



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](http://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.: 2324506  
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.: 0A20418.59870YTN.

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](mailto: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](mailto: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: <b>CONTROLS CORPORATION OF AMERICA</b>	
MANUFACTURERS ADDRESS: <b>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</b>	
PLANT LOCATIONS: <b>(SAME)</b>	
<b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b> <input checked="" type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers <input type="radio"/> B Flanges: all flanges <input type="radio"/> C Valves: all line valves <input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types <input type="radio"/> E Strainers, filters, separators, and steam traps <input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters <input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs <input type="radio"/> H Pressure retaining components that do not fall into one of the above categories <input type="radio"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> . (Meeting AECB or ASME requirements)	<b>TITLE OF THE STANDARD OF CONSTRUCTION</b>  <b>PROOF TEST</b> <b>= 4 x MAX DESIGN</b> <b>PRESSURE</b>
<b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b>  <b>SEE BELOW</b>	<b>TYPE OF CONSTRUCTION</b> FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER: <b>MACHINED BARSTOCK</b>
<b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b>  <b>SCOPE</b> <b>TEST REPORTS AND REPRESENTATIVE SKETCH</b> <b>DESIGN DRAWINGS</b>	



**DECLARATION:**

I, JOHN FRIEDRICHS (see note 3) employed by CON COR 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

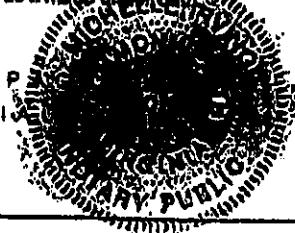
This 4<sup>th</sup> day of

April AD 2018

Commissioner of Oaths or Notary Public: (sign)

(Affix Official seal to the right) #701578 EX 30 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: 0A20418.5

FID#: 614

**Notes:**

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

**ACCEPTED**  
**PROVINCE OF PRINCE EDWARD ISLAND**  
**COMMUNITIES, LAND & ENVIRONMENT**

C.R.N. 0A20418.59

DATE: June 22 2018

Denise M. Gable  
**INSPECTION SERVICES SECTION**  
**BOILER/PRESSURE VESSEL BRANCH**

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: CONTROLS CORPORATION OF AMERICA

MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA

PLANT LOCATIONS: (SAME)

CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY

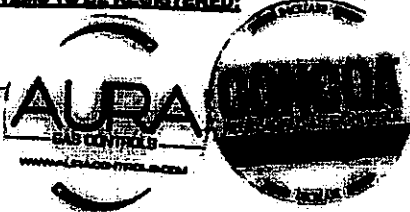
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers  
 B Flanges: all flanges  
 C Valves: all line valves  
 D Expansion joints, flexible connections, and hose assemblies: all types  
 E Strainers, filters, separators, and steam traps  
 F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters  
 G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs  
 H Pressure retaining components that do not fall into one of the above categories  
 N Nuclear components: Class 1  Class 2  Class 3  (Meeting AECB or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION  
PROOF TEST = 4 x Max Design PRESSURE

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

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

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

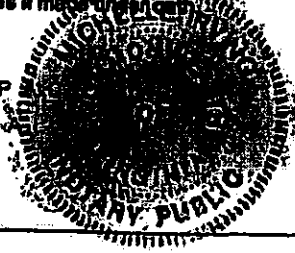


DECLARATION:

I, JOHN FRIEDRICHS (see note 1) 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 by oath.

Signature of Declarer: [Signature]  
Declared before me at Virginia Beach, VA  
This 4<sup>th</sup> day of April AD 2018  
Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SP  
OFFICE



(Affix Official seal to the right) #7015728 EX 31 MAY 2022

This space for Regulatory Authority use

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

CRN: 0A20418.5

FID#: 614

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

BOILER & PRESSURE VESSEL  
NOVA SCOTIA  
Date June 22/18  
C.R.N. 0A20418.5B  
Dwg. as described  
Signed Yvonne Perry  
1 of 1  
Part  
ACT & REGULATIONS



**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

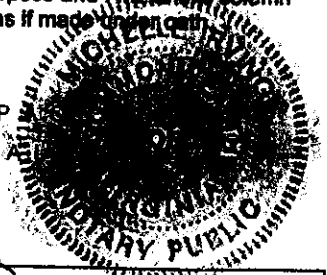
NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
<p><b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b></p> <p><input checked="" type="radio"/> <b>A</b> Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p><b>B</b> Flanges: all flanges</p> <p><b>C</b> Valves: all line valves</p> <p><b>D</b> Expansion joints, flexible connections, and hose assemblies: all types</p> <p><b>E</b> Strainers, filters, separators, and steam traps</p> <p><b>F</b> Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p><b>G</b> Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p><b>H</b> Pressure retaining components that do not fall into one of the above categories</p> <p><b>N</b> Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/>. (Meeting AECB or ASME requirements)</p>	<p><b>TITLE OF THE STANDARD OF CONSTRUCTION</b></p> <p align="center"><u>PROOF TEST</u> <u>= 4 x MAX DESIGN</u> <u>PRESSURE</u></p>
<p><b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b></p> <p align="center"><u>SEE BELOW</u></p>	<p><b>TYPE OF CONSTRUCTION</b></p> <p>FORGED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/>                  CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>                  DESCRIBE OTHER: <u>MACHINED BARSTOCK</u></p>
<p><b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b></p> <p><u>SCOPE</u> <u>TEST REPORTS AND REPRESENTATIVE SKETCH</u> <u>DESIGN DRAWINGS</u></p> <div style="text-align: right;">   </div>	

**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: [Signature]  
 Declared before me at Virginia Beach, VA  
 This 4<sup>TH</sup> day of April AD 2018  
 Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SPACE FOR OFFICIAL SIGNATURE



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

<p>This space for Regulatory Authority use</p> <p align="center">This registration must be revalidated after ten (10) years from the date of registration</p> <p>CRN: <u>0A20418.5</u></p> <p>FID#: <u>614</u></p> <p>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.</p>	<p><b>New Brunswick</b>                  DEPT OF PUBLIC SAFETY                  BOILER &amp; PRESSURE VESSEL ACT</p> <p>REGISTRATION ONLY</p> <p>CRN <u>0A20418.57</u></p> <p>EXAMINER <u>[Signature]</u>                  for                  CHIEF REGISTER INSPECTOR</p> <p>DATE <u>6/22/2018</u></p> <p><input type="checkbox"/> BLRs <input type="checkbox"/> PVs  <input checked="" type="checkbox"/> FITTINGS <input type="checkbox"/> COMPONENTS</p>
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**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY <input checked="" type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers <input type="radio"/> B Flanges: all flanges <input type="radio"/> C Valves: all line valves <input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types <input type="radio"/> E Strainers, filters, separators, and steam traps <input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters <input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs <input type="radio"/> H Pressure retaining components that do not fall into one of the above categories <input type="radio"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECB or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION  <p align="center">PROOF TEST = 4 x MAX DESIGN PRESSURE</p>
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT  <p align="center">SEE BELOW</p>	TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER:  <p align="center">MACHINED BARSTOCK</p>
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:  SCOPE TEST REPORTS AND REPRESENTATIVE SKETCH DESIGN DRAWINGS	

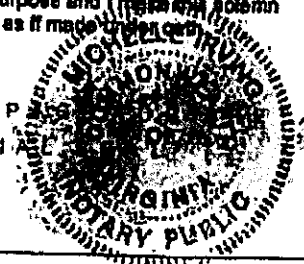


**DECLARATION:**

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 (make the 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 9<sup>TH</sup> 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) #7015T28 EX 31 MAY 2022

This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>0A20418.5</u> FID#: <u>614</u>	Newfoundland Labrador Service NL Registered <u>0A20418.50</u> Date <u>26 JUNE 2018</u> Engineering and Inspection Services Registered by <u>[Signature]</u>
Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS

**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: 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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 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:**

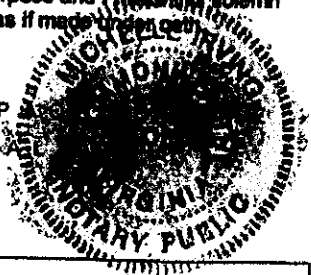
SCOPE  
TEST REPORTS AND REPRESENTATIVE SKETCH  
DESIGN DRAWINGS



**DECLARATION:**  
 I JOHN FRIEDRICHS (see note 2) employed by CONCOA and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by 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 4<sup>TH</sup> day of April AD 2018  
 Commissioner of Oaths or Notary Public: [Signature]

USE THIS SPACE FOR OFFICIAL SEAL




(Affix Official seal to the right) #701828 EX 31 MAY 2022

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

CRN: 0A20418.5  
 FID#: 614

Notes:  
 1. All fittings shall be registered in the name of the Manufacturer.  
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 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.




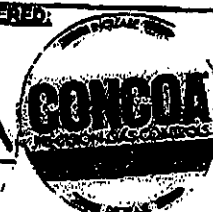
**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
<p align="center"><b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b></p> <p><input checked="" type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers  <input type="radio"/> B Flanges: all flanges  <input type="radio"/> C Valves: all line valves  <input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types  <input type="radio"/> E Strainers, filters, separators, and steam traps  <input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters  <input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs  <input type="radio"/> H Pressure retaining components that do not fall into one of the above categories  <input type="radio"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECD or ASME requirements)</p>	<p align="center"><b>TITLE OF THE STANDARD OF CONSTRUCTION</b></p> <p align="center">PROOF TEST = 4 x MAX DESIGN PRESSURE</p>
<p align="center"><b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b></p> <p align="center">SEE BELOW</p>	<p align="center"><b>TYPE OF CONSTRUCTION</b></p> <p>FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/>          CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>          DESCRIBE OTHER: <u>MACHINED BARSTOCK</u></p>
<p align="center"><b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b></p> <p>SCOPE          TEST REPORTS AND REPRESENTATIVE SKETCH          DESIGN DRAWINGS</p> <div style="text-align: right;">   </div>	

**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: [Signature]  
 Declared before me at Virginia Beach, VA  
 This 4<sup>th</sup> day of April AD 2018  
 Commissioner of Oaths or Notary Public: [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



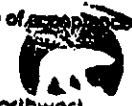
(Affix Official seal to the right) #701828 EX 31 MAY 2022

This space for Regulatory Authority use

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

CRN: 0A20418.5  
 FID#: 614

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

  
 Northwest Territories  
**REGISTERED**  
 UNDER THE AUTHORITY OF  
 THE BOILER AND PRESSURE  
 VESSEL ACT.  
 C.R.N. 0A20418.5  
 SIGNED [Signature]  
 DATE June 22, 2018

916700

**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  
 I Nuclear components: Class 1  Class 2  Class 3  (Meeting AECB or ASME requirements)

**TITLE OF THE STANDARD OF CONSTRUCTION**

PROOF TEST  
= 4 x Max Design  
PRESSURE

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



SEE BELOW

**TYPE OF CONSTRUCTION**



FORGED  WELDED  WROUGHT   
 CAST  OTHER   
 DESCRIBE OTHER: MACHINED BAR STOCK

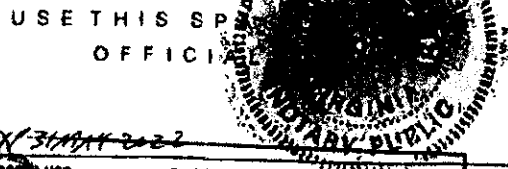
**LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:**

SCOPE  
 TEST REPORTS AND REPRESENTATIVE SKETCH:  
 DESIGN DRAWINGS

**DECLARATION:**  
 I JOHN FRIEDRICHS (print name) employed by CONCOR and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by INTERTEK as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer:   
 Declared before me at Virginia Beach, VA  
 This 9<sup>th</sup> day of April AD 2018  
 Commissioner of Oaths or Notary Public: (sign) 




(Affix Official seal to the right) # 7015125 2X-314911-2022

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

CRN: 0A20418.5  
 FID#: 614

**NUNAVUT**  
 Boilers and Pressure Vessels Act

**REGISTERED**

CRN 0A20418, SN  
 Date June 22, 2018  
 Signed   
 Chief Inspector

**Notes:**

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

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](http://www.tssa.org)

August 02, 2018

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

Service Request Type.: BPV-National BC  
Service Request No.: 2324510  
Your Reference No.:  
Registered to.: CONTROLS CORPORATION OF AMERICA

Dear JOHN FRIEDRICHS,

Please find enclosed the original response from BC, registered under the CRN No.: 0A20418.51.

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](mailto: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](mailto:tfrancis@tssa.org)

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

**Date:** June 26, 2018

**Account #:** 35231

**Journal #:** 70973

**Attn:** TANYA FRANCIS

**Re: Application for Design Registration**

The design, as detailed in your, TSSA SR# 2324510, for a Fitting is accepted for registration as follows:

**Registered To:** CONTROLS CORPORATION OF AMERICA **CRN:** 0A20418.51

**MDMT:** -40 deg F

**MAWT:** 140 deg F

**Drawing #:** Burst Tests, Scope Sheets

**Conditions Of Registration:**

Registration of Brass & Stainless Barstock Fittings as per att'd scope of registration sheets (2 pages).

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

**Reviewer's Notes:**

As required by CSA B51 4.2.1, this registration expires on June 05, 2028. This CRN is valid until the expiry date as long as the Manufacturer maintains a valid quality control program verified by an acceptable third-party agency until that date. Should the certification of the quality control program lapse before the expiry date, this registration shall become void.

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

SHARON PETERS

boiler.designregistration@technicalsaftybc.ca  
Design Administration

**cc:**

### SCOPE FOR FITTINGS TYPE A - REV 1

(Temperature Range: -40°F to 140°F)

Brass Barstock Fittings	Stainless Barstock Fittings
<b>TEST-33</b> CONCOA Cross Fittings using Brass Barstock. Design Pressure: 5500 psig / Observed Burst Pressure: 26000 psi (The following parts are examples of this construction: 8308137, 8308138, 8308883, 8308884, etc.)	<b>TEST-43</b> CONCOA Tee Fittings using Stainless Barstock. Design Pressure: 3000 psig / Observed Burst Pressure: 20000 psi (The following series are examples of this construction: 8309272, etc.)
<b>TEST-36</b> CONCOA Medical Tee Fittings using Brass Barstock. Design Pressure: 3000 psig / Observed Burst Pressure: 15000 psi (The following series are examples of this construction: 8305659, etc.)	<b>TEST-44</b> CONCOA Cross Fittings using Stainless Barstock. Design Pressure: 6000 psig / Observed Burst Pressure: 32000 psi (The following parts are examples of this construction: 8308139, 8308844, etc.)
<b>TEST-41</b> CONCOA Bulkhead Reducer Fittings using Brass Barstock. Design Pressure: 4500 psig / Observed Burst Pressure: 25000 psi (The following series are examples of this construction: 8305335, etc.)	
<b>TEST-42</b> CONCOA Tee Fittings using Brass Barstock. Design Pressure: 3000 psig / Observed Burst Pressure: 21000 psi (The following series are examples of this construction: 8309270, 8309271, etc.)	



**TECHNICAL SAFETY BC**  
 CRN #: 0A20418.51  
 Date: June 18, 2018  
 BC #: 70973

**THIS IS PART OF**  
**CRN 0A20418.5**  
 Technical Standards & Safety Authority  
 Boilers & Pressure Vessels  
 Safety Program

Z. G. 6/15/18

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	20000	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 Z3520 - 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 Z3520 - 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 2-5/8 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 Z3520 - 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 Z3520 - 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	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-653	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-653	6000	40000	Inlet	6.67	-40°F to 140°F
36	Tea	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 A96063 - 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 A96063 - 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	Tea	n/a	26	n/a	n/a	n/a	UNS C36000 - Brass Barstock per ASTM B-16	3000	21000	Inlet/Outlet	7	-40°F to 140°F
43	Tea	n/a	27	n/a	n/a	n/a	UNS S31603 - 316L Stainless Barstock per ASTM A276	3000	20000	Inlet/Outlet	6.67	-40°F to 140°F
44	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



CRN #: 0A20418.51  
 Date: June 18, 2018  
 BC J#: 70973

THIS IS PART OF  
 CRN 0A 20418.5  
 Technical Standards & Safety Authority  
 Boilers & Pressure Vessels  
 Safety Program

2. G. 6/15/18



345 Carlingview Drive  
Toronto, Ontario  
CANADA M9W 6N9  
Tel.: 416.734.3300  
Fax.: 416.231.1626  
Toll Free: 1.877.682.8772  
[www.tssa.org](http://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.: 2324504  
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.: 0A20418.52.

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](mailto: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](mailto:tfrancis@tssa.org)



the pressure equipment safety authority

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

July 03, 2018

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

**Email:** JKarpinski@tssa.org

The design submission, tracking number 2018-03868, originally received on June 15, 2018 was surveyed and accepted for registration as follows:

**CRN :** 0A20418.52

**Accepted on:** July 03, 2018

**Reg Type:** NEW DESIGN

**Expiry Date:** June 05, 2028

**Drawing No. :** SCOPE FOR FITTINGS TYPE A-REV 1

**Fitting type:** PIPING FITTINGS

Design registered in the name of : CONTROLS CORPORATION OF AMERICA

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

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

- This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form.*
- This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date.*
- Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.*

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

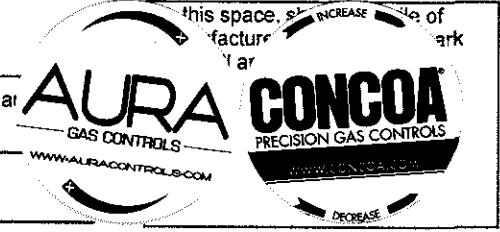
If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3343 or fax (780) 437-7787 or e-mail tang@absa.ca.

Sincerely,

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

STATUTORY DECLARATION Registration of Fittings

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



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

- comply with the requirements of ... which specifies the dimensions, materials of construction, pressure/temperature ratings and identification marking of the fittings, or
[X] are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with 4x max pressure burst test as supported by the attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, Intertek Services Corporation as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are

ISO 9001 (CATEGORY A)

(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 in the STATE of Virginia

this 4th day of April, 2018

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

(sign) Michael Linn (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 A

Registration Number: OA 20478-52

(Signature of the Administrator/SCO)

Date Registered: JUL 03 2018

Expiry Date: June 5, 2028

## SCOPE FOR FITTINGS TYPE A - REV 1

(Temperature Range: -40°F to 140°F)

Brass Barstock Fittings	Stainless Barstock Fittings
<p style="text-align: center;"><b>TEST-33</b></p> <p>CONCOA Cross Fittings using Brass Barstock. Design Pressure: 5500 psig / Observed Burst Pressure: 26000 psi (The following parts are examples of this construction: 8308137, 8308138, 8308883, 8308884, etc.)</p>	<p style="text-align: center;"><b>TEST-43</b></p> <p>CONCOA Tee Fittings using Stainless Barstock. Design Pressure: 3000 psig / Observed Burst Pressure: 20000 psi (The following series are examples of this construction: 8309272, etc.)</p>
<p style="text-align: center;"><b>TEST-36</b></p> <p>CONCOA Medical Tee Fittings using Brass Barstock. Design Pressure: 3000 psig / Observed Burst Pressure: 15000 psi (The following series are examples of this construction: 8305659, etc.)</p>	<p style="text-align: center;"><b>TEST-44</b></p> <p>CONCOA Cross Fittings using Stainless Barstock. Design Pressure: 6000 psig / Observed Burst Pressure: 32000 psi (The following parts are examples of this construction: 8308139, 8308844, etc.)</p>
<p style="text-align: center;"><b>TEST-41</b></p> <p>CONCOA Bulkhead Reducer Fittings using Brass Barstock. Design Pressure: 4500 psig / Observed Burst Pressure: 25000 psi (The following series are examples of this construction: 8305335, etc.)</p>	
<p style="text-align: center;"><b>TEST-42</b></p> <p>CONCOA Tee Fittings using Brass Barstock. Design Pressure: 3000 psig / Observed Burst Pressure: 21000 psi (The following series are examples of this construction: 8309270, 8309271, etc.)</p>	

ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA

REGISTRATION OF FITTINGS

REGISTRATION NO. DA20418-52

DWG. NO. ~~OR CAT. NO.~~ Scope for Fittings Type A - Rev 1

TYPE OF FITTINGS Piping Fittings

JUL 03 2018
Date
INITIALS
Tao Tang

TAO TANG, P.Eng.

DESIGN SURVEY ENGINEER





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](http://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.: 2324522  
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-0A20418.56.

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](mailto: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](mailto:tfrancis@tssa.org)

REGISTERED



CRN: CSA-0A20418.56

Registration Process administered by  
CSA Group per CSA B51

### Statutory Declaration Registration of Fittings

#### (a) Design Qualification

I<sup>1</sup> 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<sup>2</sup> covered by this declaration, for which I seek registration, are Category A fittings

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

Declared before me at Virginia Beach

In the of VA of Virginia

The 4th Day of April AD 2018

Michelle Irving  
A (commissioner for oaths)  
# 7015528 EXP 31 MAY 2022

*[Handwritten Signature]*  
Signature of Declarer<sup>3</sup>

#### For Official Use Only

The application is accepted for registration in Category A 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-0A20418.56

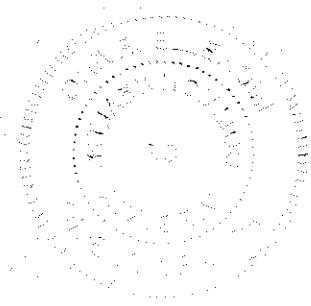
For the Chief Inspector A. BANWATT  
Date Aug - 08 - 2018

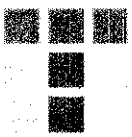
- 1 Three completed copied of Statutory Declaration form together with three copies of Catalogs, drawings of Bulletins illustrating above fittings shall be submitted.
- 2 All fittings are required to be registered in the name of the Manufacturer.
- 3 This form shall be completed and signed by the president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



Technical Review performed per CSA B51  
Performed by: ANRIC Enterprises Inc.  
*AK Swath*  
Signed: \_\_\_\_\_  
Date: *8 Aug 2018*

REGISTERED  CSA Group  
CRN: *CSA-CA20418.56*  
Registration Process administered by  
CSA Group per CSA B51





# Technical Safety Authority of Saskatchewan

REGISTERED

CRN: CSA-0A20418.56

Registration Process administered by CSA Group per CSA B51



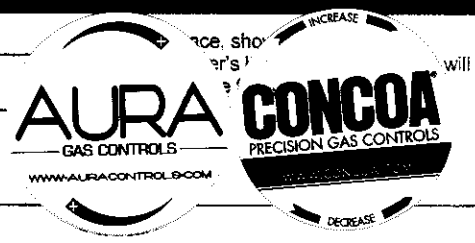
2202 2nd Ave.  
Regina, SK S4R 1K3  
PH: (306)798-7112 Toll Free: (866)530-8599  
FAX: (306)787-9273 Toll Free: (866)760-9255  
Email: [boilerpermits@tsask.ca](mailto:boilerpermits@tsask.ca)  
Website: [www.tsask.ca](http://www.tsask.ca)

## 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 Virginia Beach, VA 23454  
(Plant Address - Apt/Street) (City, Prov) (Postal Code)

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

- Comply with the requirements of \_\_\_\_\_ which specifies the dimensions, \_\_\_\_\_ (title of recognized North American Standard) Materials of construction, pressure / temperature ratings and identification marking of the fittings, or
- Are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with Proofs 4x Design Pressure as supported by the attached data which identifies the dimensions, materials of construction, pressure / temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, Intertek Services Corporation as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are ISO 9001 (Category A)

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

### II. Declaration

DECLARED before me at Virginia Beach in the STATE of Virginia  
this 4th day of April, 2018  
Michelle Twigg (print name) Michelle Twigg (Signature)  
(Signature of Commissioner of Oaths) # 7015525 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 A  
CSA-0A20418.56 (Registration Number) Aug. 08. 2018 (Date Registered - MM DD YYYY) Jun. 05. 2028 (Expiry Date - MM DD YYYY)  
(For the Administrator / CSA Inspector) A. BANWATT



\*Note: See the attachment for the scope of the registration

REGISTERED



CRI: CSA-CA20418.F6

Registration Process administered by  
CSA Group per CSA B51

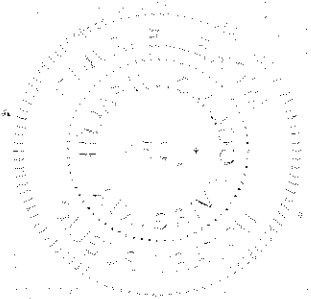
Technical Review performed per CSA B51  
Performed by: ANRIC Enterprises Inc.

Signed:

*[Handwritten Signature]*

Date:

8 Aug 2018





345 Carlingview Drive  
Toronto, Ontario M9W 6N8  
Tel: 416 734 3300  
Fax: 416 231 1625  
Toll Free: 1 877 682 3772

[www.tssa.org](http://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.: 2285212  
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.: 0A20418.5  
Main Design No.: SEE SCOPE -FITTINGS TYPE A-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](mailto: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](mailto:zgacevic@tssa.org)

 1 OF 3	
ATTACHMENT TO	
CRN: <u>CSA-0A20418-56</u>	
Signed: 	
178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3	

### SCOPE FOR FITTINGS TYPE A - REV 1


(Temperature Range: -40°F to 140°F)

Brass Barstock Fittings	Stainless Barstock Fittings
<p><b>TEST-33</b>                      CONCOA Cross Fittings using Brass Barstock. Design Pressure: 5500 psig / Observed Burst Pressure: 25000 psi (The following parts are examples of this construction: 8308137, 8308138, 8308883, 8308884, etc.)</p>	<p><b>TEST-43</b>                      CONCOA Tee Fittings using Stainless Barstock. Design Pressure: 3000 psig / Observed Burst Pressure: 20000 psi (The following series are examples of this construction: 8309272, etc.)</p>
<p><b>TEST-36</b>                      CONCOA Medical Tee Fittings using Brass Barstock. Design Pressure: 3000 psig / Observed Burst Pressure: 15000 psi (The following series are examples of this construction: 8305659, etc.)</p>	<p><b>TEST-44</b>                      CONCOA Cross Fittings using Stainless Barstock. Design Pressure: 6000 psig / Observed Burst Pressure: 32000 psi (The following parts are examples of this construction: 8308139, 8308844, etc.)</p>
<p><b>TEST-41</b>                      CONCOA Bulkhead Reducer Fittings using Brass Barstock. Design Pressure: 4500 psig / Observed Burst Pressure: 25000 psi (The following series are examples of this construction: 8305935, etc.)</p>	
<p><b>TEST-42</b>                      CONCOA Tee Fittings using Brass Barstock. Design Pressure: 3000 psig / Observed Burst Pressure: 21000 psi (The following series are examples of this construction: 8309270, 8309271, etc.)</p>	


CSA  
Standards

2 OF 3

ATTACHMENT TO  
 C.R.N. **CSA-0A20418.56**

Signed: 

178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

THIS IS PART OF  
 CRN 0A20418.5


Technical Standards & Safety Authority  
 Boilers & Pressure Vessels  
 Safety Program

Z.G. 6151/18

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 NPT 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	2	7	UNS C36000 - Brass Barstock per ASTM B-16	n/a	UNS C36000 - Brass Barstock per ASTM B-16	n/a	6000	26000	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 S30200 - 302 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 C27700 - 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 Z39520 - 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 Z39520 - 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 2-1/8 16 Brass Barstock Bonnet Outlet Pressure Test	10	7	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	250	17000	Outlet	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 Z39520 - 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	16000	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 Z39520 - 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 2-1/8 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 2-1/8 Brass Barstock Bonnet Dome Pressure Test	5	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 2-1/8 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 Section Cross 1/4" NPT	n/a	18	n/a	n/a	n/a	n/a	3500	26000	Inlet/Outlet	4.72	-40°F to 140°F
34	Intrinsically Safe Transducer	n/a	19	n/a	n/a	n/a	UNS C36000 - Brass Barstock per ASTM B-16	4500	24000	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	4500	40000	Inlet	6.67	-40°F to 140°F
36	Tea	n/a	21	n/a	n/a	n/a	UNS S17400 - 17-4 Stainless Steel per ASTM A-693	4000	15000	Inlet	5	-40°F to 140°F
37	Pneumatic Shutdown Valve	n/a	22	UNS S31603 - 316L Stainless Barstock per ASTM A276	UNS S30200 - 302 Stainless Barstock per ASTM A-582	n/a	UNS C36000 - Brass Barstock per ASTM B-16	3500	21000	Inlet/Outlet	8	-40°F to 140°F
38	Pneumatic Shutdown Valve	n/a	22	UNS S31603 - 316L Stainless Barstock per ASTM A276	UNS S30200 - 302 Stainless Barstock per ASTM A-582	n/a	UNS S31603 - 316L Stainless Barstock per ASTM A276	3500	21000	Inlet/Outlet	8	-40°F to 140°F
39	Diaphragm Valve	n/a	23	UNS C36000 - Brass Barstock per ASTM B-16	UNS S31603 - 316L Stainless Barstock per ASTM A276	n/a	UNS S31603 - 316L Stainless Barstock per ASTM A276	3500	21000	Inlet/Outlet	8	-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	UNS S31603 - 316L Stainless Barstock per ASTM A276	3500	21000	Inlet/Outlet	8	-40°F to 140°F
41	Bulbhead Reducer	n/a	25	n/a	n/a	n/a	UNS S31603 - 316L Stainless Barstock per ASTM A276	3500	21000	Inlet/Outlet	8	-40°F to 140°F
42	Tea	n/a	26	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
43	Tea	n/a	27	n/a	n/a	n/a	UNS C36000 - Brass Barstock per ASTM B-16	3000	21000	Inlet/Outlet	7	-40°F to 140°F
44	Protocol Section Cross 1/4" NPT	n/a	28	n/a	n/a	n/a	UNS S31603 - 316L Stainless Barstock per ASTM A276	4500	20000	Inlet/Outlet	6.67	-40°F to 140°F
		n/a	29	n/a	n/a	n/a	UNS S31603 - 316L Stainless Barstock per ASTM A276	4500	32000	Inlet/Outlet	5.33	-40°F to 140°F

2.6.


  
 ATTACHMENT TO
   
 C.R.N. CSA-0A20418.5
  
 Signed: [Signature]
  
 178 Roxdale Boulevard, Toronto, ON Canada M9W 1R3

THIS IS PART OF
   
 CRN 0A20418.5
  
 Technical Standards & Safety Authority
   
 Boilers & Pressure Vessels
   
 Safety Program
   
 2.6. 615/18





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](http://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.: 2324530  
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.: 0A20418.54.

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](mailto: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](mailto: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](http://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 A - Rev. 0"	0A20418.54	39059

**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.

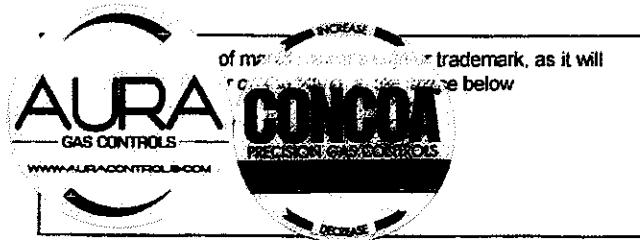
The registration of this design does not relieve the manufacturer, the owner or his agent of the responsibility for the design or construction of a fitting in accordance with the applicable Acts, Codes and Standards. Inspection and Technical Services assumes no responsibility by registering designs, 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](mailto:rabie.harb@gov.mb.ca)



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



## STATUTORY DECLARATION Registration of Fittings

I, MICHAEL SIMS, MECHANICAL DESIGN ENGINEER

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

of CONCOA

*(Name of Manufacturer)*

Located at 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454

*(Plant Address)*

757 422 8330

*(Telephone No.)*

757 422 3125

*(Fax No.)*

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

*(Title of recognized North American Standard)*

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

or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with Proof Pressure = 4 x Max Design Press as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001 which has been verified by the following authority, Intertek Services Corporation

The items covered by this declaration, for which I seek registration, are category A 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 4<sup>th</sup> day of April AD 2018.

Commissioner for Oaths:

Michelle Tavy  
*(Printed name)*

[Signature]  
*(Signature) # 7015528 21 MAY 2018*

Michael Sims  
*(Signature of Declarer)*

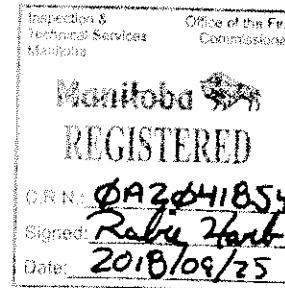
### FOR OFFICE USE ONLY

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 "A".

CRN: 0A20418.54

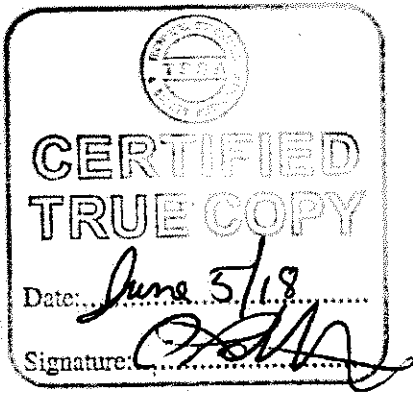
Registered by: RABIE HARB

Dated: 2018/09/25



**NOTE: This registration expires on: JUNE 5, 2028**

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

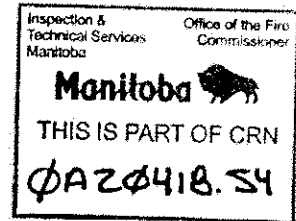


**Colleen Anne Ratcliff,**  
a Commissioner, etc., City of Toronto, for the  
Technical Standards & Safety Authority  
Expires July 24, 2019

## SCOPE FOR FITTINGS TYPE A - REV 1

(Temperature Range: -40°F to 140°F)

Brass Barstock Fittings	Stainless Barstock Fittings
<p><b>TEST-33</b>                      CONCOA Cross Fittings using Brass Barstock. Design Pressure: 5500 psig / Observed Burst Pressure: 26000 psi (The following parts are examples of this construction: 8308137, 8308138, 8308883, 8308884, etc.)</p>	<p><b>TEST-43</b>                      CONCOA Tee Fittings using Stainless Barstock. Design Pressure: 3000 psig / Observed Burst Pressure: 2000 construction: 8309272, etc.)</p>
<p><b>TEST-36</b>                      CONCOA Medical Tee Fittings using Brass Barstock. Design Pressure: 3000 psig / Observed Burst Pressure: 15000 psi (The following series are examples of this construction: 8305659, etc.)</p>	<p><b>TEST-44</b>                      CONCOA Cross Fittings using Stainless Barstock. Design Pressure: 6000 psig / Observed Burst Pressure: 320 construction: 8308139, 8308844, etc.)</p>
<p><b>TEST-41</b>                      CONCOA Bulkhead Reducer Fittings using Brass Barstock. Design Pressure: 4500 psig / Observed Burst Pressure: 25000 psi (The following series are examples of this construction: 8305335, etc.)</p>	
<p><b>TEST-42</b>                      CONCOA Tee Fittings using Brass Barstock. Design Pressure: 3000 psig / Observed Burst Pressure: 21000 psi (The following series are examples of this construction: 8309270, 8309271, etc.)</p>	





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](http://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.: 2324522  
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-0A20418.56.

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](mailto: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](mailto:tfrancis@tssa.org)

REGISTERED



CRN: CSA-0A20418.56

Registration Process administered by  
CSA Group per CSA B51

### Statutory Declaration Registration of Fittings

#### (a) Design Qualification

I<sup>1</sup> 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<sup>2</sup> covered by this declaration, for which I seek registration, are Category A fittings

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

Declared before me at Virginia Beach

In the of VA of Virginia

The 4th Day of April AD 2018

Michelle Leung  
A (commissioner for oaths)  
# 7015528 EXP 31 MAY 2022

*[Handwritten Signature]*  
Signature of Declarer<sup>3</sup>

#### For Official Use Only

The application is accepted for registration in Category A 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-0A20418.56

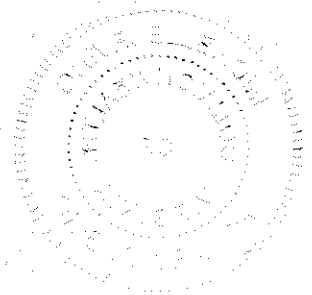
For the Chief Inspector A. BANWATT  
Date Aug - 08 - 2018

- 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 where the fitting is produced.

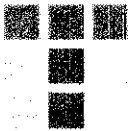


Technical Review performed per CSA B51  
Performed by: ANRIC Enterprises Inc.  
*AK Swath*  
Signed: \_\_\_\_\_  
Date: *8 Aug 2018*

REGISTERED  CSA Group  
CRN: *CSA-CA20418.56*  
Registration Process administered by  
CSA Group per CSA B51







# Technical Safety Authority of Saskatchewan

REGISTERED

CRN: CSA-0A20418.56

Registration Process administered by  
CSA Group per CSA B51



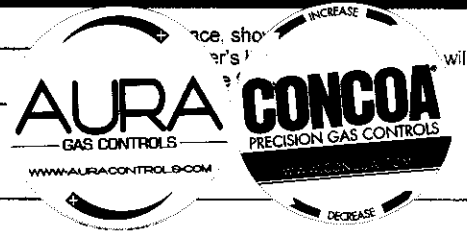
2202 2nd Ave.  
Regina, SK S4R 1K3  
PH: (306)798-7112 Toll Free: (866)530-8599  
FAX: (306)787-9273 Toll Free: (866)760-9255  
Email: [boilerpermits@tsask.ca](mailto:boilerpermits@tsask.ca)  
Website: [www.tsask.ca](http://www.tsask.ca)

## 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 Virginia Beach, VA 23454  
(Plant Address - Apt/Street) (City, Prov) (Postal Code)

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

- Comply with the requirements of \_\_\_\_\_ which specifies the dimensions,  
(title of recognized North American Standard)  
Materials of construction, pressure / temperature ratings and identification marking of the fittings, or
- Are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with Proofs 4x Design Pressure as supported by the attached data which identifies the dimensions, materials of construction, pressure / temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, Intertek Services Corporation as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are ISO 9001 (Category A)

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

### II. Declaration

DECLARED before me at Virginia Beach in the STATE of Virginia  
this 4th day of April, 2018  
Michelle Twigg (print name) Michelle Twigg (Signature)  
(Signature of Commissioner of Oaths) # 7015525 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 A

CSA-0A20418.56  
(Registration Number)

Aug. 08. 2018  
(Date Registered - MM DD YYYY)  
(For the Administrator / CSA Inspector)

Jun. 05. 2028  
(Expiry Date - MM DD YYYY)

A. BANWATT



REGISTERED



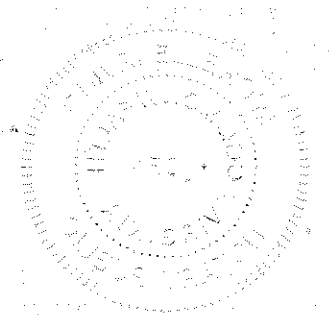
CRI: CSA-CA20418.F6

Registration Process administered by  
CSA Group per CSA B51

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

Signed: [Signature]

Date: 8 Aug 2018





345 Carlingview Drive  
Toronto, Ontario M9W 6N8  
Tel: 416 734 3300  
Fax: 416 231 1625  
Toll Free: 1 877 682 3772

[www.tssa.org](http://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.: 2285212  
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.: 0A20418.5  
Main Design No.: SEE SCOPE -FITTINGS TYPE A-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](mailto: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](mailto:zgacevic@tssa.org)

	1 OF 3
ATTACHMENT TO	
CRN: <u>CSA-0A20418-56</u>	
Signed: 	
178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3	

**SCOPE FOR FITTINGS TYPE A - REV 1**  
(Temperature Range: -40°F to 140°F)

Brass Barstock Fittings	Stainless Barstock Fittings
<b>TEST-33</b> CONCOA Cross Fittings using Brass Barstock. Design Pressure: 5500 psig / Observed Burst Pressure: 25000 psi (The following parts are examples of this construction: 8308137, 8308138, 8308883, 8308884, etc.)	<b>TEST-43</b> CONCOA Tee Fittings using Stainless Barstock. Design Pressure: 3000 psig / Observed Burst Pressure: 20000 psi (The following series are examples of this construction: 8309272, etc.)
<b>TEST-36</b> CONCOA Medical Tee Fittings using Brass Barstock. Design Pressure: 3000 psig / Observed Burst Pressure: 15000 psi (The following series are examples of this construction: 8305659, etc.)	<b>TEST-44</b> CONCOA Cross Fittings using Stainless Barstock. Design Pressure: 6000 psig / Observed Burst Pressure: 32000 psi (The following parts are examples of this construction: 8308139, 8308844, etc.)
<b>TEST-41</b> CONCOA Bulkhead Reducer Fittings using Brass Barstock. Design Pressure: 4500 psig / Observed Burst Pressure: 25000 psi (The following series are examples of this construction: 8305935, etc.)	
<b>TEST-42</b> CONCOA Tee Fittings using Brass Barstock. Design Pressure: 3000 psig / Observed Burst Pressure: 21000 psi (The following series are examples of this construction: 8309270, 8309271, etc.)	


 CSA  
 2 OF 3

ATTACHMENT TO  
 C.R.N. CSA-0A20418.56

Signed: [Signature]

178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3


**THIS IS PART OF**  
**CRN 0A20418.5**  
 Technical Standards & Safety Authority  
 Boilers & Pressure Vessels  
 Safety Program

Z. G. 6151/18

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 NPT 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	2	7	UNS C36000 - Brass Barstock per ASTM B-16	n/a	UNS C36000 - Brass Barstock per ASTM B-16	n/a	6000	26000	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 S30200 - 302 Stainless Barstock per ASTM A-382	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 C27700 - 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 Z39520 - 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 Z39520 - 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 2-1/8 16 Brass Barstock Bonnet Outlet Pressure Test	10	7	UNS C36000 - Brass Barstock per ASTM B-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	250	17000	Outlet	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 Z39520 - 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	16000	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 Z39520 - 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 2-1/8 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 2-1/8 Brass Barstock Bonnet Dome Pressure Test	5	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 2-1/8 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 Section Cross 1/4" NPT	n/a	18	n/a	n/a	n/a	n/a	3500	26000	Inlet/Outlet	4.72	-40°F to 140°F
34	Intrinsically Safe Transducer	n/a	19	n/a	n/a	n/a	UNS C36000 - Brass Barstock per ASTM B-16	4500	24000	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	4500	24000	Inlet	6.67	-40°F to 140°F
36	Tea	n/a	21	n/a	n/a	n/a	UNS S17400 - 17-4 Stainless Steel per ASTM A-693	4000	20000	Inlet	5	-40°F to 140°F
37	Pneumatic Shutdown Valve	n/a	22	UNS S31603 - 316L Stainless Barstock per ASTM A276	UNS S30200 - 302 Stainless Barstock per ASTM A-382	n/a	UNS C36000 - Brass Barstock per ASTM B-16	3000	15000	Inlet/Outlet	8	-40°F to 140°F
38	Pneumatic Shutdown Valve	n/a	22	UNS S31603 - 316L Stainless Barstock per ASTM A276	UNS S30200 - 302 Stainless Barstock per ASTM A-382	n/a	UNS 4045AL - 5052 Aluminum per ASTM B-211	3500	21000	Inlet/Outlet	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	UNS S31603 - 316L Stainless Barstock per ASTM A276	3000	20000	Inlet/Outlet	7	-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	21000	Inlet/Outlet	6	-40°F to 140°F
41	Bulbhead Reducer	n/a	25	n/a	n/a	n/a	n/a	3500	23000	Inlet/Outlet	6.57	-40°F to 140°F
42	Tea	n/a	26	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
43	Tea	n/a	27	n/a	n/a	n/a	UNS C36000 - Brass Barstock per ASTM B-16	3000	21000	Inlet/Outlet	7	-40°F to 140°F
44	Protocol Section Cross 1/4" NPT	n/a	28	n/a	n/a	n/a	UNS S31603 - 316L Stainless Barstock per ASTM A276	4000	20000	Inlet/Outlet	6.67	-40°F to 140°F
		n/a	29	n/a	n/a	n/a	UNS S31603 - 316L Stainless Barstock per ASTM A276	4000	20000	Inlet/Outlet	5.33	-40°F to 140°F

2.6.


  
 ATTACHMENT TO
   
 C.R.N. CSA-0A20418.56
  
 Signed: [Signature]
  
 178 Roxdale Boulevard, Toronto, ON Canada M9W 1R3

THIS IS PART OF
   
 CRN 0A20418.5
  
 Technical Standards & Safety Authority
   
 Boilers & Pressure Vessels
   
 Safety Program
   
 2.6. 615/18



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](http://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.: 2324506  
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.: 0A20418.59870YTN.

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](mailto: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](mailto: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:**  
SCOPE  
TEST REPORTS AND REPRESENTATIVE SKETCH  
DESIGN DRAWINGS



**DECLARATION:**  
I, JOHN FRIEDRICHS (see note 3) employed by CON COR 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 4<sup>th</sup> day of April AD 2018  
Commissioner of Oaths or Notary Public: [Signature]

USE THIS SPACE FOR OFFICIAL SIGNATURE



(Affix Official seal to the right) #701578 EX 31 MAY 2022

This space for Regulatory Authority use  
This registration must be revalidated after ten (10) years from the date of acceptance.  
CRN: 0A20418.5  
FID#: 614  
Notes:  
1. All fittings shall be registered in the name of the Manufacturer.  
2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.  
3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.  
4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.  
**ACCEPTED**  
PROVINCE OF PRINCE EDWARD ISLAND  
COMMUNITIES, LAND & ENVIRONMENT  
C.R.N. 0A20418.59  
DATE: June 22 2018  
[Signature]  
INSPECTION SERVICES SECTION  
BOILER/PRESSURE VESSEL BRANCH

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: CONTROLS CORPORATION OF AMERICA

MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA

PLANT LOCATIONS: (SAME)

CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY

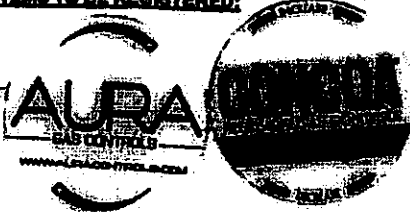
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers  
 B Flanges: all flanges  
 C Valves: all line valves  
 D Expansion joints, flexible connections, and hose assemblies: all types  
 E Strainers, filters, separators, and steam traps  
 F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters  
 G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs  
 H Pressure retaining components that do not fall into one of the above categories  
 N Nuclear components: Class 1  Class 2  Class 3  (Meeting AECB or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION  
PROOF TEST = 4 x Max Design PRESSURE

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

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

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

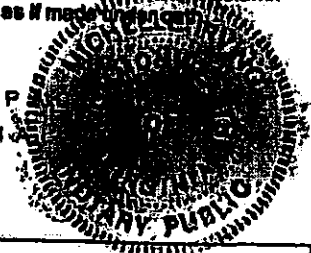


DECLARATION:

I, JOHN FRIEDRICHS (see note 1) 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 by oath.

Signature of Declarer: [Signature]  
Declared before me at Virginia Beach, VA  
This 4<sup>th</sup> day of April AD 2018  
Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SP  
OFFICE



(Affix Official seal to the right) #7015728 EX 31 MAY 2022

This space for Regulatory Authority use

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

CRN: 0A20418.5

FID#: 614

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

BOILER & PRESSURE VESSEL  
NOVA SCOTIA  
Date June 22/18  
C.R.N. 0A20418.5B  
Dwg. as described  
Signed Yvonne Perry  
1 of 1  
Part  
ACT & REGULATIONS





**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

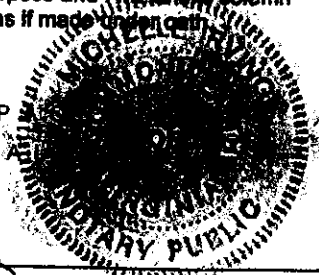
NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
<p><b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b></p> <p><input checked="" type="radio"/> <b>A</b> Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p><input type="radio"/> <b>B</b> Flanges: all flanges</p> <p><input type="radio"/> <b>C</b> Valves: all line valves</p> <p><input type="radio"/> <b>D</b> Expansion joints, flexible connections, and hose assemblies: all types</p> <p><input type="radio"/> <b>E</b> Strainers, filters, separators, and steam traps</p> <p><input type="radio"/> <b>F</b> Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p><input type="radio"/> <b>G</b> Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p><input type="radio"/> <b>H</b> Pressure retaining components that do not fall into one of the above categories</p> <p><input type="radio"/> <b>N</b> Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/>. (Meeting AECB or ASME requirements)</p>	<p><b>TITLE OF THE STANDARD OF CONSTRUCTION</b></p> <p align="center"><u>PROOF TEST</u> <u>= 4 x MAX DESIGN</u> <u>PRESSURE</u></p>
<p><b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b></p> <p align="center"><u>SEE BELOW</u></p>	<p><b>TYPE OF CONSTRUCTION</b></p> <p>FORGED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/>          CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>          DESCRIBE OTHER: <u>MACHINED BARSTOCK</u></p>
<p><b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b></p> <p><u>SCOPE</u> <u>TEST REPORTS AND REPRESENTATIVE SKETCH</u> <u>DESIGN DRAWINGS</u></p> <div style="text-align: right;">   </div>	

**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: [Signature]  
 Declared before me at Virginia Beach, VA  
 This 4<sup>TH</sup> day of April AD 2018  
 Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



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

<p>This space for Regulatory Authority use</p> <p align="center">This registration must be revalidated after ten (10) years from the date of registration</p> <p>CRN: <u>0A20418.5</u></p> <p>FID#: <u>614</u></p> <p>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.</p>	<p><b>New Brunswick</b>          DEPT OF PUBLIC SAFETY          BOILER &amp; PRESSURE VESSEL ACT</p> <p>REGISTRATION ONLY</p> <p>CRN <u>0A20418.57</u></p> <p>EXAMINER <u>[Signature]</u>          for          CHIEF REGISTER INSPECTOR</p> <p>DATE <u>6/22/2018</u></p> <p><input type="checkbox"/> BLRs <input type="checkbox"/> PVs  <input checked="" type="checkbox"/> FITTINGS <input type="checkbox"/> COMPONENTS</p>
---	---

**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY <input checked="" type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers <input type="radio"/> B Flanges: all flanges <input type="radio"/> C Valves: all line valves <input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types <input type="radio"/> E Strainers, filters, separators, and steam traps <input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters <input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs <input type="radio"/> H Pressure retaining components that do not fall into one of the above categories <input type="radio"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECB or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION  <p align="center">PROOF TEST = 4 x MAX DESIGN PRESSURE</p>
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT  <p align="center">SEE BELOW</p>	TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER:  <p align="center">MACHINED BARSTOCK</p>
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:  SCOPE TEST REPORTS AND REPRESENTATIVE SKETCH DESIGN DRAWINGS	

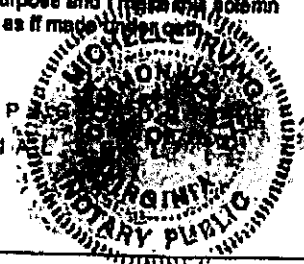


**DECLARATION:**

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: [Signature]  
 Declared before me at Virginia Beach, VA  
 This 9<sup>TH</sup> day of April AD 2018  
 Commissioner of Oaths or Notary Public: (sign) [Signature]

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(Affix Official seal to the right) #7015728 EX 31 MAY 2022

This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>0A20418.5</u> FID#: <u>614</u>	Newfoundland Labrador Service NL Registered <u>0A20418.50</u> Date <u>26 JUNE 2018</u> Engineering and Inspection Services Registered by <u>[Signature]</u>
Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS

**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: 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

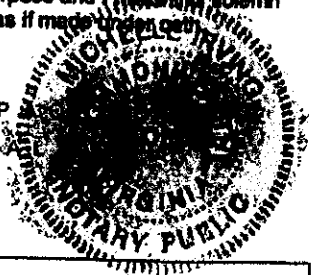
**LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:**  
SCOPE  
TEST REPORTS AND REPRESENTATIVE SKETCH  
DESIGN DRAWINGS



**DECLARATION:**  
 I JOHN FRIEDRICHS (see note 2) employed by CONCOA and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by 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 4<sup>TH</sup> day of April AD 2018  
 Commissioner of Oaths or Notary Public: (sign) 

USE THIS SPACE FOR OFFICIAL SEAL




(Affix Official seal to the right) #701828 EX 31 MAY 2022

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

CRN: 0A20418.5  
 FID#: 614

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





**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
<p><b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b></p> <p><input checked="" type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers  <input type="radio"/> B Flanges: all flanges  <input type="radio"/> C Valves: all line valves  <input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types  <input type="radio"/> E Strainers, filters, separators, and steam traps  <input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters  <input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs  <input type="radio"/> H Pressure retaining components that do not fall into one of the above categories  <input type="radio"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECD or ASME requirements)</p>	<p><b>TITLE OF THE STANDARD OF CONSTRUCTION</b></p> <p align="center">PROOF TEST = 4 x MAX DESIGN PRESSURE</p>
<p><b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b></p> <p align="center">SEE BELOW</p>	<p><b>TYPE OF CONSTRUCTION</b></p> <p>FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/>          CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>          DESCRIBE OTHER: <u>MACHINED BARSTOCK</u></p>
<p><b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b></p> <p>SCOPE          TEST REPORTS AND REPRESENTATIVE SKETCH          DESIGN DRAWINGS</p> <div style="text-align: right;">   </div>	

**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: [Signature]

Declared before me at Virginia Beach, VA

This 4<sup>th</sup> 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) #701828 EX 31 MAY 2022

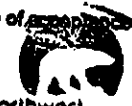
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This registration must be revalidated after ten (10) years from the date of approval.

CRN: 0A20418.5

FID#: 614

Notes:  
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 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.



Northwest Territories  
**REGISTERED**  
 UNDER THE AUTHORITY OF  
 THE BOILER AND PRESSURE  
 VESSEL ACT.  
 C.R.N. 0A20418.5  
 SIGNED [Signature]  
 DATE June 22, 2018

916700

**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

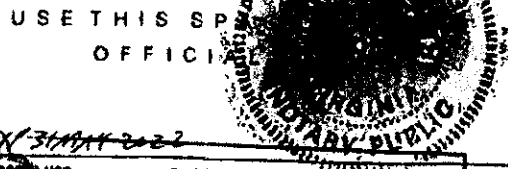
**LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:**

SCOPE  
 TEST REPORTS AND REPRESENTATIVE SKETCH:  
 DESIGN DRAWINGS

**DECLARATION:**  
 I JOHN FRIEDRICHS (print name) employed by CONCOR and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by INTERTEK as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer:   
 Declared before me at Virginia Beach, VA  
 This 9<sup>th</sup> day of April AD 2018  
 Commissioner of Oaths or Notary Public: (sign) 




(Affix Official seal to the right) # 7015125 2X-314911-2022

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

CRN: 0A20418.5  
 FID#: 614

**NUNAVUT**  
 Boilers and Pressure Vessels Act

**REGISTERED**

CRN 0A20418, SN  
 Date June 22, 2018  
 Signed   
 Chief Inspector

- 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.

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](http://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.: 2324506  
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.: 0A20418.59870YTN.

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](mailto: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](mailto: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: <b>CONTROLS CORPORATION OF AMERICA</b>	
MANUFACTURERS ADDRESS: <b>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</b>	
PLANT LOCATIONS: <b>(SAME)</b>	
<b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b> <input checked="" type="radio"/> <b>A</b> Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers <input type="radio"/> <b>B</b> Flanges: all flanges <input type="radio"/> <b>C</b> Valves: all line valves <input type="radio"/> <b>D</b> Expansion joints, flexible connections, and hose assemblies: all types <input type="radio"/> <b>E</b> Strainers, filters, separators, and steam traps <input type="radio"/> <b>F</b> Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters <input type="radio"/> <b>G</b> Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs <input type="radio"/> <b>H</b> Pressure retaining components that do not fall into one of the above categories <input type="radio"/> <b>N</b> Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> . (Meeting AECB or ASME requirements)	<b>TITLE OF THE STANDARD OF CONSTRUCTION</b>  <b>PROOF TEST</b> <b>= 4 x MAX DESIGN</b> <b>PRESSURE</b>
<b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b>  <b>SEE BELOW</b>	<b>TYPE OF CONSTRUCTION</b> FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER: <b>MACHINED BARSTOCK</b>
<b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b>  <b>SCOPE</b> <b>TEST REPORTS AND REPRESENTATIVE SKETCH</b> <b>DESIGN DRAWINGS</b>	



**DECLARATION:**

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Signature of Declarer:

Declared before me at

Virginia Beach, VA

This 4<sup>th</sup> day of

April AD 2018

Commissioner of Oaths or Notary Public: (sign)

(Affix Official seal to the right) #701578 EX 30 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: 0A20418.5

FID#: 614

**Notes:**

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

**ACCEPTED**  
**PROVINCE OF PRINCE EDWARD ISLAND**  
**COMMUNITIES, LAND & ENVIRONMENT**

C.R.N. 0A20418.59

DATE: June 22 2018

Denise M. Gable  
**INSPECTION SERVICES SECTION**  
**BOILER/PRESSURE VESSEL BRANCH**

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: CONTROLS CORPORATION OF AMERICA

MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA

PLANT LOCATIONS: (SAME)

CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY

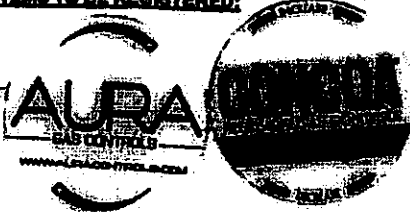
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers  
 B Flanges: all flanges  
 C Valves: all line valves  
 D Expansion joints, flexible connections, and hose assemblies: all types  
 E Strainers, filters, separators, and steam traps  
 F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters  
 G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs  
 H Pressure retaining components that do not fall into one of the above categories  
 N Nuclear components: Class 1  Class 2  Class 3  (Meeting AECB or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION  
PROOF TEST = 4 x Max Design PRESSURE

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

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

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

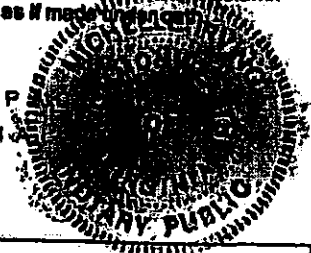


DECLARATION:

I, JOHN FRIEDRICHS (see note 1) 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 by oath.

Signature of Declarer: [Signature]  
Declared before me at Virginia Beach, VA  
This 4<sup>TH</sup> day of April AD 2018  
Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SP  
OFFICE



(Affix Official seal to the right) #7015728 EX 31 MAY 2022

This space for Regulatory Authority use

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

CRN: 0A20418.5

FID#: 614

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

BOILER & PRESSURE VESSEL  
NOVA SCOTIA  
Date June 22/18  
C.R.N. 0A20418.5B  
Dwg. as described  
Signed Yvonne Perry  
1 of 1  
Part  
ACT & REGULATIONS





**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

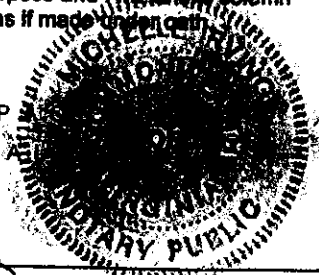
NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
<p><b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b></p> <p><input checked="" type="radio"/> <b>A</b> Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p><input type="radio"/> <b>B</b> Flanges: all flanges</p> <p><input type="radio"/> <b>C</b> Valves: all line valves</p> <p><input type="radio"/> <b>D</b> Expansion joints, flexible connections, and hose assemblies: all types</p> <p><input type="radio"/> <b>E</b> Strainers, filters, separators, and steam traps</p> <p><input type="radio"/> <b>F</b> Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p><input type="radio"/> <b>G</b> Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p><input type="radio"/> <b>H</b> Pressure retaining components that do not fall into one of the above categories</p> <p><input type="radio"/> <b>N</b> Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/>. (Meeting AECB or ASME requirements)</p>	<p><b>TITLE OF THE STANDARD OF CONSTRUCTION</b></p> <p align="center"><u>PROOF TEST</u> <u>= 4 x MAX DESIGN</u> <u>PRESSURE</u></p>
<p><b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b></p> <p align="center"><u>SEE BELOW</u></p>	<p><b>TYPE OF CONSTRUCTION</b></p> <p>FORGED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/>          CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>          DESCRIBE OTHER: <u>MACHINED BARSTOCK</u></p>
<p><b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b></p> <p><u>SCOPE</u> <u>TEST REPORTS AND REPRESENTATIVE SKETCH</u> <u>DESIGN DRAWINGS</u></p> <div style="text-align: right;">   </div>	

**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: [Signature]  
 Declared before me at Virginia Beach, VA  
 This 4<sup>TH</sup> day of April AD 2018  
 Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



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

<p>This space for Regulatory Authority use</p> <p align="center">This registration must be revalidated after ten (10) years from the date of registration</p> <p>CRN: <u>0A20418.5</u></p> <p>FID#: <u>614</u></p> <p>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.</p>	<p align="center"><b>Brunswick</b>          DEPT OF PUBLIC SAFETY          BOILER &amp; PRESSURE VESSEL ACT</p> <p align="center">REGISTRATION ONLY</p> <p>CRN <u>0A20418.57</u></p> <p>EXAMINER <u>[Signature]</u>          for          CHIEF REGISTER INSPECTOR</p> <p>DATE <u>6/22/2018</u></p> <p><input type="checkbox"/> BLRs <input type="checkbox"/> PVs  <input checked="" type="checkbox"/> FITTINGS <input type="checkbox"/> COMPONENTS</p>
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**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY <input checked="" type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers <input type="radio"/> B Flanges: all flanges <input type="radio"/> C Valves: all line valves <input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types <input type="radio"/> E Strainers, filters, separators, and steam traps <input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters <input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs <input type="radio"/> H Pressure retaining components that do not fall into one of the above categories <input type="radio"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECB or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION  <p align="center">PROOF TEST = 4 x MAX DESIGN PRESSURE</p>
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT  <p align="center">SEE BELOW</p>	TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER:  <p align="center">MACHINED BARSTOCK</p>
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:  SCOPE TEST REPORTS AND REPRESENTATIVE SKETCH DESIGN DRAWINGS	

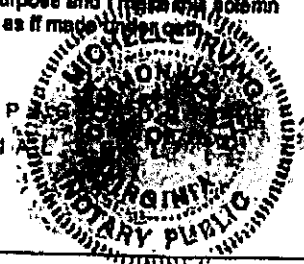


**DECLARATION:**

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 (make the 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 9<sup>TH</sup> 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) #7015728 EX 31 MAY 2022

This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>0A20418.5</u> FID#: <u>614</u>	Newfoundland Labrador Service NL Registered <u>0A20418.50</u> Date <u>26 JUNE 2018</u> Engineering and Inspection Services Registered by <u>[Signature]</u>
Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS

**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: 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

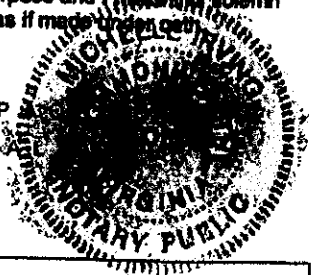
**LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:**  
SCOPE  
TEST REPORTS AND REPRESENTATIVE SKETCH  
DESIGN DRAWINGS



**DECLARATION:**  
 I JOHN FRIEDRICHS (see note 2) employed by CONCOA and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by 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 4<sup>TH</sup> 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) #701828 EX 31 MAY 2022

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

CRN: 0A20418.5  
 FID#: 614

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




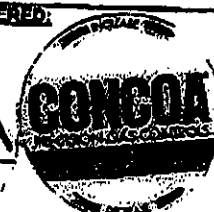
**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
<b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b>	
<p><input checked="" type="radio"/> <b>A</b> Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p><b>B</b> Flanges: all flanges</p> <p><b>C</b> Valves: all line valves</p> <p><b>D</b> Expansion joints, flexible connections, and hose assemblies: all types</p> <p><b>E</b> Strainers, filters, separators, and steam traps</p> <p><b>F</b> Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p><b>G</b> Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p><b>H</b> Pressure retaining components that do not fall into one of the above categories</p> <p><b>N</b> Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/>. (Meeting AECD or ASME requirements)</p>	<p>TITLE OF THE STANDARD OF CONSTRUCTION</p> <p align="center"><b>PROOF TEST</b> = 4 x MAX DESIGN <b>PRESSURE</b></p>
<b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b>	
<p align="center"><b>SEE BELOW</b></p>	<p style="text-align: center;"><b>TYPE OF CONSTRUCTION</b></p> <p>FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER:</p> <p align="center"><b>MACHINED BARSTOCK</b></p>
<b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b>	
<p><b>SCOPE</b></p> <p><b>TEST REPORTS AND REPRESENTATIVE SKETCH</b></p> <p><b>DESIGN DRAWINGS</b></p> <div style="text-align: right;">   </div>	

**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: [Signature]

Declared before me at Virginia Beach, VA

This 4<sup>th</sup> day of April AD 2018

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

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(Affix Official seal to the right) #701828 EX 31 MAY 2022

This space for Regulatory Authority use

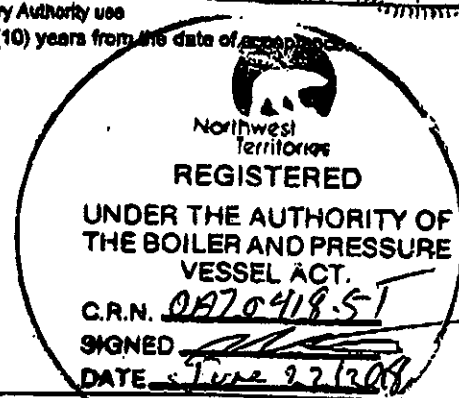
This registration must be revalidated after ten (10) years from the date of approval.

CRN: 0A20418.5

FID#: 614

Notes:

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



16700



**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
<p align="center"><b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b></p> <p><input checked="" type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p><input type="radio"/> B Flanges: all flanges</p> <p><input type="radio"/> C Valves: all line valves</p> <p><input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types</p> <p><input type="radio"/> E Strainers, filters, separators, and steam traps</p> <p><input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p><input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p><input type="radio"/> H Pressure retaining components that do not fall into one of the above categories</p> <p><input type="radio"/> I Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECB or ASME requirements)</p>	<p align="center"><b>TITLE OF THE STANDARD OF CONSTRUCTION</b></p> <p align="center">PROOF TEST = 4 x Max Design PRESSURE</p>
<p><b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b></p> <p align="center">SEE BELOW</p>	<p align="center"><b>TYPE OF CONSTRUCTION</b></p> <p>FORGED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER: <u>MACHINED BARSTOCK</u></p>
<p><b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b></p> <p>SCOPE TEST REPORTS AND REPRESENTATIVE SKETCH: DESIGN DRAWINGS</p> <div style="text-align: right;">   </div>	

**DECLARATION:**

I JOHN FRIEDRICHS (print name) employed by CONCOR and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by INTERTEK as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: 

Declared before me at Virginia Beach, VA


This 9<sup>th</sup> day of April AD 2018

Commissioner of Oaths  
or Notary Public: (sign) 

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) # 7015125 EX-31444-2022

<p align="center">This space for Regulatory Affairs use This registration must be revalidated after ten (10) years from the date of acceptance.</p> <p>CRN: <u>0A20418.5</u></p> <p>FID#: <u>614</u></p> <p><b>Notes:</b></p> <ol style="list-style-type: none"> <li>All fittings shall be registered in the name of the Manufacturer.</li> <li>Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.</li> <li>The declaration shall be made by the person having full authority and responsibility for the quality of the end product.</li> <li>Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.</li> </ol>	<p align="center"><b>NUNAVUT</b></p> <p align="center">Boilers and Pressure Vessels Act</p> <p align="center"><b>REGISTERED</b></p> <p>CRN <u>0A20418, SN</u></p> <p>Date <u>June 22, 2018</u></p> <p>Signed  Chief Inspector</p> <p align="center">Territorial Registration Fee</p>
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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](http://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.: 2324506  
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.: 0A20418.59870YTN.

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](mailto: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](mailto: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:  
SCOPE  
TEST REPORTS AND REPRESENTATIVE SKETCH  
DESIGN DRAWINGS



DECLARATION:  
I, JOHN FRIEDRICHS (see note 3) employed by CON COR 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 4<sup>th</sup> day of April AD 2018  
Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SPACE FOR OFFICIAL SIGNATURE



(Affix Official seal to the right) #701578 EX 31 MAY 2022

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

CRN: 0A20418.5  
FID#: 614

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

**ACCEPTED**  
PROVINCE OF PRINCE EDWARD ISLAND  
COMMUNITIES, LAND & ENVIRONMENT  
C.R.N. 0A20418.59  
DATE: June 22 2018  
[Signature]  
INSPECTION SERVICES SECTION  
BOILER/PRESSURE VESSEL BRANCH

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: CONTROLS CORPORATION OF AMERICA

MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA

PLANT LOCATIONS: (SAME)

CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY

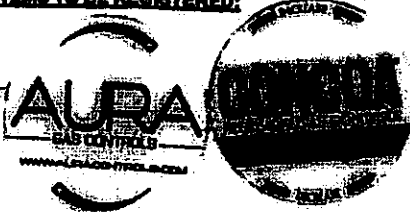
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers  
 B Flanges: all flanges  
 C Valves: all line valves  
 D Expansion joints, flexible connections, and hose assemblies: all types  
 E Strainers, filters, separators, and steam traps  
 F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters  
 G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs  
 H Pressure retaining components that do not fall into one of the above categories  
 N Nuclear components: Class 1  Class 2  Class 3  (Meeting AECB or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION  
PROOF TEST = 4 x Max Design PRESSURE

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

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

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

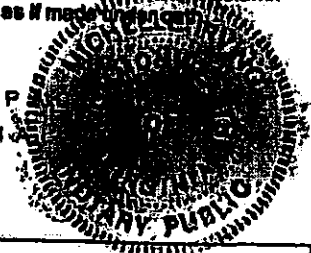


DECLARATION:

I, JOHN FRIEDRICHS (see note 1) 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 by oath.

Signature of Declarer: [Signature]  
Declared before me at Virginia Beach, VA  
This 4<sup>th</sup> day of April AD 2018  
Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SP  
OFFICE



(Affix Official seal to the right) #7015728 EX 31 MAY 2022

This space for Regulatory Authority use

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

CRN: 0A20418.5

FID#: 614

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

BOILER & PRESSURE VESSEL  
NOVA SCOTIA  
Date June 22/18  
C.R.N. 0A20418.5B  
Dwg. as described  
Signed Yvonne Perry  
1 of 1  
Part  
ACT & REGULATIONS





**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

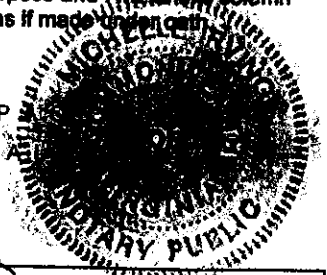
NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
<p><b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b></p> <p><input checked="" type="radio"/> <b>A</b> Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p><input type="radio"/> <b>B</b> Flanges: all flanges</p> <p><input type="radio"/> <b>C</b> Valves: all line valves</p> <p><input type="radio"/> <b>D</b> Expansion joints, flexible connections, and hose assemblies: all types</p> <p><input type="radio"/> <b>E</b> Strainers, filters, separators, and steam traps</p> <p><input type="radio"/> <b>F</b> Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p><input type="radio"/> <b>G</b> Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p><input type="radio"/> <b>H</b> Pressure retaining components that do not fall into one of the above categories</p> <p><input type="radio"/> <b>N</b> Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/>. (Meeting AECB or ASME requirements)</p>	<p><b>TITLE OF THE STANDARD OF CONSTRUCTION</b></p> <p align="center"><u>PROOF TEST</u> <u>= 4 x MAX DESIGN</u> <u>PRESSURE</u></p>
<p><b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b></p> <p align="center"><u>SEE BELOW</u></p>	<p><b>TYPE OF CONSTRUCTION</b></p> <p>FORGED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/>          CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>          DESCRIBE OTHER: <u>MACHINED BARSTOCK</u></p>
<p><b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b></p> <p><u>SCOPE</u> <u>TEST REPORTS AND REPRESENTATIVE SKETCH</u> <u>DESIGN DRAWINGS</u></p> <div style="text-align: right;">   </div>	

**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: [Signature]  
 Declared before me at Virginia Beach, VA  
 This 4<sup>TH</sup> day of April AD 2018  
 Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SPACE FOR OFFICIAL SIGNATURE



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

<p>This space for Regulatory Authority use</p> <p align="center">This registration must be revalidated after ten (10) years from the date of registration</p> <p>CRN: <u>0A20418.5</u></p> <p>FID#: <u>614</u></p> <p>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.</p>	<p><b>New Brunswick</b>          DEPT OF PUBLIC SAFETY          BOILER &amp; PRESSURE VESSEL ACT</p> <p>REGISTRATION ONLY</p> <p>CRN <u>0A20418.57</u></p> <p>EXAMINER <u>[Signature]</u>          for          CHIEF REGISTER INSPECTOR</p> <p>DATE <u>6/22/2018</u></p> <p><input type="checkbox"/> BLRs <input type="checkbox"/> PVs  <input checked="" type="checkbox"/> FITTINGS <input type="checkbox"/> COMPONENTS</p>
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**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY <input checked="" type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers <input type="radio"/> B Flanges: all flanges <input type="radio"/> C Valves: all line valves <input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types <input type="radio"/> E Strainers, filters, separators, and steam traps <input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters <input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs <input type="radio"/> H Pressure retaining components that do not fall into one of the above categories <input type="radio"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECB or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION  <p align="center">PROOF TEST = 4 x MAX DESIGN PRESSURE</p>
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT  <p align="center">SEE BELOW</p>	TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER:  <p align="center">MACHINED BARSTOCK</p>
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:  SCOPE TEST REPORTS AND REPRESENTATIVE SKETCH DESIGN DRAWINGS	

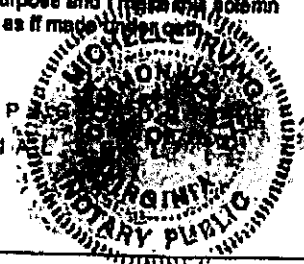


**DECLARATION:**

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 (make the 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 9<sup>TH</sup> 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) #7015728 EX 31 MAY 2022

This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>0A20418.5</u> FID#: <u>614</u>	Newfoundland Labrador Service NL Registered <u>0A20418.50</u> Date <u>26 JUNE 2018</u> Engineering and Inspection Services Registered by <u>[Signature]</u>
Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS

**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: 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:**

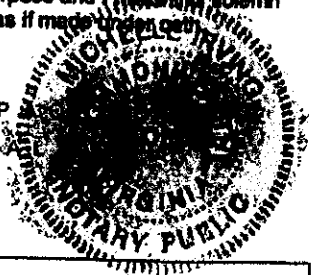
SCOPE  
TEST REPORTS AND REPRESENTATIVE SKETCH  
DESIGN DRAWINGS



**DECLARATION:**  
 I JOHN FRIEDRICHS (see note 2) employed by CONCOA and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by 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 4<sup>TH</sup> day of April AD 2018  
 Commissioner of Oaths or Notary Public: (sign) 

USE THIS SPACE FOR OFFICIAL SEAL




(Affix Official seal to the right) #701828 EX 31 MAY 2022

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

CRN: 0A20418.5  
 FID#: 614

Notes:  
 1. All fittings shall be registered in the name of the Manufacturer.  
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 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.  
 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.




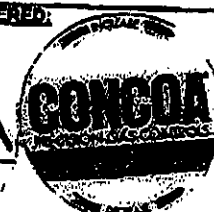
**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
<p><b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b></p> <p><input checked="" type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers  <input type="radio"/> B Flanges: all flanges  <input type="radio"/> C Valves: all line valves  <input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types  <input type="radio"/> E Strainers, filters, separators, and steam traps  <input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters  <input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs  <input type="radio"/> H Pressure retaining components that do not fall into one of the above categories  <input type="radio"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/>. (Meeting AECD or ASME requirements)</p>	<p><b>TITLE OF THE STANDARD OF CONSTRUCTION</b></p> <p align="center">PROOF TEST = 4 x MAX DESIGN PRESSURE</p>
<p><b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b></p> <p align="center">SEE BELOW</p>	<p><b>TYPE OF CONSTRUCTION</b></p> <p>FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/>          CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>          DESCRIBE OTHER: <u>MACHINED BARSTOCK</u></p>
<p><b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b></p> <p>SCOPE          TEST REPORTS AND REPRESENTATIVE SKETCH          DESIGN DRAWINGS</p> <div style="text-align: right;">   </div>	

**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: [Signature]

Declared before me at Virginia Beach, VA

This 4<sup>th</sup> 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) #701828 EX 31 MAY 2022

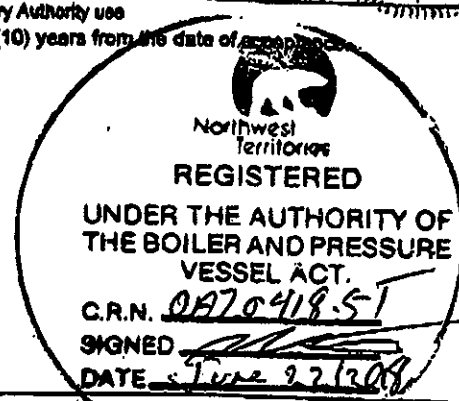
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This registration must be revalidated after ten (10) years from the date of approval.

CRN: 0A20418.5

FID#: 614

Notes:  
 1. All fittings shall be registered in the name of the Manufacturer.  
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 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.  
 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.



Northwest Territories  
REGISTERED  
UNDER THE AUTHORITY OF  
THE BOILER AND PRESSURE  
VESSEL ACT.  
C.R.N. 0A20418.5  
SIGNED [Signature]  
DATE June 22, 2018

916700



**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
<p><b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b></p> <p><input checked="" type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers  <input type="radio"/> B Flanges: all flanges  <input type="radio"/> C Valves: all line valves  <input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types  <input type="radio"/> E Strainers, filters, separators, and steam traps  <input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters  <input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs  <input type="radio"/> H Pressure retaining components that do not fall into one of the above categories  <input type="radio"/> I Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECB or ASME requirements)</p>	<p><b>TITLE OF THE STANDARD OF CONSTRUCTION</b></p> <p align="center">PROOF TEST = 4 x Max Design PRESSURE</p>
<p><b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b></p> <p align="center">SEE BELOW</p>	<p><b>TYPE OF CONSTRUCTION</b></p> <p>FORGED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/>          CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>          DESCRIBE OTHER: <u>MACHINED BARSTOCK</u></p>
<p><b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b></p> <p>SCOPE TEST REPORTS AND REPRESENTATIVE SKETCH: DESIGN DRAWINGS</p> <div style="text-align: right;">   </div>	

**DECLARATION:**

I JOHN FRIEDRICHS (print name) employed by CONCOR and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by INTERTEK as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: 

Declared before me at Virginia Beach, VA


This 9<sup>th</sup> day of April AD 2018

Commissioner of Oaths or Notary Public: (sign) 

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) # 7015125 2X-314911-2022

<p>This space for Regulatory Affairs use</p> <p>This registration must be revalidated after ten (10) years from the date of acceptance.</p> <p>CRN: <u>0A20418.5</u></p> <p>FID#: <u>614</u></p> <p><b>Notes:</b></p> <ol style="list-style-type: none"> <li>All fittings shall be registered in the name of the Manufacturer.</li> <li>Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.</li> <li>The declaration shall be made by the person having full authority and responsibility for the quality of the end product.</li> <li>Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.</li> </ol>	<p align="center"><b>NUNAVUT</b></p> <p align="center">Boilers and Pressure Vessels Act</p> <p align="center"><b>REGISTERED</b></p> <p>CRN <u>0A20418, SN</u></p> <p>Date <u>June 22, 2018</u></p> <p>Signed  Chief Inspector</p> <p align="center">Territorial Registration Fee</p>
---	---



345 Carlingview Drive  
Toronto, Ontario M9W 6N9  
Tel: 416-734-3300  
Fax: 416-231-1626  
Toll Free: 1-877-682-8772

[www.tssa.org](http://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.: 2285212  
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.:** 0A20418.5  
**Main Design No.:** SEE SCOPE -FITTINGS TYPE A-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.

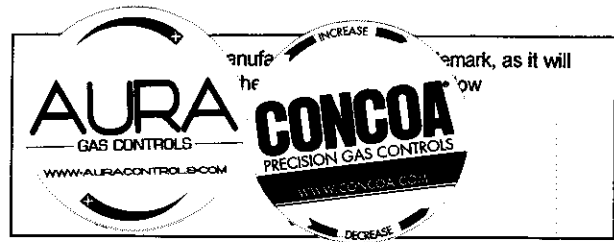
A stamped copy of the approved registration and invoice for engineering services will be sent to you shortly. Should you have any questions or require further assistance, however, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail [customerservices@tssa.org](mailto:customerservices@tssa.org). 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](mailto:zgacevic@tssa.org)



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



## STATUTORY DECLARATION Registration of Fittings

I, MICHAEL SIMS, MECHANICAL DESIGN ENGINEER  
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of CONCOA  
(Name of Manufacturer)

Located at 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 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 Proof Pressure = 4 x Max Design Press as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001 which has been verified by the following authority, Intertek Services Corporation

The items covered by this declaration, for which I seek registration, are category A 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 4<sup>th</sup> day of April AD 2018.

Commissioner for Oaths:

Michelle Irving  
(Printed name)  
[Signature]  
(Signature)

Michael Sims  
(Signature of Declarer)

#705578 EXP 21 MAY 2022

### FOR OFFICE USE ONLY

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

Technical Standards and Safety Authority  
 Boilers and Pressure Vessels Safety Program

CRN: 0A20918.5

Registered by: ZIVKO GACEVIC

Dated: Jun. 5, 2018

REGISTERED

CRN: 0A20918.5

Signed: [Signature]

Date: Jun. 5, 2018

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

- Design Code: B31.3 2006  
 Notes: - See attached Scope of Registration. 2.6. 6/01/18

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

## SCOPE FOR FITTINGS TYPE A - REV 1

(Temperature Range: -40°F to 140°F)

Brass Barstock Fittings	Stainless Barstock Fittings
<b>TEST-33</b> CONCOA Cross Fittings using Brass Barstock. Design Pressure: 5500 psig / Observed Burst Pressure: 26000 psi (The following parts are examples of this construction: 8308137, 8308138, 8308883, 8308884, etc.)	<b>TEST-43</b> CONCOA Tee Fittings using Stainless Barstock. Design Pressure: 3000 psig / Observed Burst Pressure: 20000 psi (The following series are examples of this construction: 8309272, etc.)
<b>TEST-36</b> CONCOA Medical Tee Fittings using Brass Barstock. Design Pressure: 3000 psig / Observed Burst Pressure: 15000 psi (The following series are examples of this construction: 8305659, etc.)	<b>TEST-44</b> CONCOA Cross Fittings using Stainless Barstock. Design Pressure: 6000 psig / Observed Burst Pressure: 32000 psi (The following parts are examples of this construction: 8308139, 8308844, etc.)
<b>TEST-41</b> CONCOA Bulkhead Reducer Fittings using Brass Barstock. Design Pressure: 4500 psig / Observed Burst Pressure: 25000 psi (The following series are examples of this construction: 8305335, etc.)	
<b>TEST-42</b> CONCOA Tee Fittings using Brass Barstock. Design Pressure: 3000 psig / Observed Burst Pressure: 21000 psi (The following series are examples of this construction: 8309270, 8309271, etc.)	

THIS IS PART OF

CRN 0A20418.5

Technical Standards & Safety Authority  
Boilers & Pressure Vessels  
Safety Program

Z. G. 6/15/78



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 7-1/16 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 2-1/8 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 2-1/8 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 2-1/8 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	32000	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	175	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

THIS IS PART OF  
 CRN 0A20418.5  
 Technical Standards & Safety Authority  
 Boilers & Pressure Vessels  
 Safety Program

2. G. 615/78



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](http://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.: 2324506  
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.: 0A20418.59870YTN.

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](mailto: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](mailto: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:  
SCOPE  
TEST REPORTS AND REPRESENTATIVE SKETCH  
DESIGN DRAWINGS

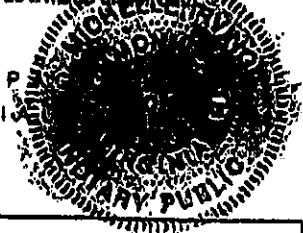


**DECLARATION:**

I, JOHN FRIEDRICHS (see note 3) employed by CON COR 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 4<sup>th</sup> day of April AD 2018  
Commissioner of Oaths or Notary Public: [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) #701578 EX 30 MAY 2022

This space for Regulatory Authority use

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

CRN: 0A20418.5  
FID#: 614

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

ACCEPTED  
PROVINCE OF PRINCE EDWARD ISLAND  
COMMUNITIES, LAND & ENVIRONMENT

C.R.N. 0A20418.59  
DATE: June 22 2018  
[Signature]  
INSPECTION SERVICES SECTION  
BOILER/PRESSURE VESSEL BRANCH

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: CONTROLS CORPORATION OF AMERICA

MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA

PLANT LOCATIONS: (SAME)

CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY

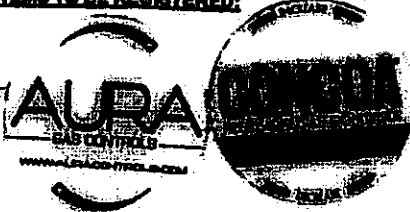
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers  
 B Flanges: all flanges  
 C Valves: all line valves  
 D Expansion joints, flexible connections, and hose assemblies: all types  
 E Strainers, filters, separators, and steam traps  
 F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters  
 G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs  
 H Pressure retaining components that do not fall into one of the above categories  
 N Nuclear components: Class 1  Class 2  Class 3  (Meeting AECB or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION  
PROOF TEST = 4 x Max Design PRESSURE

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

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

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

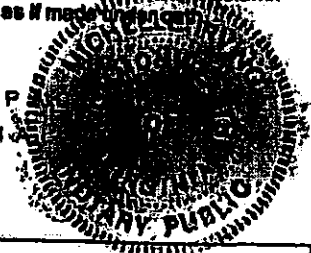


DECLARATION:

I, JOHN FRIEDRICHS (see note 1) 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 by oath.

Signature of Declarer: [Signature]  
Declared before me at Virginia Beach, VA  
This 4<sup>th</sup> 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) #7015728 EX 31 MAY 2022

This space for Regulatory Authority use

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

CRN: 0A20418.5

FID#: 614

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

BOILER & PRESSURE VESSEL  
NOVA SCOTIA  
Date June 22/18  
C.R.N. 0A20418.5B  
Dwg. as described  
Signed Yvonne Perry  
1 of 1  
Part  
ACT & REGULATIONS



**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

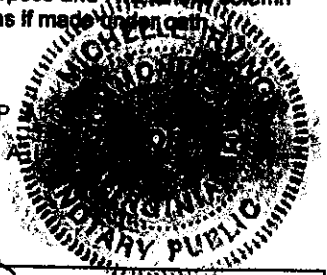
NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
<p><b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b></p> <p><input checked="" type="radio"/> <b>A</b> Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p><input type="radio"/> <b>B</b> Flanges: all flanges</p> <p><input type="radio"/> <b>C</b> Valves: all line valves</p> <p><input type="radio"/> <b>D</b> Expansion joints, flexible connections, and hose assemblies: all types</p> <p><input type="radio"/> <b>E</b> Strainers, filters, separators, and steam traps</p> <p><input type="radio"/> <b>F</b> Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p><input type="radio"/> <b>G</b> Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p><input type="radio"/> <b>H</b> Pressure retaining components that do not fall into one of the above categories</p> <p><input type="radio"/> <b>N</b> Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/>. (Meeting AECB or ASME requirements)</p>	<p><b>TITLE OF THE STANDARD OF CONSTRUCTION</b></p> <p align="center"><u>PROOF TEST</u> <u>= 4 x MAX DESIGN</u> <u>PRESSURE</u></p>
<p><b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b></p> <p align="center"><u>SEE BELOW</u></p>	<p><b>TYPE OF CONSTRUCTION</b></p> <p>FORGED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/>          CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>          DESCRIBE OTHER: <u>MACHINED BARSTOCK</u></p>
<p><b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b></p> <p><u>SCOPE</u> <u>TEST REPORTS AND REPRESENTATIVE SKETCH</u> <u>DESIGN DRAWINGS</u></p> <div style="text-align: right;">   </div>	

**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: [Signature]  
 Declared before me at Virginia Beach, VA  
 This 4<sup>TH</sup> day of April AD 2018  
 Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



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

<p>This space for Regulatory Authority use</p> <p align="center">This registration must be revalidated after ten (10) years from the date of registration</p> <p>CRN: <u>0A20418.5</u></p> <p>FID#: <u>614</u></p> <p>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.</p>	<p align="center"><b>Brunswick</b>          DEPT OF PUBLIC SAFETY          BOILER &amp; PRESSURE VESSEL ACT</p> <p align="center">REGISTRATION ONLY</p> <p>CRN <u>0A20418.57</u></p> <p>EXAMINER: <u>[Signature]</u>          for          CHIEF REGISTER INSPECTOR</p> <p>DATE <u>6/22/2018</u></p> <p><input type="checkbox"/> BLRs <input type="checkbox"/> PVs  <input checked="" type="checkbox"/> FITTINGS <input type="checkbox"/> COMPONENTS</p>
---	--

**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY <input checked="" type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers <input type="radio"/> B Flanges: all flanges <input type="radio"/> C Valves: all line valves <input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types <input type="radio"/> E Strainers, filters, separators, and steam traps <input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters <input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs <input type="radio"/> H Pressure retaining components that do not fall into one of the above categories <input type="checkbox"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECB or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION  <p align="center">PROOF TEST = 4 x MAX DESIGN PRESSURE</p>
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT  <p align="center">SEE BELOW</p>	TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER:  <p align="center">MACHINED BARSTOCK</p>
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:  SCOPE TEST REPORTS AND REPRESENTATIVE SKETCH DESIGN DRAWINGS	

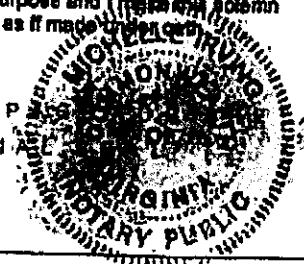


**DECLARATION:**

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: [Signature]  
 Declared before me at Virginia Beach, VA  
 This 9<sup>TH</sup> 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) #7015728 EX 31 MAY 2022

This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>0A20418.5</u> FID#: <u>614</u>	Newfoundland Labrador Service NL Registered <u>0A20418.50</u> Date <u>26 JUNE 2018</u> Engineering and Inspection Services Registered by <u>[Signature]</u>
Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS

**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: 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:**

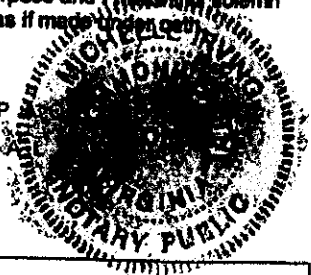
SCOPE  
TEST REPORTS AND REPRESENTATIVE SKETCH  
DESIGN DRAWINGS



**DECLARATION:**  
 I JOHN FRIEDRICHS (see note 2) employed by CONCOA and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by 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 4<sup>TH</sup> day of April AD 2018  
 Commissioner of Oaths or Notary Public: (sign) 

USE THIS SPACE FOR OFFICIAL SEAL




(Affix Official seal to the right) #701828 EX 31 MAY 2022

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

CRN: 0A20418.5  
 FID#: 614

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




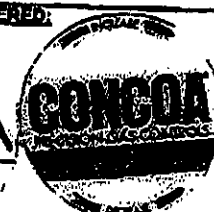
**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
<p align="center"><b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b></p> <p><input checked="" type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers  <input type="radio"/> B Flanges: all flanges  <input type="radio"/> C Valves: all line valves  <input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types  <input type="radio"/> E Strainers, filters, separators, and steam traps  <input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters  <input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs  <input type="radio"/> H Pressure retaining components that do not fall into one of the above categories  <input type="radio"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECD or ASME requirements)</p>	<p align="center"><b>TITLE OF THE STANDARD OF CONSTRUCTION</b></p> <p align="center">PROOF TEST = 4 x MAX DESIGN PRESSURE</p>
<p align="center"><b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b></p> <p align="center">SEE BELOW</p>	<p align="center"><b>TYPE OF CONSTRUCTION</b></p> <p>FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/>          CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>          DESCRIBE OTHER: <u>MACHINED BARSTOCK</u></p>
<p align="center"><b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b></p> <p>SCOPE          TEST REPORTS AND REPRESENTATIVE SKETCH          DESIGN DRAWINGS</p> <div style="text-align: right;">   </div>	

**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.

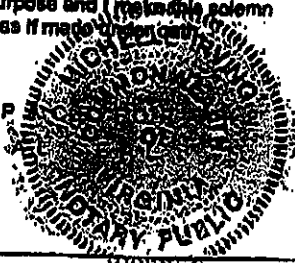
Signature of Declarer: [Signature]

Declared before me at Virginia Beach, VA

This 4<sup>th</sup> 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) #701828 EX 31 MAY 2022

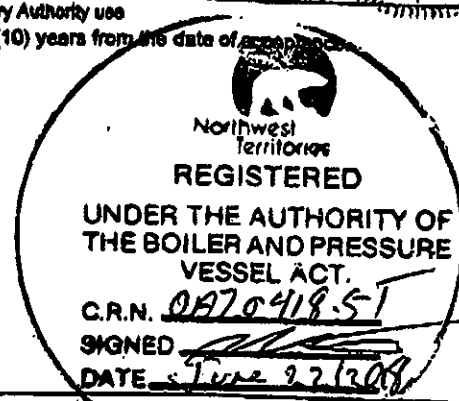
This space for Regulatory Authority use

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

CRN: 0A20418.5

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.



16700



**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  
 I Nuclear components: Class 1  Class 2  Class 3  (Meeting AECB or ASME requirements)

**TITLE OF THE STANDARD OF CONSTRUCTION**

PROOF TEST  
= 4 x Max Design  
PRESSURE

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



SEE BELOW

**TYPE OF CONSTRUCTION**



FORGED  WELDED  WROUGHT   
 CAST  OTHER   
 DESCRIBE OTHER: MACHINED BAR STOCK

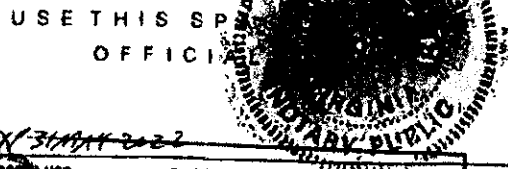
**LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:**

SCOPE  
 TEST REPORTS AND REPRESENTATIVE SKETCH:  
 DESIGN DRAWINGS

**DECLARATION:**  
 I JOHN FRIEDRICHS (print name) employed by CONCOR and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by INTERTEK as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer:   
 Declared before me at Virginia Beach, VA  
 This 9<sup>th</sup> day of April AD 2018  
 Commissioner of Oaths or Notary Public: (sign) 



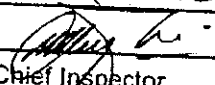
(Affix Official seal to the right) # 7015125 2X-314911-2022

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

CRN: 0A20418.5  
 FID#: 614

**NUNAVUT**  
 Boilers and Pressure Vessels Act

**REGISTERED**

CRN 0A20418, SN  
 Date June 22, 2018  
 Signed   
 Chief Inspector

- 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.
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  4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.

Territorial Registration Fee



345 Carlingview Drive  
Toronto, Ontario  
CANADA M9W 6N9  
Tel.: 416.734.3300  
Fax.: 416.231.1626  
Toll Free: 1.877.682.8772  
[www.tssa.org](http://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.: 2324506  
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.: 0A20418.59870YTN.

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](mailto: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](mailto: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: <b>CONTROLS CORPORATION OF AMERICA</b>	
MANUFACTURERS ADDRESS: <b>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</b>	
PLANT LOCATIONS: <b>(SAME)</b>	
<b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b> <input checked="" type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers <input type="radio"/> B Flanges: all flanges <input type="radio"/> C Valves: all line valves <input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types <input type="radio"/> E Strainers, filters, separators, and steam traps <input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters <input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs <input type="radio"/> H Pressure retaining components that do not fall into one of the above categories <input type="radio"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> . (Meeting AECB or ASME requirements)	<b>TITLE OF THE STANDARD OF CONSTRUCTION</b>  <b>PROOF TEST</b> <b>= 4 x MAX DESIGN</b> <b>PRESSURE</b>
<b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b>  <b>SEE BELOW</b>	<b>TYPE OF CONSTRUCTION</b> FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER: <b>MACHINED BARSTOCK</b>
<b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b>  <b>SCOPE</b> <b>TEST REPORTS AND REPRESENTATIVE SKETCH</b> <b>DESIGN DRAWINGS</b>	



**DECLARATION:**

I, JOHN FRIEDRICHS (see note 3) employed by CON COR 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

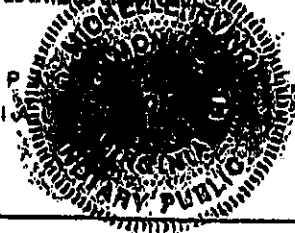
This 4<sup>th</sup> day of

April AD 2018

Commissioner of Oaths  
or Notary Public: (sign)

(Affix Official seal to the right) #701578 EX 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: 0A20418.5

FID#: 614

**Notes:**

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

**ACCEPTED**  
**PROVINCE OF PRINCE EDWARD ISLAND**  
**COMMUNITIES, LAND & ENVIRONMENT**

C.R.N. 0A20418.59

DATE: June 22 2018

Denise M. McCall  
**INSPECTION SERVICES SECTION**  
**BOILER/PRESSURE VESSEL BRANCH**

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: CONTROLS CORPORATION OF AMERICA

MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA

PLANT LOCATIONS: (SAME)

CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY

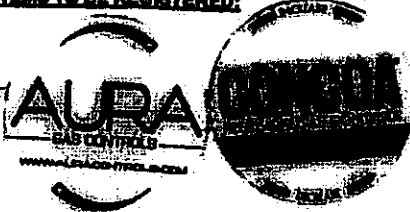
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 E Strainers, filters, separators, and steam traps  
 F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters  
 G Certified capacity-rated pressure relief devices acceptable as primary over pressure 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  
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 SKETCH  
DESIGN DRAWINGS

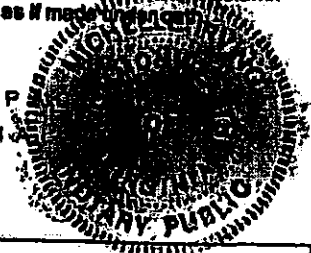


DECLARATION:

I, JOHN FRIEDRICHS (see note 1) 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 by oath.

Signature of Declarer: [Signature]  
Declared before me at Virginia Beach, VA  
This 4<sup>th</sup> 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) #7015728 EX 31 MAY 2022

This space for Regulatory Authority use

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

CRN: 0A20418.5

FID#: 614

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

BOILER & PRESSURE VESSEL  
NOVA SCOTIA  
Date June 22/18  
C.R.N. 0A20418.58  
Dwg. as described  
Signed Yvonne Perry  
1 of 1  
Part  
ACT & REGULATIONS



**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

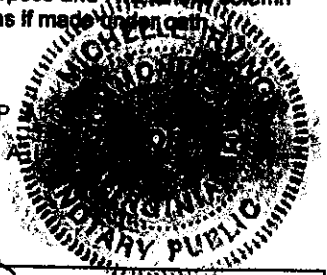
NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
<p><b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b></p> <p><input checked="" type="radio"/> <b>A</b> Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p><input type="radio"/> <b>B</b> Flanges: all flanges</p> <p><input type="radio"/> <b>C</b> Valves: all line valves</p> <p><input type="radio"/> <b>D</b> Expansion joints, flexible connections, and hose assemblies: all types</p> <p><input type="radio"/> <b>E</b> Strainers, filters, separators, and steam traps</p> <p><input type="radio"/> <b>F</b> Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p><input type="radio"/> <b>G</b> Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p><input type="radio"/> <b>H</b> Pressure retaining components that do not fall into one of the above categories</p> <p><input type="radio"/> <b>N</b> Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/>. (Meeting AECB or ASME requirements)</p>	<p><b>TITLE OF THE STANDARD OF CONSTRUCTION</b></p> <p align="center"><u>PROOF TEST</u> <u>= 4 x MAX DESIGN</u> <u>PRESSURE</u></p>
<p><b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b></p> <p align="center"><u>SEE BELOW</u></p>	<p><b>TYPE OF CONSTRUCTION</b></p> <p>FORGED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/>          CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>          DESCRIBE OTHER: <u>MACHINED BARSTOCK</u></p>
<p><b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b></p> <p><u>SCOPE</u> <u>TEST REPORTS AND REPRESENTATIVE SKETCH</u> <u>DESIGN DRAWINGS</u></p> <div style="text-align: right;">   </div>	

**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: [Signature]  
 Declared before me at Virginia Beach, VA  
 This 4<sup>TH</sup> day of April AD 2018  
 Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



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

<p>This space for Regulatory Authority use</p> <p align="center">This registration must be revalidated after ten (10) years from the date of registration</p> <p>CRN: <u>0A20418.5</u></p> <p>FID#: <u>614</u></p> <p>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.</p>	<p><b>New Brunswick</b>          DEPT OF PUBLIC SAFETY          BOILER &amp; PRESSURE VESSEL ACT</p> <p>REGISTRATION ONLY</p> <p>CRN <u>0A20418.57</u></p> <p>EXAMINER <u>[Signature]</u>          for          CHIEF REGISTER INSPECTOR</p> <p>DATE <u>6/22/2018</u></p> <p><input type="checkbox"/> BLRs <input type="checkbox"/> PVs  <input checked="" type="checkbox"/> FITTINGS <input type="checkbox"/> COMPONENTS</p>
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**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY <input checked="" type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers <input type="radio"/> B Flanges: all flanges <input type="radio"/> C Valves: all line valves <input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types <input type="radio"/> E Strainers, filters, separators, and steam traps <input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters <input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs <input type="radio"/> H Pressure retaining components that do not fall into one of the above categories <input type="radio"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECB or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION  <p align="center">PROOF TEST = 4 x MAX DESIGN PRESSURE</p>
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT  <p align="center">SEE BELOW</p>	TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER:  <p align="center">MACHINED BARSTOCK</p>
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:  SCOPE TEST REPORTS AND REPRESENTATIVE SKETCH DESIGN DRAWINGS	

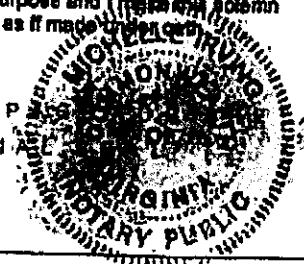


**DECLARATION:**

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: [Signature]  
 Declared before me at Virginia Beach, VA  
 This 9<sup>TH</sup> 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) #7015728 EX 31 MAY 2022

This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>0A20418.5</u> FID#: <u>614</u>	Newfoundland Labrador Service NL Registered <u>0A20418.50</u> Date <u>26 JUNE 2018</u> Engineering and Inspection Services Registered by <u>[Signature]</u>
Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS

**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: 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

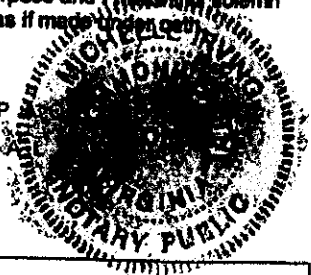
**LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:**  
SCOPE  
TEST REPORTS AND REPRESENTATIVE SKETCH  
DESIGN DRAWINGS



**DECLARATION:**  
 I JOHN FRIEDRICHS (see note 2) employed by CONCOA and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by 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 4<sup>TH</sup> day of April AD 2018  
 Commissioner of Oaths or Notary Public: (sign) 

USE THIS SPACE FOR OFFICIAL SEAL




(Affix Official seal to the right) #701828 EX 31 MAY 2022

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

CRN: 0A20418.5  
 FID#: 614

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




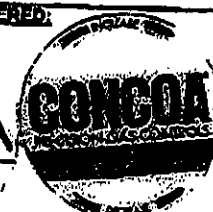
**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
<p><b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b></p> <p><input checked="" type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers  <input type="radio"/> B Flanges: all flanges  <input type="radio"/> C Valves: all line valves  <input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types  <input type="radio"/> E Strainers, filters, separators, and steam traps  <input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters  <input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs  <input type="radio"/> H Pressure retaining components that do not fall into one of the above categories  <input type="radio"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/>. (Meeting AECD or ASME requirements)</p>	<p><b>TITLE OF THE STANDARD OF CONSTRUCTION</b></p> <p align="center">PROOF TEST = 4 x MAX DESIGN PRESSURE</p>
<p><b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b></p> <p align="center">SEE BELOW</p>	<p><b>TYPE OF CONSTRUCTION</b></p> <p>FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/>          CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>          DESCRIBE OTHER: <u>MACHINED BARSTOCK</u></p>
<p><b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b></p> <p>SCOPE          TEST REPORTS AND REPRESENTATIVE SKETCH          DESIGN DRAWINGS</p> <div style="text-align: right;">   </div>	

**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: [Signature]  
 Declared before me at Virginia Beach, VA  
 This 4<sup>th</sup> day of April AD 2018  
 Commissioner of Oaths or Notary Public: [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



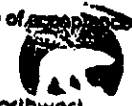
(Affix Official seal to the right) #701828 EX 31 MAY 2022

This space for Regulatory Authority use

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

CRN: 0A20418.5  
 FID#: 614

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

  
 Northwest Territories  
**REGISTERED**  
 UNDER THE AUTHORITY OF  
 THE BOILER AND PRESSURE  
 VESSEL ACT.  
 C.R.N. 0A20418.5  
 SIGNED [Signature]  
 DATE June 22, 2018

916700



**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

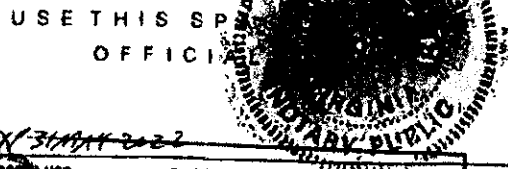
**LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:**

SCOPE  
 TEST REPORTS AND REPRESENTATIVE SKETCH:  
 DESIGN DRAWINGS

**DECLARATION:**  
 I JOHN FRIEDRICHS (print name) employed by CONCOR and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by INTERTEK as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer:   
 Declared before me at Virginia Beach, VA  
 This 9<sup>th</sup> day of April AD 2018  
 Commissioner of Oaths or Notary Public: (sign) 




(Affix Official seal to the right) # 7015125 2X-314911-2022

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

CRN: 0A20418.5  
 FID#: 614

**NUNAVUT**  
 Boilers and Pressure Vessels Act

**REGISTERED**

CRN 0A20418, SN  
 Date June 22, 2018  
 Signed   
 Chief Inspector

- 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.

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](http://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.: 2324506  
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.: 0A20418.59870YTN.

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](mailto: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](mailto: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
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  - H Pressure retaining components that do not fall into one of the above categories
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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 SKETCH  
DESIGN DRAWINGS



DECLARATION:  
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Signature of Declarer: [Signature]  
Declared before me at Virginia Beach, VA  
This 4<sup>th</sup> day of April AD 2018  
Commissioner of Oaths or Notary Public: [Signature]

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) #701578 EX 30 MAY 2022

This space for Regulatory Authority use

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

CRN: 0A20418.5  
FID#: 614

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

ACCEPTED  
PROVINCE OF PRINCE EDWARD ISLAND  
COMMUNITIES, LAND & ENVIRONMENT

C.R.N. 0A20418.59  
DATE: June 22 2018  
[Signature]  
INSPECTION SERVICES SECTION  
BOILER/PRESSURE VESSEL BRANCH

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: CONTROLS CORPORATION OF AMERICA

MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA

PLANT LOCATIONS: (SAME)

CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY

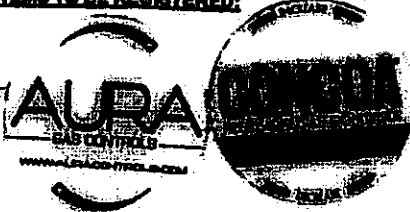
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers  
 B Flanges: all flanges  
 C Valves: all line valves  
 D Expansion joints, flexible connections, and hose assemblies: all types  
 E Strainers, filters, separators, and steam traps  
 F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters  
 G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs  
 H Pressure retaining components that do not fall into one of the above categories  
 N Nuclear components: Class 1  Class 2  Class 3  (Meeting AECB or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION  
PROOF TEST = 4 x Max Design PRESSURE

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

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

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

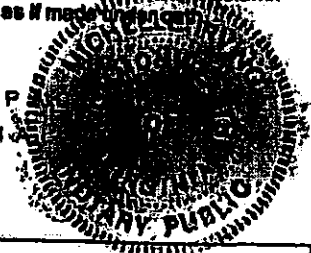


DECLARATION:

I, JOHN FRIEDRICHS (see note 1) 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 by oath.

Signature of Declarer: [Signature]  
Declared before me at Virginia Beach, VA  
This 4<sup>TH</sup> day of April AD 2018  
Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SP  
OFFICE



(Affix Official seal to the right) #7015728 EX 31 MAY 2022

This space for Regulatory Authority use

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

CRN: 0A20418.5

FID#: 614

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

BOILER & PRESSURE VESSEL  
NOVA SCOTIA  
Date June 22/18  
C.R.N. 0A20418.5B  
Dwg. as described  
Signed Yvonne Perry  
1 of 1  
Part  
ACT & REGULATIONS



**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

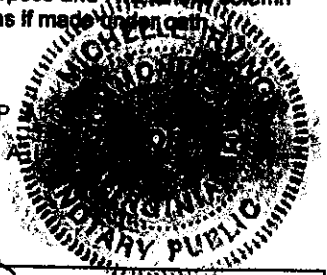
NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
<p><b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b></p> <p><input checked="" type="radio"/> <b>A</b> Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p><input type="radio"/> <b>B</b> Flanges: all flanges</p> <p><input type="radio"/> <b>C</b> Valves: all line valves</p> <p><input type="radio"/> <b>D</b> Expansion joints, flexible connections, and hose assemblies: all types</p> <p><input type="radio"/> <b>E</b> Strainers, filters, separators, and steam traps</p> <p><input type="radio"/> <b>F</b> Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p><input type="radio"/> <b>G</b> Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p><input type="radio"/> <b>H</b> Pressure retaining components that do not fall into one of the above categories</p> <p><input type="radio"/> <b>N</b> Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/>. (Meeting AECB or ASME requirements)</p>	<p><b>TITLE OF THE STANDARD OF CONSTRUCTION</b></p> <p align="center"><u>PROOF TEST</u> <u>= 4 x MAX DESIGN</u> <u>PRESSURE</u></p>
<p><b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b></p> <p align="center"><u>SEE BELOW</u></p>	<p><b>TYPE OF CONSTRUCTION</b></p> <p>FORGED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/>          CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>          DESCRIBE OTHER: <u>MACHINED BARSTOCK</u></p>
<p><b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b></p> <p><u>SCOPE</u> <u>TEST REPORTS AND REPRESENTATIVE SKETCH</u> <u>DESIGN DRAWINGS</u></p> <div style="text-align: right;">   </div>	

**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: [Signature]  
 Declared before me at Virginia Beach, VA  
 This 4<sup>TH</sup> day of April AD 2018  
 Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SPACE FOR OFFICIAL SIGNATURE



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

<p>This space for Regulatory Authority use</p> <p align="center">This registration must be revalidated after ten (10) years from the date of registration</p> <p>CRN: <u>0A20418.5</u></p> <p>FID#: <u>614</u></p> <p>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.</p>	<p align="center"><b>Brunswick</b>          DEPT OF PUBLIC SAFETY          BOILER &amp; PRESSURE VESSEL ACT</p> <p align="center">REGISTRATION ONLY</p> <p>CRN <u>0A20418.57</u></p> <p>EXAMINER: <u>[Signature]</u>          for          CHIEF REGISTER INSPECTOR</p> <p>DATE <u>6/22/2018</u></p> <p><input type="checkbox"/> BLRs <input type="checkbox"/> PVs  <input checked="" type="checkbox"/> FITTINGS <input type="checkbox"/> COMPONENTS</p>
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**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY <input checked="" type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers <input type="radio"/> B Flanges: all flanges <input type="radio"/> C Valves: all line valves <input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types <input type="radio"/> E Strainers, filters, separators, and steam traps <input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters <input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs <input type="radio"/> H Pressure retaining components that do not fall into one of the above categories <input type="radio"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECB or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION  <p align="center">PROOF TEST = 4 x MAX DESIGN PRESSURE</p>
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT  <p align="center">SEE BELOW</p>	TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER:  <p align="center">MACHINED BARSTOCK</p>
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:  SCOPE TEST REPORTS AND REPRESENTATIVE SKETCH DESIGN DRAWINGS	

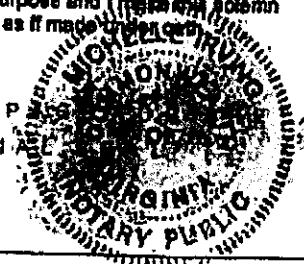


**DECLARATION:**

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: [Signature]  
 Declared before me at Virginia Beach, VA  
 This 9<sup>TH</sup> 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) #7015T28 EX 31 MAY 2022

This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>0A20418.5</u> FID#: <u>614</u>	Newfoundland Labrador Service NL Registered <u>0A20418.50</u> Date <u>26 JUNE 2018</u> Engineering and Inspection Services Registered by <u>[Signature]</u>
Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS

**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: 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:**

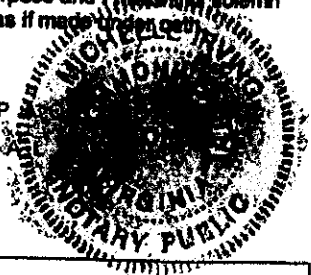
SCOPE  
TEST REPORTS AND REPRESENTATIVE SKETCH  
DESIGN DRAWINGS



**DECLARATION:**  
 I JOHN FRIEDRICHS (see note 2) employed by CONCOA and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by 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 4<sup>TH</sup> day of April AD 2018  
 Commissioner of Oaths or Notary Public: (sign) 

USE THIS SPACE FOR OFFICIAL SEAL




(Affix Official seal to the right) #701828 EX 31 MAY 2022

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

CRN: 0A20418.5  
 FID#: 614

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




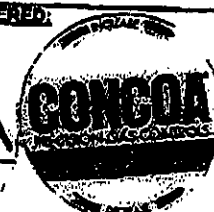
**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>CONTROLS CORPORATION OF AMERICA</u>	
MANUFACTURERS ADDRESS: <u>1501 HARPERS ROAD, VIRGINIA BEACH, VA 23454 USA</u>	
PLANT LOCATIONS: <u>(SAME)</u>	
<p align="center"><b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b></p> <p><input checked="" type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p><input type="radio"/> B Flanges: all flanges</p> <p><input type="radio"/> C Valves: all line valves</p> <p><input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types</p> <p><input type="radio"/> E Strainers, filters, separators, and steam traps</p> <p><input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p><input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p><input type="radio"/> H Pressure retaining components that do not fall into one of the above categories</p> <p><input type="radio"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECD or ASME requirements)</p>	<p align="center"><b>TITLE OF THE STANDARD OF CONSTRUCTION</b></p> <p align="center">PROOF TEST = 4 x MAX DESIGN PRESSURE</p>
<p align="center"><b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b></p> <p align="center">SEE BELOW</p>	<p align="center"><b>TYPE OF CONSTRUCTION</b></p> <p>FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/></p> <p>DESCRIBE OTHER: <u>MACHINED BARSTOCK</u></p>
<p align="center"><b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b></p> <p>SCOPE TEST REPORTS AND REPRESENTATIVE SKETCH DESIGN DRAWINGS</p> <div style="text-align: right;">   </div>	

**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.

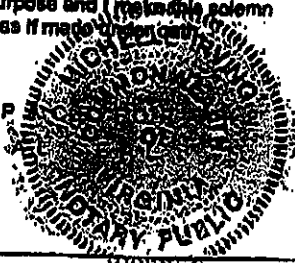
Signature of Declarer: [Signature]

Declared before me at Virginia Beach, VA

This 4<sup>th</sup> 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) #701828 EX 31 MAY 2022

This space for Regulatory Authority use

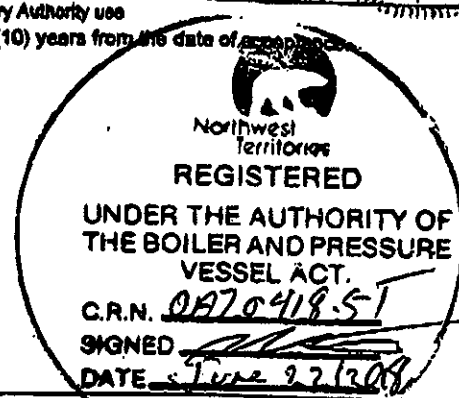
This registration must be revalidated after ten (10) years from the date of approval.

CRN: 0A20418.5

FID#: 614

Notes:

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



16700



**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:**

SCOPE  
 TEST REPORTS AND REPRESENTATIVE SKETCH:  
 DESIGN DRAWINGS

**DECLARATION:**  
 I JOHN FRIEDRICHS (print name) employed by CONCOR and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by INTERTEK as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer:   
 Declared before me at Virginia Beach, VA  
 This 9<sup>th</sup> day of April AD 2018  
 Commissioner of Oaths or Notary Public: (sign) 

USE THIS SPACE FOR OFFICIAL SEAL



(Affix Official seal to the right) # 7015125 EX-314911-2022


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

**NUNAVUT**  
 Boilers and Pressure Vessels Act

**REGISTERED**

CRN: 0A20418.5  
 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.

CRN 0A20418, SN  
 Date June 22, 2018  
 Signed   
 Chief Inspector

Territorial Registration Fee