSA Group

REGISTERED

CRN: CSA-OH5016.56R2

Registration Process administered by CSA Group per CSA B51

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

Signed: [illegible]

Date: 8 Aug 2018

Technical Safety Authority of Saskatchewan

2202 2nd Ave.
Regina, SK S4R 1K3
PH: (306)798-7112 Toll Free: (866)530-8599
FAX: (306)787-9273 Toll Free: (866)760-9255
Email: boilerpermits@tsask.ca
Website: www.tsask.ca

Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, 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 (Plant Address – Apt/Street) Virginia Beach, VA (City,Prov) 23454 (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 _____ (title of recognized North American Standard) 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 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

REGISTERED CSA Group
CRN: CSA-OH5216.56R2
Registration Process administered by

II. Declaration

DECLARED before me at Virginia Beach In the STATE of Virginia
this 4TH day of April, 2018

Michelle Irving (print name) (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-OH5216.56R2	Aug. 08. 2018	Jun. 05. 2028
(Registration Number)	(Date Registered – MM DD YYYY) (For the Administrator – Chief Inspector)	(Expiry Date – MM DD YYYY) A. BANWATT

CSA Group

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

CSA Group

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

Signed: [illegible]

Date: 8 Aug 2018

REGISTERED

CRN: CSA-OH5216.56R2

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

CSA Group 1 of 4
ATTACHMENT TO
CRN CSA-0H5216.5R2
Signed:
178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

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
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	28000	Inlet	4.67	-40°F to 140°F
9	Stainless Barstock Body with M20 Capsule Thread Inlet Pressure Test	8	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	350	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	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	-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 65mm 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 2-5/8-16 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	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	-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-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	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	20000	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

2.6.

2.6.

CSA GROUP 2 OF 4

ATTACHMENT TO
C.R.N. CSA-OH 5216.5 (R2)
Signed: [illegible]
178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

THIS IS PART OF
CRN OH5216.5R2
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program

2.6. 6/5/'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)	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*	**45mm Bonnet**		
	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 contruction: 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 contruction: 401, 402, 403, 404, 405, 411, 412, 414, 416, 423, 435, 438, 460, 463, 465, 470, 491, 496, 498, 619, EX1C, EX2C, EXDC, P18, P28, P58, P6C)	N/A
	65mm 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 contruction: 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 contruction: 6600, 6700)
	1-5/8 16 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 contruction: 492, 530)	N/A
	2-16 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 contruction: 622, 623, 6200, 678, 676, 3056/XX)	N/A
TEST-6 Brass Barstock Body with 5/8-24 Capsule Thread *Design Inlet Pressure: 6000 psig / Observed Burst Pressure: 28000 psi*	**2-1/16 16 Bonnet**		
	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 contruction:* 4400, 5500, 5600, 5700, 8000, 150, 152, 155, 160, 162, 166, 308)	N/A
	1-5/8 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 contruction: 1400)	N/A
TEST-10 Forged Brass Body with M20 Capsule Thread *Design Inlet Pressure: 5500 psig / Observed Burst Pressure: 26000 psi*	**65mm Bonnet**		
	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 contruction: 455)

3 OF 4

ATTACHMENT TO
C.R.N. CSA-0H5216.5R2
Signed:
179 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

THIS IS PART OF
CRN 0H5216.5R2
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program

6/5/13

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)
	45mm Bonnet		
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 contruction: 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 contruction: 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 contruction: EX1G, EX1S, EX1P, EX2G, 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 contruction: 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 contruction: 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.** *Design Outlet Pressure: 6000 psig / Observed Burst Pressure: 29000 psi* (The following series are examples of this contruction: 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 contruction: 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 contruction: 8309150-22, etc.)
TEST-35 **CONCOA Transducers.** *Design Pressure: 6000 psig / Observed Burst Pressure: 40000 psi* (The following series are examples of this contruction: 8309150-23, etc.)

CSA Group 4 OF 4

ATTACHMENT TO

C.R.N. CSA-OH5216.56R2

Signed: [illegible]

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
6/5/'18 Z.G.

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

anufactu[illegible] INCREASE [illegible]demark, as it will
he f[illegible] [illegible]low

AURA GAS CONTROLS WWW.AURACONTROLS.COM
CONCOA PRECISION GAS CONTROLS
DECREASE

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 — 757 422 8330 — 757 422 3125
(Plant Address) *(Telephone No.)* *(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 20**18.

Commissioner for Oaths:

Michelle Irving
(Printed name)

(Signature) #701552B EXP 31MAY2022

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: ØH5216.54

Registered by: RABIE HARB

Dated: 2018/09/25

Inspection & Technical Services Manitoba — Office of the Fire Commissioner
Manitoba
REGISTERED
C.R.N.: ØH5216.54
Signed: Rabie Harb
Date: 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.*

PV 09553 (04/17)

CERTIFIED
TRUE COPY

Date: June 5/18

Signature:

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

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*	**45mm Bonnet**		
	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 contruction: 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 contruction: 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
	65mm 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 contruction: 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 contruction: 6600, 6700)
	1-5/8 16 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 contruction: 492, 530)	N/A
	2-16 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 contruction: 622, 623, 6200, 67B, 676, 80567XX)	N/A
TEST-6 Brass Barstock Body with 5/8-24 Capsule Thread *Design Inlet Pressure: 6000 psig / Observed Burst Pressure: 28000 psi*	**2-1/16 16 Bonnet**		
	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 contruction:* 4400, 5500, 5600, 5700, 8000, 150, 152, 155, 160, 162, 165, 308)	N/A
	1-5/8 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 contruction: 1400)	N/A
TEST-10 Forged Brass Body with M20 Capsule Thread *Design Inlet Pressure: 5500 psig / Observed Burst Pressure: 26000 psi*	**65mm Bonnet**		
	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 contruction: 455)

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 contruction: 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 contruction: 415, 417, 420, 424, 425, 426, 427, 428, 429, 430, 432, 433, 445, 462, 464, 467, 480, 495, 497, 499, , P1S, P2S, P5S, P6S)	**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 contruction: EX1G, EX1S, EX1P, EX2G, 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 contruction: 484, 486, P3S, P4S)	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 contruction: 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.** *Design Outlet Pressure: 6000 psig / Observed Burst Pressure: 29000 psi* (The following series are examples of this contruction: 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 contruction: 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 contruction: 8309150-22, etc.)
TEST-35 **CONCOA Transducers.** *Design Pressure: 6000 psig / Observed Burst Pressure: 40000 psi* (The following series are examples of this contruction: 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

Régie du bâtiment Québec

Statutory Declaration Registration of Fittings

REGISTERED CRN: CSA-OH5216.56R2
Registration Process administered by CSA Group per ASA B51

(a) Design Qualification

I[1] 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 fittings[2] covered by this declaration, for which I seek registration, are Category ~~A~~ H 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 ~~State~~ of Virginia
The 4th Day of April AD ~~18~~ 2018

Michelle Trumpf
A (commissioner for oaths)
#7215528 31MAY2022

Signature of Declarer[3]

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-OH5216.56R2

For the Chief Inspector 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 plan~~t where the fitting is~~ produced.***

P:\USAGERS\RECPSK1\CORBIN\STATUTORY DECLARATION REGISTRATION OF FITTINGS.DOC
u:\corbin\anglais-complet
[2003-03-31]

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

CSA Group

REGISTERED

CRN: CSA-OH5016.56R2

Registration Process administered by CSA Group per CSA B51

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

Signed: [illegible]

Date: 8 Aug 2018

Technical Safety Authority of Saskatchewan

2202 2nd Ave.
Regina, SK S4R 1K3
PH: (306)798-7112 Toll Free: (866)530-8599
FAX: (306)787-9273 Toll Free: (866)760-9255
Email: boilerpermits@tsask.ca
Website: www.tsask.ca

Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, 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 (Plant Address – Apt/Street) Virginia Beach, VA (City,Prov) 23454 (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 _____ (title of recognized North American Standard) 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 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

REGISTERED CSA Group
CRN: CSA-OH5216.56R2
Registration Process administered by

II. Declaration

DECLARED before me at Virginia Beach In the STATE of Virginia
this 4TH day of April, 2018

Michelle Irving (print name) (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-OH5216.56R2	Aug. 08. 2018	Jun. 05. 2028
(Registration Number)	(Date Registered – MM DD YYYY) (For the Administrator – Chief Inspector)	(Expiry Date – MM DD YYYY) A. BANWATT

CSA Group

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

CSA Group

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

Signed: [illegible]

Date: 8 Aug 2018

REGISTERED

CRN: CSA-OH5216.56R2

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

CSA Group 1 of 4
ATTACHMENT TO
CRN CSA-0H5216.5R2
Signed:
178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

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
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	28000	Inlet	4.67	-40°F to 140°F
9	Stainless Barstock Body with M20 Capsule Thread Inlet Pressure Test	8	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	350	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	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	-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 65mm 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 2-5/8-16 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	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	-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-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	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	20000	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

2.6.

2.6.

CSA GROUP 2 OF 4

ATTACHMENT TO
C.R.N. CSA-OH 5216.5 (R2)
Signed: [illegible]
178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

THIS IS PART OF
CRN OH5216.5R2
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program

2.6. 6/5/'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)	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*	**45mm Bonnet**		
	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 contruction: 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 contruction: 401, 402, 403, 404, 405, 411, 412, 414, 416, 423, 435, 438, 460, 463, 465, 470, 491, 496, 498, 619, EX1C, EX2C, EXDC, P18, P28, P58, P6C)	N/A
	65mm 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 contruction: 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 contruction: 6600, 6700)
	1-5/8 16 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 contruction: 492, 530)	N/A
	2-16 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 contruction: 622, 623, 6200, 678, 676, 3056/XX)	N/A
TEST-6 Brass Barstock Body with 5/8-24 Capsule Thread *Design Inlet Pressure: 6000 psig / Observed Burst Pressure: 28000 psi*	**2-1/16 16 Bonnet**		
	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 contruction:* 4400, 5500, 5600, 5700, 8000, 150, 152, 155, 160, 162, 166, 308)	N/A
	1-5/8 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 contruction: 1400)	N/A
TEST-10 Forged Brass Body with M20 Capsule Thread *Design Inlet Pressure: 5500 psig / Observed Burst Pressure: 26000 psi*	**65mm Bonnet**		
	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 contruction: 455)

3 OF 4

ATTACHMENT TO
C.R.N. CSA-0H5216.5R2
Signed:
179 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

THIS IS PART OF
CRN 0H5216.5R2
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program

6/5/13

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)
	45mm Bonnet		
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 contruction: 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 contruction: 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 contruction: EX1G, EX1S, EX1P, EX2G, 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 contruction: 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 contruction: 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.** *Design Outlet Pressure: 6000 psig / Observed Burst Pressure: 29000 psi* (The following series are examples of this contruction: 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 contruction: 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 contruction: 8309150-22, etc.)
TEST-35 **CONCOA Transducers.** *Design Pressure: 6000 psig / Observed Burst Pressure: 40000 psi* (The following series are examples of this contruction: 8309150-23, etc.)

CSA Group 4 OF 4

ATTACHMENT TO

C.R.N. CSA-OH5216.56R2

Signed: [illegible]

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
6/5/'18 Z.G.

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

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 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 FRIEDRICHS (see note 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 SEAL OFFICIALLY

(Affix Official seal to the right) # 704528 EXP 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

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

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 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 FRIEDRICHS (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 EXP 3 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

BOILER & PRESSURE VESSEL NOVA SCOTIA
Date June 22/18
C.R.N. OH5216.5 REV2
Dwg. as described
Signed Yvonne Perry
1 of 1
Part
ACT & 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 | NOVA SCOTIA | PRINCE EDWARD ISLAND | NEWFOUNDLAND AND LABRADOR
NUNAVUT | YUKON | NORTHWEST TERRITORIES

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 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 FRIEDRICHS (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]

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

USE THIS SPACE FOR OFFICIAL SEAL

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

New Brunswick
DEPT OF PUBLIC SAFETY
BOILER & PRESSURE VESSEL ACT

REGISTRATION ONLY

CRN OH5216.57 Rev2

EXAMINER [signature]

or

CHIEF BOILER INSPECTOR

DATE 6/22/2018

☐ BLRs ☐ PVs

☒ FITTINGS ☐ COMPONENTS

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

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 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 FRIEDRICHS (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: _____

Declared before me at Virginia Beach, VA

This 4th day of April AD 2018

Commissioner of Oaths or Notary Public: (sign) _____

USE THIS SEAL OFFICIALLY

(Affix Official seal to the right) #701528 EXP 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 REV2

Date 26 JUNE 2018

Engineering and Inspection Services

Registered by _____

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

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 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 FRIEDRICHS (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: _____

Declared before me at Virginia Beach, VA

This 9TH day of April AD 2018

Commissioner of Oaths or Notary Public: (sign) _____

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

USE THIS SPACE FOR OFFICIAL USE

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

0H5216.5YREV2
DATE 6/26/2018

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

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 BARSTOCK

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

SCOPE
TEST REPORTS AND REPRESENTATIVE SKETCHES
DESIGN DRAWINGS

DECLARATION:

I JOHN FRIEDRICHS (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: _____

Declared before me at Virginia Beach, VA

This 4th day of June AD 2018

Commissioner of Oaths or Notary Public: (sign) _____

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

USE THIS SPACE FOR OFFICIAL SEAL

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

65.00

Northwest Territories
REGISTERED
UNDER THE AUTHORITY OF THE BOILER AND PRESSURE VESSEL ACT.
C.R.N. 0H5216.5T Rev2
SIGNED _____
DATE June 22/2018

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

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

FORMED ☒ 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

[redacted] AURA GAS CONTROLS WWW.AURAGASCONTROLS.COM

DECLARATION:

I JOHN FRIEDRICHS (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 June AD 2018

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

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

USE THIS SPACE FOR OFFICIAL USE [redacted]

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

Notes:
1. All fittings shall be registered in the name of the Manufacturer.
2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.

Nunavut

NUNAVUT
Boilers and Pressure Vessels Act
REGISTERED
CRN OH5216.5N Rev2
Date June 22, 2018
Signed [signature]
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

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 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 FRIEDRICHS (see note 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 SEAL OFFICIALLY

(Affix Official seal to the right) # 704528 EXP 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

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

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 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 FRIEDRICHS (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 EXP 3 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

BOILER & PRESSURE VESSEL NOVA SCOTIA
Date June 22/18
C.R.N. OH5216.5 REV2
Dwg. as described
Signed Yvonne Perry
1 of 1
Part
ACT & 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 | NOVA SCOTIA | PRINCE EDWARD ISLAND | NEWFOUNDLAND AND LABRADOR
NUNAVUT | YUKON | NORTHWEST TERRITORIES

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 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 FRIEDRICHS (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]

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

USE THIS SPACE FOR OFFICIAL SEAL

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

New Brunswick
DEPT OF PUBLIC SAFETY
BOILER & PRESSURE VESSEL ACT

REGISTRATION ONLY

CRN OH5216.57 Rev2

EXAMINER [signature]

or

CHIEF BOILER INSPECTOR

DATE 6/22/2018

☐ BLRs ☐ PVs

☒ FITTINGS ☐ COMPONENTS

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

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 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 FRIEDRICHS (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: _____

Declared before me at Virginia Beach, VA

This 4th day of April AD 2018

Commissioner of Oaths or Notary Public: (sign) _____

USE THIS SEAL OFFICIALLY

(Affix Official seal to the right) #701528 EXP 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 REV2

Date 26 JUNE 2018

Engineering and Inspection Services

Registered by _____

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

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 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 FRIEDRICHS (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: _____

Declared before me at Virginia Beach, VA

This 9TH day of April AD 2018

Commissioner of Oaths or Notary Public: (sign) _____

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

USE THIS SPACE FOR OFFICIAL USE

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

0H5216.5YREV2
DATE 6/26/2018

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

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 BARSTOCK

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

SCOPE
TEST REPORTS AND REPRESENTATIVE SKETCHES
DESIGN DRAWINGS

DECLARATION:

I JOHN FRIEDRICHS (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: _____

Declared before me at Virginia Beach, VA

This 4th day of June AD 2018

Commissioner of Oaths or Notary Public: (sign) _____

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

USE THIS SPACE FOR OFFICIAL SEAL

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

65.00

Northwest Territories
REGISTERED
UNDER THE AUTHORITY OF THE BOILER AND PRESSURE VESSEL ACT.
C.R.N. 0H5216.5T Rev2
SIGNED _____
DATE June 22/2018

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

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
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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

FORMED ☒ 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

[redacted] AURA GAS CONTROLS WWW.AURAGASCONTROLS.COM

DECLARATION:

I JOHN FRIEDRICHS (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 June AD 2018

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

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

USE THIS SPACE FOR OFFICIAL USE [redacted]

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

Notes:
1. All fittings shall be registered in the name of the Manufacturer.
2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.

Nunavut

NUNAVUT
Boilers and Pressure Vessels Act
REGISTERED
CRN OH5216.5N Rev2
Date June 22, 2018
Signed [signature]
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

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 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 FRIEDRICHS (see note 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 SEAL OFFICIALLY

(Affix Official seal to the right) # 704528 EXP 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

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

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 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 FRIEDRICHS (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 EXP 3 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

BOILER & PRESSURE VESSEL NOVA SCOTIA
Date June 22/18
C.R.N. OH5216.5 REV2
Dwg. as described
Signed Yvonne Perry
1 of 1
Part
ACT & 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 | NOVA SCOTIA | PRINCE EDWARD ISLAND | NEWFOUNDLAND AND LABRADOR
NUNAVUT | YUKON | NORTHWEST TERRITORIES

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 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 FRIEDRICHS (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]

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

USE THIS SPACE FOR OFFICIAL SEAL

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

New Brunswick
DEPT OF PUBLIC SAFETY
BOILER & PRESSURE VESSEL ACT

REGISTRATION ONLY

CRN OH5216.57 Rev2

EXAMINER [signature]

or

CHIEF BOILER INSPECTOR

DATE 6/22/2018

☐ BLRs ☐ PVs

☒ FITTINGS ☐ COMPONENTS

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

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 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 FRIEDRICHS (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: _____

Declared before me at Virginia Beach, VA

This 4th day of April AD 2018

Commissioner of Oaths or Notary Public: (sign) _____

USE THIS SEAL OFFICIALLY

(Affix Official seal to the right) #701528 EXP 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 REV2

Date 26 JUNE 2018

Engineering and Inspection Services

Registered by _____

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

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 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 FRIEDRICHS (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: _____

Declared before me at Virginia Beach, VA

This 9TH day of April AD 2018

Commissioner of Oaths or Notary Public: (sign) _____

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

USE THIS SPACE FOR OFFICIAL USE

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

0H5216.5YREV2
DATE 6/26/2018

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

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 BARSTOCK

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

SCOPE
TEST REPORTS AND REPRESENTATIVE SKETCHES
DESIGN DRAWINGS

DECLARATION:

I JOHN FRIEDRICHS (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: _____

Declared before me at Virginia Beach, VA

This 4th day of June AD 2018

Commissioner of Oaths or Notary Public: (sign) _____

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

USE THIS SPACE FOR OFFICIAL SEAL

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

65.00

Northwest Territories
REGISTERED
UNDER THE AUTHORITY OF THE BOILER AND PRESSURE VESSEL ACT.
C.R.N. 0H5216.5T Rev2
SIGNED _____
DATE June 22/2018

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

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
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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

FORMED ☒ 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

[redacted] AURA GAS CONTROLS WWW.AURAGASCONTROLS.COM

DECLARATION:

I JOHN FRIEDRICHS (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 June AD 2018

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

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

USE THIS SPACE FOR OFFICIAL USE [redacted]

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

Notes:
1. All fittings shall be registered in the name of the Manufacturer.
2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.

Nunavut

NUNAVUT
Boilers and Pressure Vessels Act
REGISTERED
CRN OH5216.5N Rev2
Date June 22, 2018
Signed [signature]
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

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

ABSA
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 **Email:** JKarpinski@tssa.org
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO, ON M9W 6N9

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

Alberta Municipal Affairs

ABSA
the pressure equipment safety authority

AB-41 2016-01

STATUTORY DECLARATION
Registration of Fittings

I, John Friedrichs, Supervisor of Design Engineering
(name of applicant) (position title) (must be in a position o

of Controls Corporation of America
(name of manufacturer)

located at 1501 Harpers Road, Virginia Beach, VA 23454
(plant address)

In this spac mile of
nufact mark
wil

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
(title of recognized North American Standard)

☒ 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.
(title of code of construction or other applicable document)

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)
(brief description of fittings)

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 (city) in the STATE of Virginia (province or state)

this 4TH day of April (Month), 2018 (Year)

(print) Michelle Irvine
(a Commissioner of Oaths or Notary Public)

(sign) _____ Michael Irvine
(a Commissioner of Oaths or Notary Public) # 7015528 EXP 31 MAY 2022 (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: OH05276.52 OH20478.52 T.T. _____
(Signature of the Administrator/SCO)

Date Registered: JUL 03 2018 Expiry Date: June 5, 2028

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

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*	**45mm Bonnet**		
	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 contruction: 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 contruction: 401, 402, 403, 404, 405, 411, 412, 414, 416, 423, 435, 438, 460, 463, 465, 470, 491, 495, 498, 619, EX1C, EX2C, EXOC, P1B, P2B, P5B, P6C)	N/A
	65mm 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 contruction: 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 contruction: 6600, 6700)
	1-5/8 16 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 contruction: 492, 530)	N/A
	2-16 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 contruction: 622, 623, 6200, 678, 676, 80567XX)	N/A
TEST-6 Brass Barstock Body with 5/8-24 Capsule Thread *Design Inlet Pressure: 6000 psig / Observed Burst Pressure: 28000 psi*	**2-1/16 16 Bonnet**		
	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 contruction:* 4400, 5500, 5600, 5700, 8000, 150, 152, 155, 160, 162, 165, 308)	N/A
	1-5/8 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 contruction: 1400)	N/A
TEST-10 Forged Brass Body with M20 Capsule Thread *Design Inlet Pressure: 5500 psig / Observed Burst Pressure: 26000 psi*	**65mm Bonnet**		
	N/A	N/A 0H05216 N/A 52	**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 contruction: 455)

ABSA
SAFETY CODES ACT - PROVINCE OF ALBERTA
REGISTRATION OF FITTINGS
REGISTRATION NO. ~~0H20418.52~~
DWG. NO. or CAT. NO. ~~Piping Fittings~~ Scope for Fittings Type H-Rev 1.
TYPE OF FITTINGS Piping Fittings
JUL 03 2018
Date
INITIALS
TAO TANG, PEng.
DESIGN SURVEY ENGINEER

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 contruction: 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 contruction: 415, 417, 420, 424, 425, 426, 427, 428, 429, 430, 432, 433, 445, 462, 464, 467, 480, 495, 497, 499, , P1S, P2S, P5S, P6S)	**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 contruction: EX1G, EX1S, EX1P, EX2G, 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 contruction: 484, 486, P3S, P4S)	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 contruction: 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.** *Design Outlet Pressure: 6000 psig / Observed Burst Pressure: 29000 psi* (The following series are examples of this contruction: 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 contruction: 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 contruction: 8309150-22, etc.)
TEST-35 **CONCOA Transducers.** *Design Pressure: 6000 psig / Observed Burst Pressure: 40000 psi* (The following series are examples of this contruction: 8309150-23, etc.)

~~OH20418·52~~

OH05216·52

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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

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

AURA GAS CONTROLS WWW.AURACONTROLS.COM
CONCOA PRECISION GAS CONTROLS

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 — 757 422 8330 — 757 422 3125
(Plant Address) *(Telephone No.)* *(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.)

- Design Code: B31.3 2016
Notes: See attached Scope of Registration.
Z.G. 6/5/18

Declared before me at Virginia Beach **in the** State **of** Virginia

the 4th **day of** April **AD 20**18.

Commissioner for Oaths:

Michelle Irving
(Printed name)

(Signature) # 7015528 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: OH5216.5R2

Registered by: Zivko Gacevic

Dated: Jun. 5, 2018

NOTE: This registration expires on: Jun. 5, 2028

Technical Standards and Safety Authority — Pressure Vessels Safety Program
REGISTERED
CRN: OH5216.5R2
Signed: Zacem Z
Date: Jun. 5, 2018

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

PV 09553 (04/17)

SCOPE 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*	**45mm Bonnet**		
	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 contruction: 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 contruction: 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, P6C)	N/A
	65mm 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 contruction: 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 contruction: 6600, 6700)
	1-5/8 16 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 contruction: 492, 530)	N/A
	2-16 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 contruction: 622, 623, 6200, 678, 676, 80567XX)	N/A
TEST-6 Brass Barstock Body with 5/8-24 Capsule Thread *Design Inlet Pressure: 6000 psig / Observed Burst Pressure: 28000 psi*	**2-1/16 16 Bonnet**		
	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 contruction:* 4400, 5500, 5600, 5700, 8000, 150, 152, 155, 160, 162, 165, 308)	N/A
	1-5/8 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 contruction: 1400)	N/A
TEST-10 Forged Brass Body with M20 Capsule Thread *Design Inlet Pressure: 5500 psig / Observed Burst Pressure: 26000 psi*	**65mm Bonnet**		
	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 contruction: 455)

6/5/13

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)
	45mm Bonnet		
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 contruction: 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 contruction: 415, 417, 420, 424, 425, 426, 427, 428, 429, 430, 432, 433, 445, 462, 464, 467, 480, 495, 497, 499, , P1S, P2S, P5S, P6S)	**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 contruction: EX1G, EX1S, EX1P, EX2G, 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 contruction: 484, 486, P3S, P4S)	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 contruction: 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.** *Design Outlet Pressure: 6000 psig / Observed Burst Pressure: 29000 psi* (The following series are examples of this contruction: 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 contruction: 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 contruction: 8309150-22, etc.)
TEST-35 **CONCOA Transducers.** *Design Pressure: 6000 psig / Observed Burst Pressure: 40000 psi* (The following series are examples of this contruction: 8309150-23, etc.)

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
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	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 65mm 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-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	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	20000	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.G.

Z.G.

THIS IS PART OF
CRN 0H5216.5R2
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program

Z.G. 6/5/'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

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

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 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 FRIEDRICHS (see note 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 SEAL OFFICIALLY

(Affix Official seal to the right) # 704528 EXP 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

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

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 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 FRIEDRICHS (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 EXP 3 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

BOILER & PRESSURE VESSEL NOVA SCOTIA
Date June 22/18
C.R.N. OH5216.5 REV2
Dwg. as described
Signed Yvonne Perry
1 of 1
Part
ACT & 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 | NOVA SCOTIA | PRINCE EDWARD ISLAND | NEWFOUNDLAND AND LABRADOR
NUNAVUT | YUKON | NORTHWEST TERRITORIES

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 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 FRIEDRICHS (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]

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

USE THIS SPACE FOR OFFICIAL SEAL

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

New Brunswick
DEPT OF PUBLIC SAFETY
BOILER & PRESSURE VESSEL ACT

REGISTRATION ONLY

CRN OH5216.57 Rev2

EXAMINER [signature]

or

CHIEF BOILER INSPECTOR

DATE 6/22/2018

☐ BLRs ☐ PVs

☒ FITTINGS ☐ COMPONENTS

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

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 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 FRIEDRICHS (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: _____

Declared before me at Virginia Beach, VA

This 4th day of April AD 2018

Commissioner of Oaths or Notary Public: (sign) _____

USE THIS SEAL OFFICIALLY

(Affix Official seal to the right) #701528 EXP 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 REV2

Date 26 JUNE 2018

Engineering and Inspection Services

Registered by _____

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

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 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 FRIEDRICHS (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: _____

Declared before me at Virginia Beach, VA

This 9TH day of April AD 2018

Commissioner of Oaths or Notary Public: (sign) _____

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

USE THIS SPACE FOR OFFICIAL USE

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

0H5216.5YREV2
DATE 6/26/2018

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

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 BARSTOCK

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

SCOPE
TEST REPORTS AND REPRESENTATIVE SKETCHES
DESIGN DRAWINGS

DECLARATION:

I JOHN FRIEDRICHS (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: _____

Declared before me at Virginia Beach, VA

This 4th day of June AD 2018

Commissioner of Oaths or Notary Public: (sign) _____

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

USE THIS SPACE FOR OFFICIAL SEAL

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

65.00

Northwest Territories
REGISTERED
UNDER THE AUTHORITY OF THE BOILER AND PRESSURE VESSEL ACT.
C.R.N. 0H5216.5T Rev2
SIGNED _____
DATE June 22/2018

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

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

FORMED ☒ 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

[redacted] AURA GAS CONTROLS WWW.AURAGASCONTROLS.COM

DECLARATION:

I JOHN FRIEDRICHS (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 June AD 2018

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

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

USE THIS SPACE FOR OFFICIAL USE [redacted]

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

Notes:
1. All fittings shall be registered in the name of the Manufacturer.
2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.

Nunavut

NUNAVUT
Boilers and Pressure Vessels Act
REGISTERED
CRN OH5216.5N Rev2
Date June 22, 2018
Signed [signature]
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

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 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 FRIEDRICHS (see note 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 SEAL OFFICIALLY

(Affix Official seal to the right) # 704528 EXP 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

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

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 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 FRIEDRICHS (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 EXP 3 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

BOILER & PRESSURE VESSEL NOVA SCOTIA
Date June 22/18
C.R.N. OH5216.5 REV2
Dwg. as described
Signed Yvonne Perry
1 of 1
Part
ACT & 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 | NOVA SCOTIA | PRINCE EDWARD ISLAND | NEWFOUNDLAND AND LABRADOR
NUNAVUT | YUKON | NORTHWEST TERRITORIES

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 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 FRIEDRICHS (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]

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

USE THIS SPACE FOR OFFICIAL SEAL

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

New Brunswick
DEPT OF PUBLIC SAFETY
BOILER & PRESSURE VESSEL ACT

REGISTRATION ONLY

CRN OH5216.57 Rev2

EXAMINER [signature]

or

CHIEF BOILER INSPECTOR

DATE 6/22/2018

☐ BLRs ☐ PVs

☒ FITTINGS ☐ COMPONENTS

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

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 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 FRIEDRICHS (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: _____

Declared before me at Virginia Beach, VA

This 4th day of April AD 2018

Commissioner of Oaths or Notary Public: (sign) _____

USE THIS SEAL OFFICIALLY

(Affix Official seal to the right) #701528 EXP 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 REV2

Date 26 JUNE 2018

Engineering and Inspection Services

Registered by _____

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

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 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 FRIEDRICHS (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: _____

Declared before me at Virginia Beach, VA

This 9TH day of April AD 2018

Commissioner of Oaths or Notary Public: (sign) _____

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

USE THIS SPACE FOR OFFICIAL USE

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

0H5216.5YREV2
DATE 6/26/2018

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

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 BARSTOCK

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

SCOPE
TEST REPORTS AND REPRESENTATIVE SKETCHES
DESIGN DRAWINGS

DECLARATION:

I JOHN FRIEDRICHS (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: _____

Declared before me at Virginia Beach, VA

This 4th day of June AD 2018

Commissioner of Oaths or Notary Public: (sign) _____

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

USE THIS SPACE FOR OFFICIAL SEAL

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

65.00

Northwest Territories
REGISTERED
UNDER THE AUTHORITY OF THE BOILER AND PRESSURE VESSEL ACT.
C.R.N. 0H5216.5T Rev2
SIGNED _____
DATE June 22/2018

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

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
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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

FORMED ☒ 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

[redacted] AURA GAS CONTROLS WWW.AURAGASCONTROLS.COM

DECLARATION:

I JOHN FRIEDRICHS (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 June AD 2018

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

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

USE THIS SPACE FOR OFFICIAL USE [redacted]

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

Notes:
1. All fittings shall be registered in the name of the Manufacturer.
2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.

Nunavut

NUNAVUT
Boilers and Pressure Vessels Act
REGISTERED
CRN OH5216.5N Rev2
Date June 22, 2018
Signed [signature]
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

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 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 FRIEDRICHS (see note 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 SEAL OFFICIALLY

(Affix Official seal to the right) # 704528 EXP 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

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

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 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 FRIEDRICHS (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 EXP 3 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

BOILER & PRESSURE VESSEL NOVA SCOTIA
Date June 22/18
C.R.N. OH5216.5 REV2
Dwg. as described
Signed Yvonne Perry
1 of 1
Part
ACT & 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 | NOVA SCOTIA | PRINCE EDWARD ISLAND | NEWFOUNDLAND AND LABRADOR
NUNAVUT | YUKON | NORTHWEST TERRITORIES

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 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 FRIEDRICHS (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]

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

USE THIS SPACE FOR OFFICIAL SEAL

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

New Brunswick
DEPT OF PUBLIC SAFETY
BOILER & PRESSURE VESSEL ACT

REGISTRATION ONLY

CRN OH5216.57 Rev2

EXAMINER [signature]

or

CHIEF BOILER INSPECTOR

DATE 6/22/2018

☐ BLRs ☐ PVs

☒ FITTINGS ☐ COMPONENTS

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

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 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 FRIEDRICHS (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: _____

Declared before me at Virginia Beach, VA

This 4th day of April AD 2018

Commissioner of Oaths or Notary Public: (sign) _____

USE THIS SEAL OFFICIALLY

(Affix Official seal to the right) #701528 EXP 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 REV2

Date 26 JUNE 2018

Engineering and Inspection Services

Registered by _____

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

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 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 FRIEDRICHS (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: _____

Declared before me at Virginia Beach, VA

This 9TH day of April AD 2018

Commissioner of Oaths or Notary Public: (sign) _____

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

USE THIS SPACE FOR OFFICIAL USE

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

0H5216.5YREV2
DATE 6/26/2018

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

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 BARSTOCK

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

SCOPE
TEST REPORTS AND REPRESENTATIVE SKETCHES
DESIGN DRAWINGS

DECLARATION:

I JOHN FRIEDRICHS (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: _____

Declared before me at Virginia Beach, VA

This 4th day of June AD 2018

Commissioner of Oaths or Notary Public: (sign) _____

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

USE THIS SPACE FOR OFFICIAL SEAL

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

65.00

Northwest Territories
REGISTERED
UNDER THE AUTHORITY OF THE BOILER AND PRESSURE VESSEL ACT.
C.R.N. 0H5216.5T Rev2
SIGNED _____
DATE June 22/2018

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

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

FORMED ☒ 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

[redacted] AURA GAS CONTROLS WWW.AURAGASCONTROLS.COM

DECLARATION:

I JOHN FRIEDRICHS (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 June AD 2018

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

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

USE THIS SPACE FOR OFFICIAL USE [redacted]

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

Notes:
1. All fittings shall be registered in the name of the Manufacturer.
2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.

Nunavut

NUNAVUT
Boilers and Pressure Vessels Act
REGISTERED
CRN OH5216.5N Rev2
Date June 22, 2018
Signed [signature]
Chief Inspector

Territorial Registration Fee