

345 Carlingview Drive Toronto, Ontario CANADA M9W 6N9 Tel.: 416.734.3300

Fax.: 416.231.1626 Toll Free: 1.877.682.8772

www.tssa.org

August 13, 2018

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

Service Request Type.: BPV-National ACI Central

Service Request No.: 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. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Tanya Francis Administrative Assistant\_ BPV Engineering

Tel.: 416-734-3423 Fax: 416-231-6183 Email:tfrancis@tssa.org

# UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW	BRUNSWICK
241 1244	No CT

NOVA SCOTIA YUKON

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

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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.	DATE: June 03	.59 20/8 Hishe
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 sutherity and responsibility for the quality of the end product.	DATE: June 03	AO/8  H Cobe CES SECTION

## 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: Control	
MANUFACTURERS NAME: CONTROLS CORPORATION MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VII	OF HMERICH
PLANT LOCATIONS: (SAME)	RGINIA BEACH, VA 23454 USA
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esponsibility for the quality of the end product do sciemnly decisive that the ny knowledge represents the product for which registration is sought. The emperature strings, and identification markings are in accordance with the nanufacture of these fittings is regulated by a Quality Control Program with or in part and has been verified by	ne information contained in this form is true and to the best of e dimensions, materials of construction, pressure to herein named standards. I further declare that the sich extends to each plant where tabrication occurs in whole
eclaration conscientiously balleving it to be true, and knowing that it is of	the same force and effect as if made tridlen certs
Ignature of Declarer:	3/09-F
lectored before me at Witinia Beach, VA	USETHIS SPA
his 47th day of April AD 2018	
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commissioner of Oaths r Notary Public (eign)	<b>"是是我们们的一个人</b>
(Affix Official seal to the right) #70/3728	PK 31MM 7622
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This registration must be revalidated efter ten (10	) years from the date of acceptance.
CRN: 0A20418.5	OLER & PRESSURE VER
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FIDE: 614	
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Notes:	C.R.N. OA 20418.58
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ome and one copy of supporting documentation	Signed Ferry
The declaration shall be made by the person having full authority and exponsibility for the quality of the end product.	1 0 1
. Quality control programs shall be resubmitted for validation	Part Part REGULATIONS
it a maximum interval of five (5) years.	& REGULATION

#### UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS NEW BRUNSWICK **NOVA SCOTIA** PRINCE EDWARD ISLAND **NEWFOUNDLAND AND LABRADOR** NUNAVUT YUKON NORTHWEST TERRITORIES MANUFACTURERS NAME: CONTROLS CORPORATION OF AMERICA MANUFACTURERS ADDRESS: 1501 HARPERS ROAD . VIRGINIA BEACH. Va 23454 USA PLANT LOCATIONS: (SAME) CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY TITLE OF THE STANDARD OF CONSTRUCTION Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers PROOF TEST B Flanges: all flanges C Valves: all line valves D Expension joints, flexible connections, and hose assemblies: all types = 4 x Max Design E Strainers, filters, separators, and steam traps .F. Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or PRESSURE 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) SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT TYPE OF CONSTRUCTION FORGED EL WELDED D WROUGHT D CAST DOTHER DESCRIBE OTHER: SEE BELOW MACHINED BARSTOCK LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: SCOPE TEST REPORTS AND REPRESENTATIVE SKETCH DESIGN DRAWINGS DECLARATION: 1 JOHO FRIEDRICHS (see note 3) employed by CON 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 and being the person having full authority and 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 INTERTER 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 to Signature of Declarer: Declared before me at USETHIS SP. OFFICI Commissioner of Oaths or Notary Public: (sign) (Affix Official seal to the right) #70/3728 tX/3/MAY 2022 This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of CRN: 0A20418.5 DEPT OF PUBLIC SAFETY FID#: 614 **BOILER & PRESSURE VESSEL ACT** REGISTRATION ONLY CRN EXAMINER

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.

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This	registration must be revail	dated after ten (10) years from the date of	of acceptance.
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Service NL Registered 0A20418 · 50 Date 26 JUNE 2018

Engineering and Inspection Services
Registered by Hocal

UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND

THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS

FIDW: 614

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 medimum interval of five (5) years.

NEW BRUNSWICK JUNAVUT	NOVA SCOTIA YUKON	PRINCE EDV	VARD ISLAND T TERRITORIES	ATION OF FITTING NEWFOUNDLA	ND AND LABRADOR
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temperature ratings, and identification markings	to solemnly declare that the information contained i registration is sought. The dimensions, materials of are in accordance with the herein named standard	of construction, pressure
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Deciared before me at Lituria Be	ach, VA USETHIS S	PART
This 4Th day of April A	D 2018 OFFIC	
Commissioner of Oaths or Notary Public: (sign)		S O MIN O
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	This space for Regulatory Authority use	ninimi.

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 paydray methods of few (6) pages.

at a maximum interval of five (5) years.

, 6/26/2018

NEW BRUNSWICK NUNAVUT	NOVÁ SCOTIA YUKON	PRINCE EDWARD NORTHWEST TE	ISLAND	NEWFOLINDLAND	
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				A.C.	
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or Notary Public (sign)				<i>25</i> % e	NO S
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NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME: C	ONTROLS CORPOR	PATION OF AMERICA	
MANUFACTURERS ADDRESS	1501 HARDERS O	OAD, VIRGINIA BEACH	VA 234 CU USA
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it a maximum interval of five (5) year	··	Chief In	épector
			/
		Territorial Rec	istration Fee



345 Carlingview Drive Toronto, Ontario CANADA M9W 6N9 Tel.: 416.734.3300 Fax.: 416.231.1626

Toll Free: 1.877.682.8772

www.tssa.org

August 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.

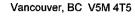
As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

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. 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





Toll Free: 1-866-566-7233 www.technicalsafetybc.ca

Date:

June 26, 2018

Account #: 35231 Journal #: 70973

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

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

CRN:

0A20418.51

**AMERICA** 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@technicalsafetybc.ca **Design Administration** 

CC:

### **SCOPE FOR FITTINGS TYPE A - REV 1**

(Temperature Range: -40°F to 140°F)

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



Date: June 18, 2018
BC JA: 70973

THIS IS PART OF CRN 0A20418.r

Technical Standards & Safety Authority Boilers & Pressure Vessels Safety Program

Z. G. 615/18

#### **BURST TEST RESULTS SUMMARY - REV 1**

Test №o.	Test Description	Geometry Drawing	Sketch	Body	Bonnet	Seat Nozzie	Other Material	Max Rated Pressure (PSI)	Burst Pressure (PSI)	Inlet or Gutlet	Safety Factor	Temperature Rating
1	Brass Barstock Body with M20 Capsule Thread Inlet Pressure Test	3	1	UNS C36000 - Brass Barstock per ASTM B-26	n/2	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 C35000 - Brass Barstock per ASTM B-16	nfa	UNS C36000 - Brass Barstock per ASTM 8-16	n/a	6000	28000	irifet	4.67	-40°F to 140°F
9	Stainless Barstock Body with M20 Capsule Thread Inlet Pressure Test	3	10	UNS S31603 - 326L Stainless Barstock per ASTM A276	UNS S30300 - 303 Stainless Barstock per ASTM A-582	UNS S31603 - 3161, 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 8-16	UNS 233520 - Zinc Die Cast per ASTM 8-86	n/a	n/s	500	15000	Outlet	30	-40°F to 140°F
12	Brass Barstock Body with 45mm Brass Barstock Bonnet Outlet Prossure Test	7	2	UNS C16000 - Brass Barstock per ASTM 8-16	UNS C36000 - Brass Barstock per ASTM 8-26	n/a	n/a	500	15000	Cutlet	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 233520 - Zinc Die Cast per ASTM B-86	n/a	n/a	250	25000	Dutlet	60	-40°F to 140°F
15	Brass Barstock Body with 65mm Brass Forged Bonnet Outlet Pressure Test	6	s	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 240°F
16	Brass Barstock Body with 2-1/16 16 Brass Barstock Bonnet Outlet Pressure Test	10	7	UNS C36000 - Brass Barstock per ASTM 8-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	250	17000	Gutlet	6.8	-40°F to 140°F
19	Brass Barstock Gody with 1-5/8 16 Brass Barstock Bonnet Outlet Pressure Test	8	9	UNS C36000 - Brass Barstock per ASTM 6-16	UNS C36000 - Brass Barstock per ASTM B-16	o/a	n/a	6000	29000	Qutter	4.83	-46°F to 140°F
19	Stainless Barstock Body with 45mm Zinc Die Cast Bonnet Outlet Pressure Test	5	10	UNS 531603 - 316L Stainless Barstock per ASTM A276	UNS 233520 - Zinc Die Cast ger ASTM 8-86	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 C35000 - Brass Barstock per ASTM 8-16	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 531603 - 316L Stainless Barstock per ASTM A276	UNS \$31603 - 316L Stainless Barstock per ASTM A276	n/a	n/a	500	18000	Gutlet	36	-40°F to 140°F
22	Stainless Barstock Body with 65mm Zinc Die Cast Bonnet Gullet Pressure Test	4	13	UNS 531603 - 316L Stainless Barstock per ASTM A276	UNS 233520 - Zinc Die Cast per ASTM B-86	n/a	n/a	250	17000	Outlet	68	-40°F to 240°F
23	Stainless Barstock Body with 65mm Stainless Barstock Bonnet Gutlet Pressure Test	11	16	UNS S31603 - 316L Stainless Barstock per ASTM A276	UNS 531603 - 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 531603 - 316L Stainless Barstock per ASTM A276	UNS \$31603 - 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 9-124	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 8-16	UNS C36000 - Brass Barstock per ASYM B-16	n/a	n/a	3000	18000	Outlet	6	-40°F to 140°F
28	Brass Garstock 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 531603 - 316L Stainless Barstock per ASTM A276	UNS \$31603 - 316L Stainless Barstock per ASTM A276	n/a	n/a	9000	18000	Outlet	6	-40°F to 240°F
33	Protocol Station Cross 1/4" NPT	n/a	18	n/a	n/a	n/a	UNS C36000 - Brass Barstock per ASTM 8-16	\$500	26000	Infet/Outlet	4.72	40°F to 140°F
34	Intrinsically Safe Transducer	n/a	19	n/a	n/a	n/a	UNS 517400 - 17-4 Stainless Steel per ASTM A-693	6000	32000	Infet	5.33	40°F to 140°F
35	Transducer	n/a	20	r/a	n/a	n/a	UNS \$17400 - 17-4 Stainless Steel per ASTM A-693	6000	40000	inlet	6.67	-40°F to 240°F
36	Tée	n/a	21	n/a	n/a		UNS C35000 - Brass Barstock per ASTM B-16	3000	15000	inlet	5	-40°F to 240°F
37	Preumatic Shutdown Valve Preumatic Shutdown Valve	n/a n/a	22 22	UNS S31603 - 316i, Stainless Barstock per ASTM A276 UNS S31603 - 316i, Stainless Barstock per ASTM A278		n/a	UNS A96063 - 6061 Aluminum per ASTM 8 211	3500	21000	Inlet/Outlet	6	40°F to 140°F
39	Diaphragm Valve	n/a	23	UNS C36000 - Brass Barstock per ASTM 8-16	UNS S30300 - 303 Stainless Barstock per ASTM A-582 UNS C36000 - Brass Barstock per ASTM B-16	n/a n/a	UNS A96061 - 6061 Aluminum per ASTM 8 211	125	966	Preumatic Input	7,2	40°F to 140°F
40	Diaphragm Valve	0/2	24	UNS C36000 - Brass Barstock per ASTM 9-16	UNS C36000 - Brass Barstock per ASTM B-16	n/a n/a	n/a n/a	3500 3500	21000 23000	Inlet/Dutlet inlet/Elutiet	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 8-16	3000	21000	Irdet/Outlet	7	-40°F to 140°F
43	Tee	n/a	27	n/a	n/a	n/a	UNS 531603 - 316L Stainless Barstock per ASTM A276	3000	20000	Inlet/Outlet	5.67	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

TECHNICAL' SAFETY BC

CRN#: 0A20418.51

Date: June 18.2

BCJ# 709

THIS IS PART OF CRN 0A 20418.5

Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program

2.6. 6/5/18



345 Carlingview Drive Toronto, Ontario CANADA M9W 6N9 Tel.: 416.734.3300 Fax.: 416.231.1626

Toll Free: 1.877.682.8772

www.tssa.org

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. 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



9410 - 20 Ave N.W.

Edmonton, Alberta, Canada T6N 0A4

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

July 03, 2018

Attention: Joanna Karpinski

Email: JKarpinski@tssa.org

TECHNICAL STANDARDS & SAFETY AUTHORITY

345 CARLINGVIEW DRIVE TORONTO, ON M9W 6N9

The design submission, tracking number 2018-03868, 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

law lang





# STATUTORY DECLARATION Registration of Fittings

I,	John Friedrichs	Supervisor of Des	sign Engineering		*fa	acture ark
_	(name of applicant)	(position title) (n	nust be in a position of ar	AΙ	$D_{\Lambda}$	CUNCUL
of _	Controls Corporation of America			—— GAS	CONTROLS	PRECISION GAS CONTROLS
		e of manufacturer)		MW-ALIR	ACONTROLSCOM	www.concon.com
loca	ted at 1501 Harpers Road, Virginia Beac	h, VA 23454 lant address)		The same of	tonama ya	DEGREASE
	colemnly declare that the fittings listed eck one)	,	ch are subject to the	Safety	/ Codes Ac	t
	comply with the requirements of	title of recognized N	orth American Standard)	which	specifies th	he dimensions,
	materials of construction, pressu	re/temperature r	atings and identificat	tion ma	arking of the	∍ fittings, or
X	are not covered by the provisions	of a recognized	North American star	ndard a	and are ther	refore manufactured
	to comply with 4x max pressure burs	t test			as supporte	ed by the attached
	(title of code of	construction or other	r applicable document)			
	data which identifies the dimension	ns, materials of	construction, pressu	re/tem	perature ra	tings and the basis
	for such ratings, and the marking	of the fittings for	identification.			
I fur	ther declare that the manufacture of	these fittings is c	ontrolled by a quality	contro	ol program	which has been
verif	ied by the following authority,	ntertek Services Com	poration as being	g suital	ble for the r	manufacture of these
fittin	gs to the stated standard. The fitting	s covered by this	s declaration, for whi	ch I se	ek registra	tion, are
	D 9001 (CATEGORY A)				•	·
	•	rief description of fitti	• ,	·		
In st	apport of this application, the followin	g information, ca	lculations and/or tes	t data	are attache	₽ <b>d</b> :
SC	OPE, TEST REPORTS AND REPRESENTAT	TVE SKETCHES, &	DESIGN DRAWING			
					•	
DEC	CLARED before me at <u>Viviruin</u> (city)	Beach in the	2018	of	(province or	state)
(prir	nt) Under Taying (a Commissioner of Oaths or Netary P	ublic)	(Year)	0	10.	
(sign			- Much	all	Sime	}
(0.9.	(a Commissioner of Oaths or Notary P	ublic) # 70/5528	EX131MAY 2221	signature	e of applicant)	
For	ABSA Office Use Only:					
NOT	ES:					
To th Stan	ne best of my knowledge and belief, t dard B51, Clause 4.2, and is accepte	the application medication m	eets the requirement in Category	its of th	ne Safety C	odes Act and CSA
	stration Number: 0 A 2 D 4	18-52		riature o	Pthe Administ	rator/SCO)
Date	Registered: III 0 3 20	118	Expiry Date:	Jun	e 5 °	2028
The in	formation you provide is necessary only for the acure Equipment Discipline.	lministration of the pro	grams as required by the A	lberta Sa	fety Codes Act	and Regulations in the

## SCOPE FOR FITTINGS TYPE A - REV 1

(Temperature Range: -40°F to 140°F)

Brass Barstock Fittings	Stainless Barstock Fittings
TEST-33  CONCOA Cross Fittings using Brass Barstock. Design Pressure: 5500 psig / Observed Burst Pressure: 26000 psi (The following parts are examples of this contruction: 8309137, 8308138, 8308883, 8308884, etc.)	
TEST-36  CONCOA Medical Tee Fittings using Brass Barstock. Design Pressure: 3000 psig / Observed Burst Pressure: 15000 psi (The following series are examples of this contruction: 8305659, etc.)	TEST-44  CONCOA Cross Fittings using Stainless Barstock. Design Pressure: 6000 psig / Observed Burst Pressure: 32000 psi (The following parts are examples of this contruction: 8308139, 8308844, etc.)
TEST-41  CONCOA Bulkhead Reducer Fittings using Brass Barstock. Design Pressure: 4500 psig / Observed Burst Pressure: 25000 psi (The following series are examples of this contruction: 8305335, etc.)	
TEST-42  CONCOA Tee Fittings using Brass Barstock. Design Pressure: 3000 psig / Observed Burst Pressure: 21000 psi {The following series are examples of this contruction: 8309270, 8309271, etc.}	

SAFETY CODES ACT - PROVINCE OF ALBERTA
REGISTRATION OF FITTINGS

REGISTRATION NO. DA 2 0 4 18 · 5 2

DWG. NO. SCAT. NO. SCAPE for Fattings Great - Paul

TYPE OF FITTINGS Paper Tablings

TAO TANG, Reng.
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

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. 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



Group H2

## CRN: CSA- OA 20 418.56

### Statutory Declaration Registration of Fittings Registration Process administered by

(a) Design	Qualification		CSA Group per CSA B51
I <sup>1</sup> John F	Friedrichs		h was mining at a cuttor and tacks to fortune and a construction of the construction o
	visor of Design Engineering		
	(Position eg, president, plant	manager, ch	ief eng.)
Of Contro	ols Corporation of America		
01	(name of com	pany)	
	1501 Harpers Road, Virginia Beach, VA 23454		
Located at	(plant addre	ess)	
do solemniv d	declare that the fittings listed hereunder, which are subject	to the Boile	rs & Pressure Vessels Act:
•			
comply require	y with all the requirements of the ANSI/ASME codes as to ed:	their aimei	isions, material, identification & service for which are
are not burst data.	t covered by the provisions of the ANSI/ASME codes, and test code and standard, and are designed to the b	l are thereforest current	ore constructed to comply with 4x max pressure engineering practice, as shown by the supporting test
I further decla ISO 9001		nority or aut	norized agency Intertex Services Corporation
The fittings <sup>2</sup> o	covered by this declaration, for which I seek registration, ar	e Categ	ory A fittings
In support of Scope, Tes	the application, the following information, calculations and t Reports and Representative Sketches, Design Dra	/or test data wings	a are attached:
Declared baf	······································		
In the of	of Origina		
8 ASB 7	Day of April AD/920	K (	120
	A (commissioner for oaths)		Signature of Declarer
# 70155			
	For Official U	se Only	
The application	ation is accepted for registration in Category <del>^</del>	in accord	dance with the Boilers and Pressure Vessels Act and
This regist	ration must be revalidated after ten (10) years from the da	te of accept	rance. Jun - 05 - 2028
Registered	Number CRN CSA-OA20418.56	For the C	GROUP Aug · 08 · 2018

All fittings are required to be registered in the name of the Manufacturer.

Three completed copied of Statutory Declaration form together with three copies of Catalogs, drawings of Bulletins illustrating above fittings shall be submitted.

<sup>2</sup> 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. assonat . Date: 8 Aug 2018

CR. CSA-CASO418.+6

Registration Process administered by CSA Group per CSA B51

REGISTERED





CRN: CSA- 0A20418.56

Regina, SK S4R 1K3 PH: (\$06)798-7112 Toll Free: (866)530-8599 FAX: (\$06)787-9273 Toll Free: (866)760-9255

Email: hollerpermits@tsask.ca Website: www.tsask.ca

Safety Authority
of Saskatchewarton Process administered by

<del>- GSA Group per GSA-B51</del>

Statutory Declaration (Registration of Fittings)

TCK 4000

2202 2nd Ave.

			1917-1000
I. D	eclaration Information		
I,	John Friedrichs	ace, sho	
_	Supervisor of Design Engineering	\	<b>TUK</b>
_	(company title, e.g. vice president, plant manager, chief e (must be in a position of authority in the manufacturing plant where the		CONTROLS
of:	Controls Corporation of America	WWW.AURACONTROL.9COM	
	(name of manufacturer)	Decade	ASE
loca	ted at: 1501 Harpers Road	Virginia Beach, VA 23454	
	(Plant Address – Apt/Street)	(City,Prov) (Postal Code)	
	plemnly declare that the fittings listed hereinunder, whice sel Safety Act (check one)	ch are subject to the <i>Saskatchewan Boiler and Pr</i>	ressure
0	Comply with the requirements of	which specifies the dimensio	ns,
	(title of recognized Nort Materials of construction, pressure / temperature ration		
•	Are not covered by the provisions of a recognized Not to comply with Proofs 4x Design Pressure	orth American standard and are therefore manufact as supported by the atta	
	data which identifies the dimensions, materials of cor for such ratings, and the marking of the fittings for ide	nstruction, pressure / temperature ratings and the b	
l food	· · · · · · · · · · · · · · · · · · ·		
	her declare that the manufacturer of these fittings is co		
	ed by the following authority, Intertek Services Corporati		1
	ese fittings to the stated standard. The fittings covered 9001 (Category A)	by this declaration, for which I seek registration, ar	re
190	ooo i (Calegory A)		1
In su	pport of this application, the following information, calculated	ulations and / or test data are attached:	
See	Attached		1
			i
II. C	Declaration		
DEC	LARED before me at Occamin Beach In the	STATE of Unquia	
this	day of Land	2018	
84 X	1000	— · — (0)	
(Dr	the doller living	(Signature)	<del></del>
Ž	132 m 10 8	(orginatio)	
(Sig	gnature of Commissioner of Oaths) #70/35 25 CXP	31 MAY 2022	1
	Office Use Only		
CSA	e best of my knowledge and belief, the application meets the B51, Clause 4.2, and is accepted for registration in Category	requirements of the Boiler and Pressure Vessel Safety	y Act and
	SA-0A20418.56 A	14a · 08 · 2018 Jun · 05 · 20	028
(Re		Registered - MM DD YYYY) (Expiry Date – MM DD Y	YYY)
	(For th	ne Aministratori (Tradins lector) A. BANWA	77
		Comp Comp	
			Ī

REGISTERED (G) GSA GROUP

CRIT CSA - CASO4/P. + 6

Registration Process administered by

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

Signed: OSSWOO

CSA Group per CSA 851

Date: 8 Acy 2018



345 Cadingview Drive Toronto Oniano M9W 6N3 Tel: 416 734 3300 Fax: 416 231 1626 Toll Free: 1.877 682 8772

www.tssa.org

June 05, 2018

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

Service Request Type: BPV-Fitting Registration

Service Request No.: 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. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Jacus Zost Zivko Gacevic P. Eng.

Mechanical Engineer, BPV

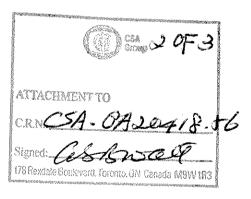
Tel.: 416-734-3429 Fax: 416-231-6183

Email: zgacevic@tssa.org

### SCOPE FOR FITTINGS TYPE A - REV 1

(Temperature Range: -40°F to 140°F)

Brass Barstock Fittings	Stainless Barstock Fittings
TEST-33  CONCOA Cross Fittings using Brass Barstock. Design Pressure: 5500 psig / Observed Burst Pressure: 25000 psi {The following parts are examples of this contraction: 9308137, 9308138, 8308883, 8308884, etc.}	TEST-43  CONCOA Tee Fittings using Stainless Barstock. Design Pressure: 3000 psig / Observed Borst Pressure: 20000 psi (The following series are examples of this contraction: 8309272, etc.)
TEST-36  CONCOA Medical Tee Fittings using Brass Barstock. Design Pressure: 3000 psig (The following series are examples of this contraction: 6305639, etc.)	TEST-44  CONCOA Cross Fittings using Stainless Barstock. Design Pressure: 6000 psig / Observed Burst Pressure: 32000 psi (The following parts are examples of this contraction: 8308139, 8308844, etc.)
TEST-41  CONCOA Bulkhead Reducer Fittings using Brass Barstock. Dasign Pressure: 4500 psig / Observed Barst Pressure: 25000 psi (The following scries are examples of this contraction: 8305335, etc.)	
TEST-42 CONCOA Tee Fittings using Brass Barstock. Design Pressure: 3000 psis / Observed Burst Pressure: 21000 psi (The following series are examples of this contraction: 3309270, psi09271, or 1)	



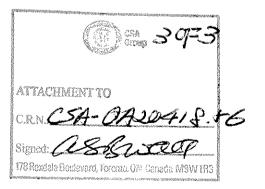
THIS IS PART OF CRN 0A204/8.5

Technical Standards & Safety Authority Boilers & Pressure Vessels Safety Program

Z. G. 615/18

#### BURST TEST RESULTS SUMMARY - REV 1

		10 mars	·									•
Test No.	Test Description  Brass Barstock Body with M20 Capsule Thread	Geometry Brawing	Stetch	flody	Bonnes	Seat Maurie	Other Material	Max Rated Pressure (PSN	Burst Pressure (PSI)	Infet or Outlet	Safety Factor	Temperature
1	Infot Pressure Test Brass Barstock Dody with 5/8-24 Capsule Turead	3	1	UNS C36000 - Brass Danstock per ASTM B-16	n/a	UNS C36080 - Brass Barstock per ASTM 8:16	n/s	4500	25000	Inlet	5.56	-40°F to £40°F
6	Infet Pressure Test	2	7	UNS C35000 - Brass Ranstock per ASTALE-16	0/8	UNS C36000 - Brass Supstock per AS FM B-16	1/2	6903	28000	Infet	4.67	-40°F to 140°F
9	Stainless Barstock Body with M20 Capsule Thread Injet Pressure Test	3	19	UN\$ 531603 - 3161 Stabiless Barstock per ASTM A276	UNG \$36308 - 303 Stainless Barstock per ASTM A-582	UN\$ 532603 - 3160 Stainless Borstock per ASTM AZ76	7/5	6000	32000	latet	5 33	-40°F to 140°F
10	Brass Forged Body with M20 Capsule Thread inict Pressure Test	5	6	UNS 037700 - Forged Bress Bacatock per ASTM 8-124	nýo	UNS C36000 - Brass Baratock per ASTM B-16	n/a	5500	26000	falet	4.73	
11	Brass Barstock Body with 45ppm Zinc Die Cast Bannet Outlet Pressure Test	5	1	UNS CS6000 - Press Barstoni per ASTM 8-46	UNS 233520 - Zind Die Cast per ASTM N-86	n/o	0/2	500	15000	Outlet	30	40°F to 140°F
12	Brass Barstock Body with 45mm Brass Barstock Bosset Outlet Pressure Test	7	2	UNS C36000 - Brass Berstock per ASTM 8-16	UNS C36000 - Brass Beristork per ASTM 9: 16	nla	n/a	200	15000	Outlet		-40°F to 140°F
14	Brass Barstock Body with 65mm Zinc Die Cast Bompet Outlet Pressure Test	4	4	UNS C36000 - Blass Barstock per ASTM B-16	UNS 233520 - Pinc Die Caus poe ASTRI B-86	<i>√</i> / <b>3</b>	n/a	250			30	-40°F to 140°F
15	Brass Barstock Body with bismm Brass Forged Bonnet Outlet Pressure Yest	6	5	UNIS C36090 - Brass Banstock per ASTM 8-16	CRS C37900 - Forged Brass Banstock per ASTAL 8 424	n/a			15000	Outlet	60	-40°F to 140°F
16	Brass Barstock Body with 2-1/16 16 Brass Barstock Bonnet	10	<del>,</del>			। एव	n/a	250	17060	Outlet	68	40°F to \$46°F
	Outlet Pressure Test	10		Litt's C36000 - Brass Barstock per ASTM 2-16	UNS CIBORS - Brass Burstock per ASSA 8-16	n/a	nja	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 - 0 rass Surstock per ASTM 8-16	UNS C36000 - Brass Barstock per ASTM B-35	e/s	n/a	6000	29030	Outlet	4.83	40°F to 140°F
19	Stainless Barstock Body with 45mm Zinc Die Cast Bonnes Outlet Pressure Test	5	10	GNS 531693 - 316L Stainless Barstock per ASTM 4276	UNS 293520 - 7/00 Dep Cast per ASTM 8-86	r/a	n/a	500	17000	Gutlet	34	40°F to 140°F
20	Stainless Barstock Body with 45mm Brass Barstock Boundet Outlet Prossure Test	7	11	UNS 537603 - 3161 Stantoss Bandeck per ASTM A376	UNS CBERCO - Brass Surstock per ASTES 9-16	n/a	r/a	500	16030	Outlet	36	-40°F to 140°F
21	Stainless Barstock Body with 45mm Stainless Barstock Bonnet Outlet Pressure Test	7	12	UNS \$31603 - 3161 Stainless Barstock per ASTM A276	NINS \$31003 - 3161. Stainless Barstock per A5184 A376	*/4	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	UNI 531603 - 836s, Staidfeld Barstock, per ASTM 7,276	UKS 238520 - Zinc Dir Carr bey ASTM 6-86	:Ja	r/a	250	17600	Clostet	- 68	40°F to 140°F
23	Stainless Barstock Body with 65mm Stainless Barstock Bonnet Outlet Pressure Test	51	16	UNS 581000 - 3151. Stainfess Barstork per AS161 AZ76	UNS \$31603 - 5160 Stringer Santock per 85164 4775	r/s	r/a	250	17000	Outlet	68	-40°F to 140°F
24	Standess Berstock Body with 1 5/8 16 Steinless Barstock Bonnet Gutlet Pressure Test	3	14	UNS \$31603 - 2161, Stabillion Barstonk der Astal A276	UNE SERGES - BEOL Staviless Bacutock per ASTAL A276	s/a	r/a	6909	29000	Cotlet	4.83	-40°F to 140°F
25	Brass Forged Body with 65mm Brass Forged Bonnes Outlet Pressure Test	6	6	UNS 037700 - Forged Brass Barstock der ASTM 9-324	UWS 037700 - Forged Muss Barstnik yer ASTM 8 124	n/a	n/a	250				
27	Brass Barstock Body with 2-16 Brass Barstock Bonnet Outlet Pressure Test	9	15	UNS C36000 - Snass Sarstock per ASTM B-16	UNS 636000 - Braiss Barstock per ASTN 8-16	s/i	r/a	3.KUG	17000	Outlet	68	-40°F to 140°F
28	Brass Barstock Body with 2-15 Brass Barstock Borinet Oome Pressure Test	9	15	GNS C36000 - Brass Baristox Riger ASYNS B-1,6	UNS C16000 - Brass Barstock per ASTS# U-16	o/a	n/a	3000	18000	Ourlet	6	-40"F to 140"F
32	Stainless Barstock Body with 2-16 Stainless Barstock Bonnet Outlet Pressure Test	9	17	SINS 531603 - 316L Stainless Buratock per ASYM AZ76	UNS \$31603 - 316L Stainless Banstock per ASTM A276	c/a	n/s	9000	18000 18000	Dome Outlet	6	-40°F to 140°F
33	Protocol Station Cross 1/4" NPT Intrinsically Safe Transducer	n/a	18	ts/a	2/3	7/8	HAT Process In It is a second of the sec					
35	Transducer Transducer	1/8	29	rifa .	z/s	r/2	UNS C30600 - Brass Barstock per ASTN B-30 UNS ST7400 - 17-4 Stauress Stoet per ASTM A-693	5900	26(K)Ğ	Inlet/Outlet	4.72	-10°F to 140°F
35	Tce	n/a n/a	20	n/a	n/a	0/8	URS 517400 - 17 4 Stamless Steel per ASTA A-693	6000 6000	32000 4000D	Inlet	5.33	-40°F to 140°F
37	Pneumatic Shutdown Valve	n/a	22	47/a Links 531603 - 316L Staintess Barstock per ASTM A276	P/II	r/a	(7NS C36000 - Brass Barstrick per ASIM B-16	3000	40000 15000	inlet Inlet	6.67	40°F to 140°F
38	Pneumatic Shuldown Valve	n/a	22	GHA SB1603 - 316C STAINTESS BAYSTOCK DAY ASTEM A276	ONS \$30300 - 303 Stainless Barstock per ASTM A-582 ONS \$30300 - 303 Stainless Barstock per ASTM A-582	c/a	UNS A96561 - 5061 Aluminum per ASIM 3 211	3500	21000	Infet/Quilet		40°F to 140°F
39	Oraphragm Valve	n/a	23	UNS C35000 - Brass Barstock per ASSS 9-16	BNS C16000 - Brass Sarstock per ASTM B-16		UN5 A9606) - 6061 Azuminum ner ASFM 8 211	225		Prieumatic Input	7.2	40°F to 140°E
40	Draphragm Valve	n/a	24	UNS CEGOOD - Bruss Barstons, per ASTAT E-16	UNS C16000 - Brass Barstock per ASTA B-16	o/u 0/a	n/a	3500	21000	inlet/Outlet	6	40'F to 140'F
41	Bulshead Reducer	11/2	25	5/2	11/é	n/a n/a	0/4	3508	23000	i-let/Outlet		-40°F to 140°F
43	Ten Tee	n/a	26	n/a	P/4	n/a	UNS C36000 - Brass Barstock per ASTM B-36 UNS C36060 - Brass Barstock per ASTM B-36	4500	25/00	Intet/Outlet	5.56	-40°F to 140°F
44	Protocol Station Cross 1/4" NPT	0/6	27	5/0	nja	1/0	UNS \$31603 - 3161 Staniess Barstock per ASTM B-16	3000	210(%)	Intet/Outlet	7	-40°F to 140°F
		799 1	29	s/s	r/s	3/2	UNS S31603 - 3161 Stainless Baratock per ASIM AZIG	6000	20000	Inlet/Outlet	6.67	-40°F to 140°F
					· · · · · · · · · · · · · · · · · · ·		PLAN WILLIAM STATE IS DOUBLED NOT HOUSE WATER	6000	32000	Intet/Dutlet	5 33	40 F to 140 F



THIS IS PART OF CRN 0A 20418.5

Technical Standards & Safety Authority Boilers & Pressure Vessels Safety Program

2-6- 6/5/18



345 Carlingview Drive Toronto, Ontario CANADA M9W 6N9 Tel.: 416.734.3300 Fax.: 416.231.1626

Toll Free: 1.877.682.8772

www.tssa.org

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. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Tanya Francis
Administrative Assistant\_BPV Engineering

Tel.: 416-734-3423 Fax: 416-231-6183 Email:tfrancis@tssa.org



Inspection and Technical Services Manitoba
500 - 401 York Avenue
Winnipeg Manitoba R3C 0P8
T (204) 945-3373
F (204) 948-2309
www.firecomm.gov.mb.ca/codes\_steam\_pressure.html

September 25, 2018

TSSA 345 Carlingview Drive Toronto, ON M9W 6N9

Attn: Joanna Karpinski

### REGISTRATION OF VALVES AND FITTINGS

Manufacturer: Controls Corporation of America

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

DRAWING / CATALOGUE	CRN	FILE
See Attached "Scope for Fittings Type 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



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



	STATUTORY DEC Registration of		
I, MICHAEL	SIMS, MECHANICAL DESIGN ENGINEER		
	(Name and Position, e.g. President, Plant Mai	nager, Chief Engineer)	
of CONCOA	<u> </u>		
	(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 sole and Pr	emnly declare that the fittings listed hereunder, which are subjected by the requirement of the requirement	ect to the <b>Technical Standa</b> nts of	rds and Safety Act, Boilers
	(Title of recognized North American		
which s	specifies the dimensions, materials of construction, pressure/temper	ature ratings, identification mark	ing the fittings and service;
pressu	not covered by the provisions of a recognized North American Pressure=4xMaxDesignPress as supported by the attached do re/temperature ratings and the basis for such ratings, the marking are that the manufacture of these fittings is controlled by a quality	ata which identifies the dimens ng of the fitting for identificatio	ions, material of construction, in and service.
Fiditalei deola	which has been verified by the following authority, Intertek S		ments of 130 3001
The items cove	ered by this declaration, for which I seek registration, are category A		type fittings. In support of
	, the following information and/or test data are attached as follows:		
SCOPE, 1ES	ST REPORTS AND REPRESENTATIVE SKETCHES, & DES		
	(drawings, calculations, test repo	ris, eic. j	,
Declared bef	ore me at <u>Vuguna</u> Beach in the	STATE	of Orginia
the	day of April AD 20 18.		·
Commission	er for Oaths:		
Une ha	the Tax or		n'
~	(Printed name)	Michael &	/ *
		Michael &	nw
	(Signature) # 7015528 21 MM/2122	(Signature of	Declarer)
	FOR OFFICE USE OF	VLY	
	my knowledge and belief, the application meets the requirements		Office of the Fire Controls sixted
	ndards and Safety Act, Boilers and Pressure Vessels Regulation		
COA Startuaru	B51 and is accepted for registration in Category		loba 🗫
CRN:	<u> ØAZØ418.54</u>	de literatura de la constanta	STERED
Registered by:	RAISIE HARB	ORN. S	12041854
Dated:	2018/09/25	Signed: <b>76</b> Date: <b>20</b>	18/09/25
	registration expires on:		<del></del>

<sup>\*</sup>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 Berstock Fittings
TEST-33  CONCOA Cross Fittings using Brass Barstock. Design Pressure: 5500 psig / Observed Burst Pressure: 26000 psi (The following parts are examples of this contraction: 8308137, 8308188, 8308884, etc.)	TEST-43  CONCOA Tee Fittings using Stainless Barstock: Design Pressure: 3000 psig / Disserved Birst Pressure: 2000 contruction: 8309272, etc.)
TEST-36  CONCOA Medical Tee Fittings using Brass Berstock. Design Pressure: 3000 psis (The following series are examples of this contruction: 8305659, etc.)	TEST-44 CONCOA Cross Fittings using Stainless Barstock. Design Pressure: 6000 psig / Observed Burst Pressure: 320 contraction: 8308139, 8308844, etc.)
TEST-41  CONCOA Bullshead Reducer Fittings using Brass Barstock. Design Pressure: 4500 psig / Observed Burst Pressure: 25000 psi (The following series are examples of this contruction: 8305335, etc.)	
TEST-42  CONCOA Tee Fittings using Brass Barstock. Design Pressure: 3000 psis / Observed Burst Pressure: 21000 psi (The following series are examples of this contraction: 8309270, 8309271, etc.)	Inspection & Office of the Fire Technical Services Constilssioner

Inspection & Office of the Fire Technical Services Manifoba THIS IS PART OF CRN

PAZØ418.54



345 Carlingview Drive Toronto, Ontario CANADA M9W 6N9 Tel.: 416.734.3300

Fax.: 416.231.1626 Toll Free: 1.877.682.8772

www.tssa.org

November 12, 2018

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

Service Request Type.: BPV-National CSA

Service Request No.: 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. 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



Group H2

## CRN: CSA- OA 20 418.56

### Statutory Declaration Registration of Fittings Registration Process administered by

(a) Design	Qualification		CSA Group per CSA B51
I <sup>1</sup> John F	Friedrichs		h was mining at a cuttor and tacks to fortune and a construction of the construction o
	visor of Design Engineering		
	(Position eg, president, plant	manager, ch	ief eng.)
Of Contro	ols Corporation of America		
01	(name of com	pany)	
	1501 Harpers Road, Virginia Beach, VA 23454		
Located at	(plant addre	ess)	
do solemniv d	declare that the fittings listed hereunder, which are subject	to the Boile	rs & Pressure Vessels Act:
•			
comply require	y with all the requirements of the ANSI/ASME codes as to ed:	their aimei	isions, material, identification & service for which are
are not burst data.	t covered by the provisions of the ANSI/ASME codes, and test code and standard, and are designed to the b	l are thereforest current	ore constructed to comply with 4x max pressure engineering practice, as shown by the supporting test
I further decla ISO 9001		nority or aut	norized agency Intertex Services Corporation
The fittings <sup>2</sup> o	covered by this declaration, for which I seek registration, ar	e Categ	ory A fittings
In support of Scope, Tes	the application, the following information, calculations and t Reports and Representative Sketches, Design Dra	/or test data wings	a are attached:
Declared baf	······································		
In the of	of Origina		
8 ASB 7	Day of April AD/920	K (	120
	A (commissioner for oaths)		Signature of Declarer
# 70155			
	For Official U	se Only	
The application	ation is accepted for registration in Category <del>^</del>	in accord	dance with the Boilers and Pressure Vessels Act and
This regist	ration must be revalidated after ten (10) years from the da	te of accept	rance. Jun - 05 - 2028
Registered	Number CRN CSA-OA20418.56	For the C	GROUP Aug · 08 · 2018

All fittings are required to be registered in the name of the Manufacturer.

Three completed copied of Statutory Declaration form together with three copies of Catalogs, drawings of Bulletins illustrating above fittings shall be submitted.

<sup>2</sup> 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. assonat . Date: 8 Aug 2018

CR. CSA-CASO418.+6

Registration Process administered by CSA Group per CSA B51

REGISTERED





CRN: CSA- 0A20418.56

Regina, SK S4R 1K3 PH: (\$06)798-7112 Toll Free: (866)530-8599 FAX: (\$06)787-9273 Toll Free: (866)760-9255

Email: hollerpermits@tsask.ca Website: www.tsask.ca

Safety Authority
of Saskatchewarton Process administered by

<del>- GSA Group per GSA-B51</del>

Statutory Declaration (Registration of Fittings)

TCK 4000

2202 2nd Ave.

			1917-1000
I. D	eclaration Information		
I,	John Friedrichs	ace, sho	
_	Supervisor of Design Engineering	\	<b>TUK</b>
_	(company title, e.g. vice president, plant manager, chief e (must be in a position of authority in the manufacturing plant where the		CONTROLS
of:	Controls Corporation of America	WWW.AURACONTROL.9COM	
	(name of manufacturer)	Decade	ASE
loca	ted at: 1501 Harpers Road	Virginia Beach, VA 23454	
	(Plant Address – Apt/Street)	(City,Prov) (Postal Code)	
	plemnly declare that the fittings listed hereinunder, whice sel Safety Act (check one)	ch are subject to the <i>Saskatchewan Boiler and Pr</i>	ressure
0	Comply with the requirements of	which specifies the dimensio	ns,
	(title of recognized Nort Materials of construction, pressure / temperature ration		
•	Are not covered by the provisions of a recognized Not to comply with Proofs 4x Design Pressure	orth American standard and are therefore manufact as supported by the atta	
	data which identifies the dimensions, materials of cor for such ratings, and the marking of the fittings for ide	nstruction, pressure / temperature ratings and the b	
l food	· · · · · · · · · · · · · · · · · · ·		
	her declare that the manufacturer of these fittings is co		
	ed by the following authority, Intertek Services Corporati		1
	ese fittings to the stated standard. The fittings covered 9001 (Category A)	by this declaration, for which I seek registration, ar	re
190	ooo i (Calegory A)		1
In su	pport of this application, the following information, calculated	ulations and / or test data are attached:	
See	Attached		1
			i
II. C	Declaration		
DEC	LARED before me at Occamin Beach In the	STATE of Unquia	
this	day of Land	2018	
84 X	1000	— · — (0)	
(Dr	the doller living	(Signature)	<del></del>
Ž	132 m 10 8	(orginatio)	
(Sig	gnature of Commissioner of Oaths) #70/35 25 CXP	31 MAY 2022	1
	Office Use Only		
CSA	e best of my knowledge and belief, the application meets the B51, Clause 4.2, and is accepted for registration in Category	requirements of the Boiler and Pressure Vessel Safety	y Act and
	SA-0A20418.56 A	14a · 08 · 2018 Jun · 05 · 20	028
(Re		Registered - MM DD YYYY) (Expiry Date – MM DD Y	YYY)
	(For th	ne Aministratori (Tradins lector) A. BANWA	77
		Comp Comp	
			Ī

REGISTERED (G) GSA GROUP

CRIT CSA - CASO4/P. + 6

Registration Process administered by

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

Signed: OSSWOO

CSA Group per CSA 851

Date: 8 Acy 2018



345 Cadingview Drive Toronto Oniano M9W 6N3 Tel: 416 734 3300 Fax: 416 231 1626 Toll Free: 1.877 682 8772

www.tssa.org

June 05, 2018

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

Service Request Type: BPV-Fitting Registration

Service Request No.: 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. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Jacus Zost Zivko Gacevic P. Eng.

Mechanical Engineer, BPV

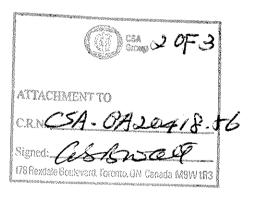
Tel.: 416-734-3429 Fax: 416-231-6183

Email: zgacevic@tssa.org

### SCOPE FOR FITTINGS TYPE A - REV 1

(Temperature Range: -40°F to 140°F)

Brass Barstock Fittings	Stainless Barstock Fittings
TEST-33  CONCOA Cross Fittings using Brass Barstock. Design Pressure: 5500 psig / Observed Burst Pressure: 25000 psi {The following parts are examples of this contraction: 3308137, 8308138, 8308884, etc.)	TEST-43  CONCOA Tee Fittings using Stainless Barstock. Design Pressure: 3000 psig / Observed Burst Pressure: 20000 psi (The following series are examples of this contruction: 8309272, etc.)
TEST-36  CONCOA Medical Tee Fittings using Brass Barstock. Design Pressure: 3000 psig / Observed Burst Pressure: 15000 psi (The following series are examples of this contraction: 8305659, etc.)	TEST-44  CONCOA Cross Fittings using Stainless Barstock. Design Pressure: 6000 psig / Observed Burst Pressure: 32600 psi (The following parts are examples of this contraction: 8308139, 8308844, etc.)
TEST-41  CONCOA Bulkhead Reducer Fittings using Brass Barstock. Design Pressure: 4500 psig / Observed flurst Pressure: 25000 psi (The following series are examples of this contruction: 8309335, etc.)	
TEST-42  CONCOA Tee Fittings using Brass Barstock. Design Pressure: 3000 psig / Observed Burst Pressure: 21000 psi (The following series are examples of this contraction: 330920 830921, etc.).	



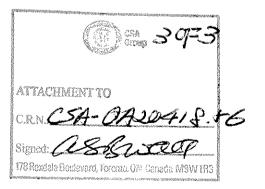
THIS IS PART OF CRN 0A204/8.5

Technical Standards & Safety Authority Boilers & Pressure Vessels Safety Program

Z. G. 615/18

## BURST TEST RESULTS SUMMARY - REV 1

· · · · ·		(C. 1000)	·									-
Test No.	Test Description  Brass Barstock Body with M20 Capsule Thread	Geometry Brawing	Stetch	flody	Волле	Seat Maurie	Other Material	Max Rated Pressure (PSN	Burst Pressure (PSI)	Infet or Outlet	Safety Factor	Temperature
1	Infot Pressure Test Brass Barstock Dody with 5/8-24 Capsule Turead	3	1	UNS C36000 - Brass Danstock per ASTM B-16	n/a	UNS C36080 - Brass Barstock per ASTM 8:16	n/s	4500	25000	Inlet	5.56	-40°F to £40°F
6	Infet Pressure Test	2	7	UNS C35000 - Brass Ranstock per ASTALE-16	0/2	UNS C36000 - Brass Supstock per AS FM B-16	1/2	6903	28000	Infet	4.67	-40°F to 140°F
9	Stainless Barstock Body with M20 Capsule Thread Injet Pressure Test	3	19	UN\$ 531603 - 3161 Stabiless Barstock per ASTM A276	UNG \$36300 - 303 Stainless Barstock per ASTM A-582	UN\$ 532603 - 3160 Stainless Borstock per ASTM AZ76	7/5	6000	32000	latet	5 33	-40°F to 140°F
10	Brass Forged Body with M20 Capsule Thread inict Pressure Test	5	6	UNS 037700 - Forged Bress Bacatock per ASTM 8-124	n/o	UNS C36000 - Brass Baratock per ASTM B-16	n/a	5500	26000	falet	4.73	
11	Brass Barstock Body with 45ppm Zinc Die Cast Bannet Outlet Pressure Test	5	1	UNS CS6000 - Press Barstoni per ASTM 8-46	UNS 233520 - Zinc Die Cast per ASTM N-86	n/o	0/2	500	15000	Outlet	30	40°F to 140°F
12	Brass Barstock Body with 45mm Brass Barstock Bosset Outlet Pressure Test	7	2	UNS C36000 - Brass Berstock per ASTM 8-16	UNS C36000 - Brass Beesterk per ASTM 9:36	nla	n/a	200	15000	Outlet		-40°F to 140°F
14	Brass Barstock Body with 65mm Zinc Die Cast Bompet Outlet Pressure Test	4	4	UNS C36000 - Blass Barstock per ASTM B-16	UNS 233520 - Pinc Die Caus por ASTN 8-86	<i>√</i> / <b>3</b>	n/a	250			30	-40°F to 140°F
15	Brass Barstock Body with bismm Brass Forged Bonnet Outlet Pressure Yest	6	5	UNS C35000 - Brass Barstock per ASTM 8-16	UNS C37700 - Forged Brass Bantonk per ASTACE 124	n/a			15000	Outlet	60	-40°F to 140°F
16	Brass Barstock Body with 2-1/16 16 Brass Barstock Bonnet	10	<del>,</del>			। एव	n/a	250	17060	Outlet	68	-40°F to \$46°F
	Outlet Pressure Test	10		Litt's C36000 - Brass Barstock per ASTM 2-16	UNS CIBOX) - Brast Burstock per ASSA 8-16	n/a	nja	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 - 0 rass Surstock per ASTM 8-16	UNS C36000 - Brass Barstock per ASSM E-35	e/s	n/a	6000	29030	Outlet	4.83	40°F to 140°F
19	Stainless Barstock Body with 45mm Zinc Die Cast Bonnes Outlet Pressure Test	5	10	GNS 531693 - 316L Stainless Barstock per ASTM 4276	UNS 293526 - 7/10C Dep Cast per ASTM 8-86	r/a	n/a	500	17000	Gutlet	34	40°F to 140°F
20	Stainless Barstock Body with 45mm Brass Barstock Boundet Outlet Prossure Test	7	11	UNS 537603 - 3161 Stantoss Bandeck per ASTM A376	UNS C36000 - Brass Syristock per ASSES 8-16	n/a	r/a	500	16030	Outlet	36	-40°F to 140°F
21	Stainlies Barstock Body with 45mm Stainless Barstock Bonnet Outlet Pressure Test	7	12	UNS \$31603 - 3161 Stainless Barstock per ASTM A276	NNS \$31003 - 3161. Stainless Barstock per AS176 A776	2/4	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	UNI 531603 - 836s, Staidfeld Barstock, per ASTM 7,276	UKS 238520 - Zinc Dir-Cast Nev ASTM 8-86	:Ja	r/a	250	17600	Clustet	- 68	40°F to 140°F
23	Stainless Barstock Body with 65mm Stainless Barstock Bonnet Outlet Pressure Test	51	16	UNS 581000 - 3151. Stainfess Barstork per AS161 AZ76	UNS \$31603 - 5101 Stringer) Services per ASTAT 4275	r/s	r/a	250	17000	Outlet	68	-40°F to 140°F
24	Standess Berstock Body with 1 5/8 16 Steinless Barstock Bonnet Gutlet Pressure Test	3	14	UNS \$31603 - 2161, Stabillion Barstonk der Astal A276	UNE SERGES - BEOL Standers Bacttock per ASTAL AZPE	s/a	r/a	6909	29000	Cotlet	4.83	-40°F to 140°F
25	Brass Forged Body with 65mm Brass Forged Bonnes Outlet Pressure Test	6	6	UNS 037700 - Forged Brass Barstock der ASTM 9-324	UWS 037700 - Forged thoss Szintnik yer ASTM 8 184	n/a	n/a	250				
27	Brass Barstock Body with 2-16 Brass Barstock Bonnet Outlet Pressure Test	9	15	UNS C36000 - Snass Sarstock per ASTM B-16	UNS C46000 - Brais Baistock per ASTM 8-16	s/i	r/a	3.KUG	17000	Outlet	68	-40°F to 140°F
28	Brass Barstock Body with 2-15 Brass Barstock Borinet Oome Pressure Test	9	15	GNS C36000 - Brass Baristox Riger ASYNS B-1,6	UNS C36000 - Brass Barssock per ASTS# B-16	o/a	n/a	3000	18000	Ourlet	6	-40"F to 140"F
32	Stainless Barstock Body with 2-16 Stainless Barstock Bonnet Outlet Pressure Test	9	17	SINS 581603 - 816L Stainless Baratock per ASTM AZ76	UNS \$31603 - 316L Staindess Barstock per ASTM A276	t/ja	e/a	9500	18000 18000	Dome Outlet	6	-40°F to 140°F
33	Protocol Station Cross 1/4" NPT	n/a	18	15/8	ก/3	7/8						- WALLD THE L
35	Introsically Safe Transducer Transducer	1/8	29	rifa .	a/s	r/2	UNS C30600 - Brass Barstock per ASTN B-30 UNS ST7400 - 17-4 Stauress Stoet per ASTM A-693	5900	26(K)Ğ	Inlet/Outlet	4.72	-10°F to 140°F
35	Tce	n/a n/a	20	n/a	n/a	0/8	URS 517400 - 17 4 Stamless Steel per ASTA A-693	6000 6000	32000 4000D	Inlet	5.33	-40°F to 140°F
37	Pneumatic Shutdown Valve	n/a	22	47/a Links 531603 - 316L Staintess Barstock per ASTM A276	P/II	r/a	(7NS C36000 - Brass Barstrick per ASIM B-16	3000	15000	inlet Inlet	6.67	40°F to 140°F
38	Pneumatic Shuldown Valve	n/a	22	GHA SB1603 - 316C STAINTESS BAYSTOCK DAY ASTEM A276	UNS SB0300 - 803 Statellers Rentock per ASTALA 552	c/a	UNS A96561 - 5061 Aluminum per ASIM 3 211	3500	21000	Infet/Quilet		40°F to 140°F
39	Oraphragm Valve	n/a	23	UNS C35000 - Brass Barstock per A5554 B-16	UNS \$30300 - 309 Stainless Barstock per ASTM A-5x2 UNS \$36000 - Brass Sarstock per ASTM B-16		UN5 A9606) - 6061 Alaminum ner ASEM 8 211	225		Prieumatic Input	7.2	40 F to 140 F
40	Draphragm Valve	n/a	24	UNS CEGOOD - Bruss Barstons, per ASTAT E-16	UNS C16000 - Brass Earstock per ASTA B-16	2/4	n/a	3500	21000	inlet/Outlet	6	40'F to 140'F
41	Bulshead Reducer	10/2	25	5/2	1/4	0/a 0/a	tr/a	3508	23000	i-let/Outlet	6.57	-40°F to 140°F
43	Ten Tee	n/a	26	0/2	7/4	9/4 9/4	UNS CRECOGO Brass Barstock see ASTM B-10	4500	25/00	Inlet/Outlet		-40°f to 140°f
44	Protocol Station Cross 1/4" NPT	0/4	27	5/9	nja	90	UNS C3EDEO - Brass Barstock per ASTM B-36 UNS S31603 - 3161 Staniers Barstock per ASTM A276	3000	210(%)	Intet/Outlet	7	-40°F to 140°F
	THE PERSON CONTRACTOR	7/3	29	n/a	7/4		UNS S31603 - 3161 Stainless Baratock per A5154 A276	3000	20000	triet/Outlet	6.67	-40°F to 140°F
							A COLUMN CONTROL OF BACKINGS PER ASSESS AV / 6	6000	32000	Intet/Dutlet	5 33	40°F to 140°F



THIS IS PART OF CRN 0A 20418.5

Technical Standards & Safety Authority Boilers & Pressure Vessels Safety Program

2-6- 6/5/18



345 Carlingview Drive Toronto, Ontario CANADA M9W 6N9 Tel.: 416.734.3300

Fax.: 416.231.1626 Toll Free: 1.877.682.8772

www.tssa.org

August 13, 2018

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

Service Request Type.: BPV-National ACI Central

Service Request No.: 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. 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

NEW	BRUNSWICK
241 1244	No CT

NOVA SCOTIA YUKON

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

MANUFACTURERS NAME: CONTROLS CORPORATI		
	ON OF HMERICH	
PLANT LOCATIONS (SAME)	VIRGINIA BEACH,	VA .23454 USA
CATEGORY OF PITTINGS TO BE REGISTERED, CIRCLE C	NE CATEGORY ONLY	THE ACCESS AS COUNTY OF SHAPE HERE IN
© Pipe fizings, including couplings, tess, gibours, Ye, piuce, unions, pine	Cape, or reducers	
B Flanges: all flanges C Valvas: all line valvas		PROOF TEST
D Expension joints, flexible connections, and home connections as successful.	,	= 4 x Max Design
E Suriners, filters, separations, and sinem imps .P Measuring devices, including pressure gauges, level gauges, sight gis		
		PRESSURE
G Certified capacity-rated pressure relief devices acceptable as primary bollers, pressure vessels, piping and fusible page	·	
H Pressure retaining components that do not fall into one of the above of	ntegories	
N Nuclear-components: Class 1 🗆 Class 2 🖸 Class 3 🗇, (Meeting AE SHOW MANUFACTURERS NAME, TRADESSARK, OR LOGO AS IT WIL	CB OF ASME requirements)	
	A SPARON INETRODUCT	PORCED M. WELDER D. WROHANT C
SEE BELOW		PORGED E WELDED D WRIGHT D
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		MACHINED BARSTOCK
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DESIGN DRAWINGS	GAB CONTROL	
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PPOLADÁTION.		
DECLARATION:    JOHL FRIEDRICHS (see now a) employed by Civil reasonability for the results of the end product do extensive declaration	Co A and hele	the second house A #
temograture retings, and identification markings are in econstance to	il. Into Cimonische, megenele:	of construction, pressure
MAININGAYIN CI MASO MANCE IL MICHAGO DY A CHANNY CARRA PRAK	âm which extends to each hier	f where following a second to the con-
or in part and has been verified by / / L. T.C. K. declaration conscientiously believing it to be true, and knowing that	as baint simbria for that	Summers and I make as a
	IT IS OF RICE SOLID FORCE STATE GUA	as a made distant card
Signature of Declarer:		
Declared before me at Marin Beach, VA	USETHIS	S P 3 C S S S S S S S S S S S S S S S S S S
This day of _here AD AD AD	OFFIC	
Commissioner of Oaths		A STATE OF THE STA
or Notary Public (sign)	TH W/2/4/4 2 2 2 2	
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This registration must be revalidated after to	on (10) years from the date of t	oceptance.
CRN: 0A20418.5	,	
· · · · · · · · · · · · · · · · · · ·	ACCEPT	©D .
FIDH: 614	PROVINCE OF PRINCE E	DWARD ISLAND
	THE STREET AND	RNVIRONMENT
	COMMUNITED PARTY OF	P 507 J 1 475 th of January
Notes:  3. All different that the resistance in the name of the Manufacturer.	COMMUNITIES, LAND &	
All fittings shall be registered in the name of the Manufacturer,     Each category shall be supported with two Statutory Declaration	SIPOSAO MED	. 59
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.	SIPOSAO MED	. 59
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 sutherity and responsibility for the quality of the end product.	SIPOSAO MED	. 59
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.	DATE: June 03	.59 20/8 Hishe
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 sutherity and responsibility for the quality of the end product.	DATE: June 03	. 59 20/8 H Cobe CES SECTION

NEW BRUNSWICK NUNAVUT NOVA SCOTIA YUKON PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

MANUFACTURERS NAME: Control	
MANUFACTURERS NAME: CONTROLS CORPORATION MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VII	OF HMERICH
PLANT LOCATIONS: (SAME)	RGINIA BEACH, VA 23454 USA
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CA	TEGORY ON V
OPipe fittings, including couplings, tees, allows, Ye, pluge, unions, pipe cape,	er rechinera
D Flanges: eli flanges C Valves: ali fine valves	PROOF TEST
D Expension joints, flexible connections, and hose assemblies: all types	= 4 x Max Desic
E Strainers, fillers, separators, and steem trans	
.F Measuring devices, including pressure gauges, level gauges, sight glasses, is pressure assemblers	I PESSURE
O Certified capacity-rated pressure ratef devices ecceptable se primary over priority pressure vacacis, piping and fusible page	ressure protection on
H Pressure retaining components that do not fall into one of the above extegoric	_
N Nuclear-components: Class 1 [] Class 2 [] Class 3 [], (Meeting AECB or	ASME requirements)
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APP	PAR ON THE PRODUCT THE OF THE PRODUCT
	PORGED IN WELDED O WINDUSHY OF CAST O CHIEF H
SEE BELOW	DESCRIBE OTHER:
	MACHINED BARSTOCK
118T OF REPORTING ACCUMENTATION AND INCOME.	IMMENIND BARSTOCK
LIST OF SUPPORTING DOGUMENTATION AND IDENTIFICATION OF THE A	CTUAL TIEMS TO BE REGISTERED:
Scope	
TEST REPORTS AND REPRESENTATIVE SK	ET-LA I
TEST TO THE REPORT OF	A
DESIGN DRAWINGS	
4.5	
DECLARATION: いけい トルトー・ Concerns a employed by Concerns a employed by Concerns Conc	
esponsibility for the quality of the end product do sciemnly decisive that the ny knowledge represents the product for which registration is sought. The emperature strings, and identification markings are in accordance with the nanufacture of these fittings is regulated by a Quality Control Program with or in part and has been verified by	ne information contained in this form is true and to the best of e dimensions, materials of construction, pressure to herein named standards. I further declare that the sich extends to each plant where tabrication occurs in whole
eclaration conscientiously balleving it to be true, and knowing that it is of	the same force and effect as if made tridlen certs
Ignature of Declarer:	3/09-F
lectored before me at Witinia Beach, VA	USETHIS SPA
his 47th day of April AD 2018	
	OFFICIO
commissioner of Oaths r Notary Public (eign)	<b>"是是我们们的一个人</b>
(Affix Official seal to the right) #70/3728	PK 31MM 7622
This space for Regulatory	77.1
This registration must be revalidated efter ten (10	) years from the date of acceptance.
CRN: 0A20418.5	OLER & PRESSURE VER
	NOWA SCOTTA
FIDE: 614	
	CRN CARAGE
Notes:	C.R.N. OA 20418.58
i. All fittings shall be registered in the name of the Manufacturer. L. Each category shall be supported with two Statutory Declaration	Dwg. as described
ome and one copy of supporting documentation	Signed Ferry
The declaration shall be made by the person having full authority and exponsibility for the quality of the end product.	1 0 1
. Quality control programs shall be resubmitted for validation	Part Part REGULATIONS
it a maximum interval of five (5) years.	& REGULATION

## UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS NEW BRUNSWICK **NOVA SCOTIA** PRINCE EDWARD ISLAND **NEWFOUNDLAND AND LABRADOR** NUNAVUT YUKON NORTHWEST TERRITORIES MANUFACTURERS NAME: CONTROLS CORPORATION OF AMERICA MANUFACTURERS ADDRESS: 1501 HARPERS ROAD . VIRGINIA BEACH. Va 23454 USA PLANT LOCATIONS: (SAME) CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY TITLE OF THE STANDARD OF CONSTRUCTION Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers PROOF TEST B Flanges: all flanges C Valves: all line valves D Expension joints, flexible connections, and hose assemblies: all types = 4 x Max Design E Strainers, filters, separators, and steam traps .F. Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or PRESSURE 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) SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT TYPE OF CONSTRUCTION FORGED EL WELDED D WROUGHT D CAST DOTHER DESCRIBE OTHER: SEE BELOW MACHINED BARSTOCK LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: SCOPE TEST REPORTS AND REPRESENTATIVE SKETCH DESIGN DRAWINGS DECLARATION: 1 JOHO FRIEDRICHS (see note 3) employed by CON 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 and being the person having full authority and 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 INTERTER 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 to Signature of Declarer: Declared before me at USETHIS SP. OFFICI Commissioner of Oaths or Notary Public: (sign) (Affix Official seal to the right) #70/3728 tX/3/MAY 2022 This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of CRN: 0A20418.5 DEPT OF PUBLIC SAFETY FID#: 614 **BOILER & PRESSURE VESSEL ACT** REGISTRATION ONLY CRN EXAMINER

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.

or **'NSPECTOR** で対任 DATE

	Bl.Rs		PVs
ıη	FITTINGS	□ cc	MPONENTS

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	FIGH FOR THE REGISTRATI PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LASRADOR
MANUFACTURERE NAME	Carparia	20 1 -5 0	
MANUFACTURERS ADDR	ESS: 1501 HAPPER	PORATION OF AMERICA S ROAD, VIRGINIA BEACH	+
PLANT LOCATIONS: (5	AME)	S KOND, VIK GINIH DEACH	1, VA -23454 USA
		D. CIRCLE ONE CATEGORY ONLY	THE OF THE BYANGARD OF CONSTRUCTO
© Pipe fittings, including col B Firinges: all fienges C Valves: all line valves	uplings, toes, elbows, Ys, plug	ss, unions, pipe caps, or reducers	PLOOF TEST
D Expension joints, flexible	connections, and hose essent	blies: all types	= 4 x Max Desig
E Strainers, filters, separato .F Massuring devices, includ	ira, and steem traps ling pressure gauges, level ga	unna, alohi citassas, levels, er	
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DODOTO, DYWSBLEE VEGSOES.	Signo and fusible okus		
H Pressure retaining compo	nents that do not fall into one	of the above categories  1. (Meeting AECB or ASME requirements)	
SHOW MANUFACTURERS N	LAME, TRADEMARK, OR LO	I, (MOOTING AECS OF ASME INQUIREMENTS) GO AS IT WILL APPEAR ON THE PRODUC	I Waterway
			PORGED N WELDED CO WROUGHY CO
SEE BELOW			MACHINED BARSTOCK
LIST OF SUPPORTING DOC	UMENTATION AND IDENTI	TCATION OF THE ACTUAL ITEMS TO BE	FORTERED
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LEST REPORTS	and Represent	TATIVE SKETCH AL	
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ny knowledge represents the emperature retings, and iden enufacture of these fittings	e product for which registra ntification markings are in is regulated by a Quality C	by (100 (a) and be maly declare that the information contains ation to sought. The dimensions, material accordance with the herein named stand control Program which extends to each pass befor suitable for its	or in this form is true and to the best of its of construction, pressure ards, i further declare that the land where fabrication occurs in whole
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eclared before me at nisday of	Litinia Beach		
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	This a	pace for Regulatory Authority use	THE PROPERTY OF THE PARTY OF TH
This	registration must be revail	dated after ten (10) years from the date of	of acceptance.
RN: 0A20418.5	······	Newfoundland	j

Service NL Registered 0A20418 · 50 Date 26 JUNE 2018

Engineering and Inspection Services
Registered by Hocal

UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND

THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS

FIDW: 614

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 medimum interval of five (5) years.

NEW BRUNSWICK JUNAVUT	NOVA SCOTIA YUKON	PRINCE EDV	VARD ISLAND T TERRITORIES	ATION OF FITTING NEWFOUNDLA	ND AND LABRADOR
MANUFACTURERS NAME:	CONTROLS CO	RPORATION	OF AMERI	CA	
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F Measuring devices, includis pressure transmitters		•		PR	ESSURE
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temperature ratings, and identification markings	to solemnly deciare that the information contained i registration is sought. The dimensions, materials of are in accordance with the herein named standard	of construction, pressure
declaration conscientiously believing it to be true	Ex. ss being suitable for that pand knowing that it is of the same force and effect	purpose and I make this sciemn
Signature of Deciarer:	<u></u>	
Deciared before me at Lituria Be	ach, VA USETHIS S	PART
This 4Th day of April A	D 2018 OFFIC	
Commissioner of Oaths or Notary Public: (sign)		S O MIN O
(Affix Official seal to t	the right) #7015728 tX/31MAY 2622	TO THE PURPLE OF
	This space for Regulatory Authority use	ninimi.

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 paydray methods of few (6) pages.

at a maximum interval of five (5) years.

, 6/26/2018

NEW BRUNSWICK NUNAVUT	NOVÁ SCOTIA YUKON	PRINCE EDWARD NORTHWEST TE	ISLAND	NEWFOLINDLAND	
MANUFACTURERS NAME:	CONTROLS CORP	-20	ANTOLO		
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N Nuclear components: Class	4 1 Class 2 Class 3 Cl. (A	o above calegories Leoling AECD or ACME	E manimumanta\		
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or Notary Public (sign)				<i>25</i> % e	NO S
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77 /8 #

To:ACI Central ;8678730117

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NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME: C	ONTROLS CORPOR	PATION OF AMERICA	
MANUFACTURERS ADDRESS	1501 HARDERS O	OAD, VIRGINIA BEACH	VA 234 CU USA
PLANT LOCATIONS: LSAN	F)	VALD, VIK GININ BEACH	VA 23454 USA
		RGLE ONE CATEGORY ONLY	10 E
Pipe fittings, including coupling			TITLE OF THE STANDARD OF CONSTRUCTION
B Flanges: sit flanges C Valves: all line valves	ge, weet moveme, re, pluge, plat	ure, pipe cept, or reducers	PROOF TEST
D Expansion joints, flexible core	ections, and hose assemblies:	all hous	= 11 . 11 6.
E Strainers, filters, separators, a	nd athern frame	• •	= 4 x Max Design
.F Measuring devices, including pressure transmitters	ressure gauges, level gauges, s	sight glasses, levels, or	PRESSURE
G Certified capacity-rated pressu	re relief devices ecceptable as :	primary over pressure protection on	
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		oting AECB or ASME sequirements)	
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1 JOHN PREDRICH	rees note 3) employed by	们ん(0分 and bein	g the person having full authority and
responsibility for the quality of the	s and product do solemnly d		
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x in part and has been verified b	y INTERTAK	as being suitable for tha	purpose and i make this golernn
reciaration conscientiously believ	ring it to be true, and knowl!	as being suitable for the grant force and effe	oct as if made tinden cath.
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r Notery Public: (sign)		2417	
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it a maximum interval of five (5) year	··	Chief In	épector
			/
		Territorial Rec	istration Fee



345 Carlingview Drive Toronto, Ontario CANADA M9W 6N9 Tel.: 416.734.3300

Fax.: 416.231.1626 Toll Free: 1.877.682.8772

www.tssa.org

August 13, 2018

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

Service Request Type.: BPV-National ACI Central

Service Request No.: 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. 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

NEW	BRUNSWICK
241 1244	No CT

NOVA SCOTIA YUKON

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

MANUFACTURERS NAME: CONTROLS CORPORATI		
	ON OF HMERICH	
PLANT LOCATIONS (SAME)	VIRGINIA BEACH,	VA .23454 USA
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D Expension joints, flexible connections, and home connections as successful.	,	= 4 x Max Design
E Suriners, filters, separations, and sinem imps .P Measuring devices, including pressure gauges, level gauges, sight gis		
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G Certified capacity-rated pressure relief devices acceptable as primary bollers, pressure vessels, piping and fusible page	·	
H Pressure retaining components that do not fall into one of the above of	ntegories	
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or in part and has been verified by / / L. T.C. K. declaration conscientiously believing it to be true, and knowing that	as baint simbria for that	Summers and I make as a
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Signature of Declarer:		
Declared before me at Marin Beach, VA	USETHIS	S P 3 C S S S S S S S S S S S S S S S S S S
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or Notary Public (sign)	TH W/2/4/4 2 2 2 2	
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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.	SIPOSAO MED	. 59
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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.	DATE: June 03	.59 20/8 Hishe
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NEW BRUNSWICK NUNAVUT NOVA SCOTIA YUKON PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

MANUFACTURERS NAME: Control	
MANUFACTURERS NAME: CONTROLS CORPORATION MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VII	OF HMERICH
PLANT LOCATIONS: (SAME)	RGINIA BEACH, VA 23454 USA
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CA	TEGORY ON V
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D Flanges: eli flanges C Valves: ali fine valves	PROOF TEST
D Expension joints, flexible connections, and hose assemblies: all types	= 4 x Max Desic
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O Certified capacity-rated pressure ratef devices ecceptable se primary over priority pressure vacacis, piping and fusible page	ressure protection on
H Pressure retaining components that do not fall into one of the above extegoric	_
N Nuclear-components: Class 1 [] Class 2 [] Class 3 [], (Meeting AECB or	ASME requirements)
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eclaration conscientiously balleving it to be true, and knowing that it is of	the same force and effect as if made tridlen certs
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lectored before me at Witinia Beach, VA	USETHIS SPA
his 47th day of April AD 2018	
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commissioner of Oaths r Notary Public (eign)	<b>"是是我们们的一个人</b>
(Affix Official seal to the right) #70/3728	PK 31MM 7622
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The declaration shall be made by the person having full authority and exponsibility for the quality of the end product.	1 0 1
. Quality control programs shall be resubmitted for validation	Part Part REGULATIONS
it a maximum interval of five (5) years.	& REGULATION

## UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS NEW BRUNSWICK **NOVA SCOTIA** PRINCE EDWARD ISLAND **NEWFOUNDLAND AND LABRADOR** NUNAVUT YUKON NORTHWEST TERRITORIES MANUFACTURERS NAME: CONTROLS CORPORATION OF AMERICA MANUFACTURERS ADDRESS: 1501 HARPERS ROAD . VIRGINIA BEACH. V₽ 23454 USA PLANT LOCATIONS: (SAME) CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY TITLE OF THE STANDARD OF CONSTRUCTION Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers PROOF TEST B Flanges: all flanges C Valves: all line valves D Expension joints, flexible connections, and hose assemblies: all types = 4 x Max Design E Strainers, filters, separators, and steam traps .F. Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or PRESSURE pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on bollers, 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) SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT TYPE OF CONSTRUCTION FORGED EL WELDED D WROUGHT D CAST DOTHER DESCRIBE OTHER: SEE BELOW MACHINED BARSTOCK LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: SCOPE TEST REPORTS AND REPRESENTATIVE SKETCH DESIGN DRAWINGS DECLARATION: FRIEDRICHS \_(see note 3) employed by <u>Cいん CO A</u> 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 INTERTER as being suitable for that purpose and i mekaribje solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made to Signature of Declarer: Declared before me at USETHIS SP OFFICI Commissioner of Oaths or Notary Public: (sign) (Affix Official seal to the right) #70/3728 tX/3/MAY 2022 This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of CRN: 0A20418.5 DEPT OF PUBLIC SAFETY **BOILER & PRESSURE VESSEL ACT** REGISTRATION ONLY CRN **EXAMINER** or

FID#: 614 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 decisration 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. CHE - RIVLER INSPECTOR

DATE П BLRs **PVs** I FITTINGS COMPONENTS

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	FIGH FOR THE REGISTRATI PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LASRADOR
MANUFACTURERE NAME	Carparia	20 1 -5 0	
MANUFACTURERS ADDR	ESS: 1501 HAPPER	PORATION OF AMERICA S ROAD, VIRGINIA BEACH	+
PLANT LOCATIONS: (5	AME)	S KOND, VIK GINIH DEACH	1, VA -23454 USA
		D. CIRCLE ONE CATEGORY ONLY	THE OF THE BYANGARD OF CONSTRUCTO
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E Strainers, filters, separato .F Massuring devices, includ	ira, and steem traps ling pressure gauges, level ga	unna, alohi citassas, levels, er	
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H Pressure retaining compo	nents that do not fall into one	of the above categories  1. (Meeting AECB or ASME requirements)	
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	This a	pace for Regulatory Authority use	THE PROPERTY OF THE PARTY OF TH
This	registration must be revail	dated after ten (10) years from the date of	of acceptance.
RN: 0A20418.5	······	Newfoundland	j

Service NL Registered 0A20418 · 50 Date 26 JUNE 2018

Engineering and Inspection Services
Registered by Hocal

UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND

THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS

FIDW: 614

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 medimum interval of five (5) years.

NEW BRUNSWICK JUNAVUT	NOVA SCOTIA YUKON	PRINCE EDV	VARD ISLAND T TERRITORIES	ATION OF FITTING NEWFOUNDLA	ND AND LABRADOR
MANUFACTURERS NAME:	CONTROLS CO	RPORATION	OF AMERI	CA	
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D Expension joints, flexible of Strainers, filters, separator	s, and steem trace	•		= 4	x Max Desi
F Measuring devices, includis pressure transmitters		•		PR	ESSURE
<ul> <li>Certified capacity-rated pre boilers, pressure vessels, j</li> <li>Pressure retaining compon</li> </ul>	oloing and fusible plugs	•	•		
l Nuclear components: Clas	s 1 🗆 Class 2 🗀 Class 3 (	3. (Meeting AECS or A	ASME requirements	)	
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				MACHINED	BARSTOCK
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temperature ratings, and identification markings	to solemnly deciare that the information contained i registration is sought. The dimensions, materials of are in accordance with the herein named standard	of construction, pressure
declaration conscientiously believing it to be true	Ex. ss being suitable for that pand knowing that it is of the same force and effect	purpose and I make this sciemn
Signature of Deciarer:	<u></u>	
Deciared before me at Lituria Be	ach, VA USETHIS S	PART
This 4Th day of April A	D 2018 OFFIC	
Commissioner of Oaths or Notary Public: (sign)		S O MIN O
(Affix Official seal to t	the right) #7015728 tX/31MAY 2622	TO THE PURPLE OF
	This space for Regulatory Authority use	ninimi.

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 paydray methods of few (6) pages.

at a maximum interval of five (5) years.

, 6/26/2018

NEW BRUNSWICK NUNAVUT	NOVÁ SCOTIA YUKON	PRINCE EDWARD NORTHWEST TE	ISLAND	NEWFOLINDLAND	
MANUFACTURERS NAME:	CONTROLS CORP	-20	ANTOLO		
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PLANT LOCATIONS: (SA	me)	COLID) YINGI	IN DEACH	VH 23452	usa
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	connections, and hose assemblics s, and absem traps ng prodesse gauges, level gauges		07		Max Design Ssure
G Certified capacity-rated pre- boliers, pressure vessels, s	nature rollef devices ecceptable a piping and fusible plugs ents that do not fall into one of th		e protection on	, , , , ,	ZURE
N Nuclear components: Class	4 1 Cinas 2 Cinas 3 Ci, (A	o above calegories Leoling AECD or ACME	E manimumanta\		
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or Notary Public (sign)				<i>25</i> % e	NO S
	Affix Official seal to the right) #	7015728 EX	31MAY 2022		Fle all his
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1	egistration must be revalidate	d after ten (10) yean	a from the date of	200	
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4. Quality control programs shall ( at a maximum interval of five (5) y	be resubmitted for validation	1	SIGNED		7
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To:ACI Central ;8678730117

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NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME: C	ONTROLS CORPOR	PATION OF AMERICA	
MANUFACTURERS ADDRESS	1501 HARDERS O	OAD, VIRGINIA BEACH	VA 234 CU USA
PLANT LOCATIONS: LSAN	F)	VALD, VIK GININ BEACH	VA 23454 USA
		RGLE ONE CATEGORY ONLY	10 E
Pipe fittings, including coupling			TITLE OF THE STANDARD OF CONSTRUCTION
B Flanges: sit flanges C Valves: all line valves	ge, weet moveme, re, pluge, plat	ure, pipe cept, or reducers	PROOF TEST
D Expansion joints, flexible core	ections, and hose assemblies:	all hous	= 11 . 11 6.
E Strainers, filters, separators, a	nd athern frame	• •	= 4 x Max Design
.F Measuring devices, including pressure transmitters	ressure gauges, level gauges, s	sight glasses, levels, or	PRESSURE
G Certified capacity-rated pressu	re relief devices ecceptable as :	primary over pressure protection on	
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		oting AECB or ASME sequirements)	
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	O TORRESPONDE VALLANDA	TO THE PRODUCT	TYPE OF CONSTRUCTION
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i			ARTENED:
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			Destil
DECLARATION:			
1 JOHN PREDRICH	rees note 3) employed by	们ん(0分 and bein	g the person having full authority and
responsibility for the quality of the	s and product do solemnly d		
emperature rations, and identific	stion meddoos are in access	teros with the best because standard	of construction, pressure
INNINDICATION OF BLOOD INTO THE CO.	Annered by a ritheral could	Program which extends to each bla	III Whata fabrication names is used.
x in part and has been verified b	y INTERTAK	as being suitable for tha	purpose and i make this golernn
reciaration conscientiously believ	ring it to be true, and knowl!	as being suitable for the grant force and effe	oct as if made tinden cath, itis
Signature of Decision:	LICI		NOT PER ME
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r Notery Public: (sign)		2417	
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This regi	tration must be revalidated		JUNAVIIT'
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CRN: 0A20418.5		\$ 20 D	Boilers and
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<ol><li>Each category shall be supported</li></ol>	with two Statutory Declaration		
forms and one copy of supporting do 3. The decistration shall be made by	comentation, the person basino fisti authorito	Date JUNE 35	1, 2018
esponsibility for the quality of the en	d product.	Signed	2
<ol> <li>Quality control programs shall be at a maximum interval of flux (%) was</li> </ol>		1/1/4/	
it a maximum interval of five (5) year	··	Chief In	épector
			/
		Territorial Rec	istration Fee



345 Carlingview Drive Toronto, Ontario CANADA M9W 6N9 Tel.: 416.734.3300

Fax.: 416.231,1626 Toll Free: 1.877.682.8772

www.tssa.org

August 13, 2018

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

Service Request Type.: BPV-National ACI Central

Service Request No.: 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. 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

NEW	BRUNSWICK
241 1244	No CT

NOVA SCOTIA YUKON

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

MANUFACTURERS NAME: CONTROLS CORPORATI		
	ON OF HMERICH	
PLANT LOCATIONS (SAME)	VIRGINIA BEACH,	VA .23454 USA
CATEGORY OF PITTINGS TO BE REGISTERED, CIRCLE C	NE CATEGORY ONLY	THE ACCESS AS COUNTY OF SHAPE HERE IN
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B Flanges: all flanges C Valvas: all line valvas		PROOF TEST
D Expension joints, flexible connections, and home connections as successful.	,	= 4 x Max Design
E Suriners, filters, separations, and sinem imps .P Measuring devices, including pressure gauges, level gauges, sight gis		
		PRESSURE
G Certified capacity-rated pressure relief devices acceptable as primary bollers, pressure vessels, piping and fusible page	·	
H Pressure retaining components that do not fall into one of the above of	ntegeries	
N Nuclear-components: Class 1 🗆 Class 2 🖸 Class 3 🗇, (Meeting AE SHOW MANUFACTURERS NAME, TRADESSARK, OR LOGO AS IT WIL	CB OF ASME requirements)	
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PPOLADÁTION.		
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or in part and has been verified by / / L. T.C. K. declaration conscientiously believing it to be true, and knowing that	as baint simbria for that	Summers and I make as a
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Signature of Declarer:		
Declared before me at Marin Beach, VA	USETHIS	S P 3 C S S S S S S S S S S S S S S S S S S
This day of _here AD AD AD	OFFIC	
Commissioner of Oaths		A STATE OF THE STA
or Notary Public (sign)	TH W/2/4/4 2 2 2 2	
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	THE STREET AND	RNVIRONMENT
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All fittings shall be registered in the name of the Manufacturer,     Each category shall be supported with two Statutory Declaration	SIPOSAO MED	. 59
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.	SIPOSAO MED	. 59
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 sutherity and responsibility for the quality of the end product.	SIPOSAO MED	. 59
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.	DATE: June 03	.59 20/8 Hishe
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NEW BRUNSWICK NUNAVUT NOVA SCOTIA YUKON PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

MANUFACTO ECER VALLE	
MANUFACTURERS NAME CONTROLS CORPORATION MANUFACTURERS ADDRESS: 1501 HARPERS ROAD	ON OF AMERICA
PLANT LOCATIONS: (SAME)	VIRGINIA BEACH, VA 23454 USA
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE O	NE SATESON AND V
Pipe fittings, including couplings, tree, elbows, Ys, pluge, unions, pipe	core or makingare
i in Limber: en deutos	PROOF TEST
C Valves: 48 fine valves  D Expension joints, flexible connections, and hose assemblies: all types	•
E Strainers, filters, separators, and steem trans.	
.F Measuring devices, including pressure gauges, level gauges, sight glas pressure transmitters	rressure
O Certified capacity-raind pressure railef devices acceptable as primary of boilers, pressure vassets, piping and fusible plage	ever pressure protection on
H Pressure retaining components that do not fall into one of the above car	1egories
N Nuclear-components: Class 1 □ Class 2 □ Class 3 □, (Meeting AE	CB or ASME requirements)
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGID AS IT WILL	LAPPEAR ON THE PRODUCT 1772 DECOMMANDERON
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TEST REPORTS AND REPRESENTATIVE	SKETCH A DE A TOUR
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DECLARATION:  JOHN FRIEDRICHS (Manuar) employed by Clinical	
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emperature reunge, and nontundation manungs are in accordance w naturacture of these fittings is regulated by a Quality Control Progress	MR TRA DATAIN CATRAC CIONIDADE LA
reclaration conscientiously balloving it to be true, and knowing that it	t is of the same force and effect as if made traden outs.
Signature of Declarer:	
Declared before me at Within Beach, VA	USETHIS SPA
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commissioner of Oaths	
r Notery Public: (eign)	Salla Franco &
(Affix Official seal to the right) #70/37	
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This registration must be revalidated effer to CRN: 0A20418.5  FIDS: 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.	Date June 32/18  C.R.N. OA 20418.58  Day. as described  Signed June Persy
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## UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS NEW BRUNSWICK **NOVA SCOTIA** PRINCE EDWARD ISLAND **NEWFOUNDLAND AND LABRADOR** NUNAVUT YUKON NORTHWEST TERRITORIES MANUFACTURERS NAME: CONTROLS CORPORATION OF AMERICA MANUFACTURERS ADDRESS: 1501 HARPERS ROAD . VIRGINIA BEACH. V₽ 23454 USA PLANT LOCATIONS: (SAME) CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY TITLE OF THE STANDARD OF CONSTRUCTION Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers PROOF TEST B Flanges: all flanges C Valves: all line valves D Expension joints, flexible connections, and hose assemblies: all types = 4 x Max Design E Strainers, filters, separators, and steam traps .F. Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or PRESSURE pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on bollers, 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) SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT TYPE OF CONSTRUCTION FORGED EL WELDED D WROUGHT D CAST DOTHER DESCRIBE OTHER: SEE BELOW MACHINED BARSTOCK LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: SCOPE TEST REPORTS AND REPRESENTATIVE SKETCH DESIGN DRAWINGS DECLARATION: FRIEDRICHS \_(see note 3) employed by <u>Cいん CO A</u> 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 INTERTER as being suitable for that purpose and i mekaribje solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made to Signature of Declarer: Declared before me at USETHIS SP OFFICI Commissioner of Oaths or Notary Public: (sign) (Affix Official seal to the right) #70/3728 tX/3/MAY 2022 This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of CRN: 0A20418.5 DEPT OF PUBLIC SAFETY **BOILER & PRESSURE VESSEL ACT** REGISTRATION ONLY CRN **EXAMINER** or

FID#: 614 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 decisration 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. CHE - RIVLER INSPECTOR

DATE П BLRs **PVs** I FITTINGS COMPONENTS

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	FIGH FOR THE REGISTRATI PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LASRADOR
MANUFACTURERE NAME	Carparia	20 1 -5 0	
MANUFACTURERS ADDR	ESS: 1501 HAPPER	PORATION OF AMERICA S ROAD, VIRGINIA BEACH	+
PLANT LOCATIONS: (5	AME)	S KOND, VIK GINIH DEACH	1, VA -23454 USA
		D. CIRCLE ONE CATEGORY ONLY	THE OF THE BYANGARD OF CONSTRUCTO
© Pipe fittings, including col B Firinges: all fienges C Valves: all line valves	uplings, toes, elbows, Ys, plug	ss, unions, pipe caps, or reducers	PLOOF TEST
D Expension joints, flexible	connections, and hose essent	blies: all types	= 4 x Max Desig
E Strainers, filters, separato .F Massuring devices, includ	ira, and steem traps ling pressure gauges, level ga	unna, alohi citassas, levels, er	
Pressure transmitters		ble as primary over pressure protection on	PRESSURE
DODOTO, DYWSBLEE VEGSOES.	Signo and fusible okus		
H Pressure retaining compo	nents that do not fall into one	of the above categories  1. (Meeting AECB or ASME requirements)	
SHOW MANUFACTURERS N	LAME, TRADEMARK, OR LO	I, (MOOTING AECS OF ASME INQUIREMENTS) GO AS IT WILL APPEAR ON THE PRODUC	I Waterway
			PORGED N WELDED CO WROUGHY CO
SEE BELOW			MACHINED BARSTOCK
LIST OF SUPPORTING DOC	UMENTATION AND IDENTI	TCATION OF THE ACTUAL ITEMS TO BE	FORTERS.
Scope		4.	
	A 45 Ps	•	
LEST REPORTS	and Represent	TATIVE SKETCH AL	
DESIGN DRAW	14/7_ m	GLS CONT	
DEDIGIN DELIVE	'"GS	WWW.Lineson	
			quis
ECLARATION:			
ny knowledge represents the emperature retings, and iden enufacture of these fittings	e product for which registra ntification markings are in is regulated by a Quality C	by (100 (a) and be maly declare that the information contains ation to sought. The dimensions, material accordance with the herein named stand control Program which extends to each pass befor suitable for its	or in this form is true and to the best of its of construction, pressure ards, i further declare that the land where fabrication occurs in whole
eclaration conscientiously b	elieving it to be true and i	as being suitable for it mowing that it is of the same force and e	fiect as if made under cath
ignature of Declarer:	- President		AL NOVEMBER 1
eclared before me at nisday of	Litinia Beach		
ommissioner of Oaths Notary Public: (sign)	2		An INITIAL SECTION AND ADDRESS OF THE PARTY
	(Affix Official seal to the sight	1 47018728 EXISIMAY 202	2 CAN DING THE
	This a	pace for Regulatory Authority use	THE PROPERTY OF THE PARTY OF TH
This	registration must be revail	dated after ten (10) years from the date of	of acceptance.
RN: 0A20418.5	······	Newfoundland	j

Service NL Registered 0A20418 · 50 Date 26 JUNE 2018

Engineering and Inspection Services
Registered by Hocal

UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND

THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS

FIDW: 614

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 medimum interval of five (5) years.

NEW BRUNSWICK JUNAVUT	NOVA SCOTIA YUKON	PRINCE EDV	VARD ISLAND T TERRITORIES	ATION OF FITTING NEWFOUNDLA	ND AND LABRADOR
MANUFACTURERS NAME:	CONTROLS CO	RPORATION	OF AMERI	CA	
MANAGENC I DUE UP WHITHE	oo isdi uarded	S ROAD VIA	CINIA BEA	CH, VA 234.	01 (154
PLANT LOCATIONS: (SA	ME)	<u> </u>	C/IIII	COT 44 524	sy usa
CATEGORY OF FI	TTINGS TO BE REGISTER	ED. CIRCLE ONE CA	TEGORY ONLY	THE OF HE ST	ANDARO DE CONSTRUCTO
Pipe fittings, including coup B. Flanges: all flanges C. Valves: all line valves	plings, tees, elbows, Ys, plu	gs, unions, pipe caps, :	or reducers	Proof	TEST
D Expension joints, flexible of Strainers, filters, separator	s, and steem trace	•		= 4	x Max Desi
F Measuring devices, includis pressure transmitters		•		PR	ESSURE
<ul> <li>Certified capacity-rated pre boilers, pressure vessels, j</li> <li>Pressure retaining compon</li> </ul>	oloing and fusible plugs	•	•		
l Nuclear components: Clas	s 1 🗆 Class 2 🗀 Class 3 (	3. (Meeting AECS or A	ASME requirements	)	
HOW MANUFACTURERS N	AME, TRADEMARK, OR LO	SOAS IT WILL APP	AR ON THE PRO		निक्रीकार <b>े</b> नाके
SEE BELOW				CAST II OTHER DESCRISE OTHER:	IR II MANAGEM C
				MACHINED	BARSTOCK
IN CERUPPORT NO DOC	MENTATION AND IDENT	FICATION OF THE AC	TUAL ITEMS (O.	E BUARLES	page (
Scope			شر		
TEST REPORTS A	thd Represent	tative ske	TCHAL	DAM	
DESIGN DRAWI	NGS			COMPOLE COM	
			•		DECREASE OF THE PERSONS
CLARATION:					
DOHLD FRICDRID  consibility for the quality of knowledge represents the persture ratings, and identifications of these fittings is a part and has been verified aration conscientiously be	f the end product do sole product for which registr tification markings are in	mnly deciare that the ation is sought. The accordance with the	dimensions, mat herein named st	enais of construction, pandards. I further decis	se and to the best or pressure are that the

temperature ratings, and identification markings	to solemnly declare that the information contained i registration is sought. The dimensions, materials of are in accordance with the herein named standard	of construction, pressure
declaration conscientiously believing it to be true	Ex. ss being suitable for that pand knowing that it is of the same force and effect	purpose and I make this sciemn
Signature of Deciarer:	<u></u>	
Deciared before me at Lituria Be	ach, VA USETHIS S	PART
This 4Th day of April A	D 2018 OFFIC	
Commissioner of Oaths or Notary Public: (sign)		S O MIN O
(Affix Official seal to t	the right) #7015728 tX/31MAY 2622	TO THE PURPLE OF
	This space for Regulatory Authority use	ninimi.

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 paydray methods of few (6) pages.

at a maximum interval of five (5) years.

, 6/26/2018

NEW BRUNSWICK NUNAVUT	NOVÁ SCOTIA YUKON	PRINCE EDWARD NORTHWEST TE	ISLAND	NEWFOLINDLAND	
MANUFACTURERS NAME:	CONTROLS CORP	-20	ANTOLO		
MAAGE CONTINUES INTO THE	150 HARDERC	ROAD, VIRGI	MIA BEACH	1/0 0211 5	
PLANT LOCATIONS: (SA	me)	COLID) YINGI	IN DEACH	VH 23452	usa
CAYEGORY OF FO	ITINGS TO BE REGISTERED.	CIRCLE ONE CATEGO	ORY ONLY	THE STAND	APD OF GONEYRUS TION
C Valvos: all line valves	plings, toes, elbows, Ys, plugs, u		lucera	Proof 7	EST
	connections, and hose assemblics s, and absem traps ng prodesse gauges, level gauges		07		Max Design Ssure
G Certified capacity-rated pre- boliers, pressure vessels, s	saure rollef devices ecceptable a piping and fusible plugs ents that do not fall into one of th		e protection on	, , , , ,	ZURE
N Nuclear components: Class	4 1 Cinas 2 Cinas 3 Ci, (A	o above calegories Leoling AECD or ACME	E manimumanta\		
SHOW MANUFACTURERS NO	AME, TRADEMARK, OR LOGO	AS IT WILL APPEAR	ON THE PRODUCT	TYPEOREN	SI-THUESTON
SEE BELOW				PORCED & WELDED CAST D OTHER DESCRIBE OTHER:	G AMEGNENT O
				MACHINED B	ARSTOCK.
LIST OF SUPPORTING DOC	MENTATION AND IDENTIFICA	TION OF THE ACTUA	LITEMS TO BE RE	ISTERED:	
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DESIGN DRAWII	NGS		and continue		
				A.C.	
DECLARATION:	Д(	A			
responsibility for the quality of	the end product do solemnly	declare that the time	mation contained	g the person having In this form is true :	full euthority and
temperature rations, and Irland	Effection markings are in some	na evugni. The oma	oneione, majeriale	or construction, pre-	58U/9
as in part and has been as all-	A POST OF THE PROPERTY COME	oi Liodiski Milici Bi	gauge to eacu bigg	K Where fabrication :	
declaration conscientiously be	Moving it to be true and know	ing that it is of the a	ng suiteble for that ame force and effe	Purpose and I make	dhie solemn
1	100			11 O 12 E	
Signature of Declarer:	stinia Beach V	<del>7/-</del>		3 2 5 5 9	
This 478t day of Ar	and AD 2018		SETHIS	3 P. 370	
Commissioner of Oaths	KO		OFFIC	1.5	
or Notary Public (sign)				<i>25</i> % e	NO S
	Affix Official seal to the right) #	7015728 EX	31MAY 2022		Fle all his
This	This space	for Regulatory Authorit	y u00	· · ·	2012
1	egistration must be revalidate	d after ten (10) yean	a from the date of	200	
CRN: 0A20418.5	_				16300
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All fittings shall be registered to     Each category shall be support	n the came of the Menufacturer, ted with two Stehanns Predemics	. [	UNDER THE	AUTHORITY C	)F
forms and one copy of supporting	documentation.	1	VESS	AND PRESSUREL ACT.	FE
<ol> <li>The declaration shall be made responsibility for the quality of the</li> </ol>	end product.	y and	C.R.N. 087	2418.51	
4. Quality control programs shall ( at a maximum interval of five (5) y	be resubmitted for validation	1	SIGNED		7
m - mercanson senites or tito (0) &	vau s,	1	45	1 - 1 - 0/1	<i>'</i>

77 /8 #

To:ACI Central ;8678730117

.mon3; 8f:f2;8f-f2-80

2111 212 216	O I DOLL DECEMBRICA	COMM FUR THE REUDIKATIO	N OF FITTING DESIGNS
NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME: C	ONTROLS CORPOR	PATION OF AMERICA	
MANUFACTURERS ADDRESS	1501 HARDERS O	OAD, VIRGINIA BEACH	VA 234 CU USA
PLANT LOCATIONS: LSAN	F)	VALD, VIK GININ BEACH	VA 23454 USA
		RGLE ONE CATEGORY ONLY	10 E
Pipe fittings, including coupling			TITLE OF THE STANDARD OF CONSTRUCTION
B Flanges: sit flanges C Valves: all line valves	ge, weet moveme, re, pluge, plat	ure, pipe cept, or reducers	PROOF TEST
D Expansion joints, flexible core	ections, and hose assemblies:	all hous	= 11 . 11 6.
E Strainers, filters, separators, a	nd athern frame	• •	= 4 x Max Design
.F Measuring devices, including pressure transmitters	ressure gauges, level gauges, s	sight glasses, levels, or	PRESSURE
G Certified capacity-rated pressu	re relief devices ecceptable as :	primary over pressure protection on	
bollers, pressure vessels, pipis H Pressure retaining components	ng ang fusible pluga	•	
		oting AECB or ASME sequirements)	
SHOW MANUFACTURERS NAME	F. TRADEMARK OR LOCO AS	UT WILL APPEAR ON THE PRODUCT	
	O TORRESPONDE VALLANDA	TO THE PRODUCT	TYPE OF CONSTRUCTION
			CAST DOTHER TO DESCRIBE OTHER TO
SEE BELOW			
1			MACHINED BARSTOCK
LIST OF SUPPORTING DOCUME	NTATION AND IDENTIFICATI	ON OF THE ACTUAL ITEMS TO BE RE	ALTONIE
i			ARTENED:
Scope			
TEST REPORTS AND	DEPRESENTAT	IVE. SKETCH A I	
	1,200	ALL	
DESIGN DRAWING	<b>5</b> 5	- SAS CONTRO	13
	40	WWW.ALMACOHTMC	Lacon Control
			Destil
DECLARATION:			
1 JOHN PREDRICH	rees note 3) employed by	们ん(0分 and bein	g the person having full authority and
responsibility for the quality of the	s and product do solemnly d		
emperature rations, and identific	stion meddoos are in access	teros with the best because standard	of construction, pressure
INNINDICATION OF BLOOD INTO THE CO.	Annered by a ritheral could	Program which extends to each bla	III Whata fabrication names is used.
x in part and has been verified b	y INTERTAK	as being suitable for tha	purpose and i make this golernn
reciaration conscientiously believ	ring it to be true, and knowl!	as being suitable for the grant force and effe	oct as if made tinden cath.
Signature of Decision:	LICI		NOT PER ME
	min Beach, VI	4	
1781	7.4		S P
	NO 7218	OFF1	CIA
commissioner of Oaths			2 27
r Notery Public: (sign)		2417	
Vill	x Official seal to the right) # This space to		A AV BUV
This regi	tration must be revalidated		JUNAVIIT'
			-conputation of
CRN: 0A20418.5		\$ 20 D	Boilers and
FIDS: 614		Nunavut Pre	essure Vessels Act
		PECIO	TERES
Ninten.		3	TERED
Notes: 1. All fittings shall be registered in th	6 name of the Manufacturer.	31406 AO MIL	1. SN 1 1
<ol><li>Each category shall be supported</li></ol>	with two Statutory Declaration		
forms and one copy of supporting do 3. The decistration shall be made by	comentation, the person basino fisti authorito	Date JUNE 35	1, 2018
esponsibility for the quality of the en	d product.	Signed	2
<ol> <li>Quality control programs shall be at a maximum interval of flux (%) was</li> </ol>		1/1/4/	
it a maximum interval of five (5) year	··	Chief In	épector
			/
		Territorial Rec	istration Fee



345 Carlingview Drive Torento, Ontario M9W 6N9 Tel. 416 734 3300 Fax. 416 231.1626 Toll Free, 1.877 682.8772

www.tssa.org

June 05, 2018

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

Service Request Type: BPV-Fitting Registration

Service Request No.: 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. 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

Jacus Zoch

Email: zgacevic@tssa.org



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



	STATUTORY DECLA Registration of Fittin		:
	I, MICHAEL SIMS, MECHANICAL DESIGN ENGINEER		
	(Name and Position, e.g. President, Plant Manager, Cr	nief 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 and Pressure Vessels Regulation, comply with all of the requirements of	ne <b>Technical Standar</b> o	ds and Safety Act, Boile
	(Title of recognized North American Standard) which specifies the dimensions, materials of construction, pressure/temperature rai		ng the fittings and service;
	or are not covered by the provisions of a recognized North American standa  ProofPressure=4xMaxDesignPress as supported by the attached data whice  pressure/temperature ratings and the basis for such ratings, the marking of the	th identifies the dimension	ons, material of construction
•	I further declare that the manufacture of these fittings is controlled by a quality syster  which has been verified by the following authority, Intertek Services		ents of ISO 9001
1,18	The items covered by this declaration, for which I seek registration, are category A		type fittings. In support
101	this application, the following information and/or test data are attached as follows:		_
Ø	SCOPE, TEST REPORTS AND REPRESENTATIVE SKETCHES, & DESIGN D	RAWING	<u> </u>
6	(drawings, calculations, test reports, etc.)	<u>.</u>	
9.2	Deciared before me at Organ Decide in the STA	લદ	of Vignia
7/60	theATT day ofAD 20 1 6 .		
×	Commissioner for Oaths:		
3	Michael Leving		
×	(Printed parrie)	Michael &	1.
cope			Olano
ا ت	(Signature) # 7015528 EXP 21MM WZZ	(Signature of L	Jeciarer)
ched	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	renuerds rad Salety Authority	incosme Vessels Safety Program
attach	CSA Standard B51 and is accepted for registration in Category  CRN: OA 20918.5		TERAD
tecSee at	Registered by: ZIVKO GACEVIC  Dated: Jun. 5, 2018	CRN on OA2	04/8 <u> </u>
No tes	Dated: <u>Jun. 5, 2018</u>	Signed Las	5, 20/8
7	NOTE: This registration expires on: 344. 5, 2028	2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	nin a sina na ara na aran aran aran aran aran a

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

PV 09553 (04/17)

## **SCOPE FOR FITTINGS TYPE A - REV 1**

(Temperature Range: -40°F to 140°F)

Brass Barstock Fittings	Stainless Barstock Fittings
TEST-33  CONCOA Cross Fittings using Brass Barstock. Design Pressure: 5500 psig / Observed Burst Pressure: 26000 psi (The following parts are examples of this contruction: 8308137, 8308188, 8308884, etc.)	TEST-43  CONCOA Tee Fittings using Stainless Barstock. Design Pressure: 3000 psig / Observed Burst Pressure: 20000 psi (The following series are examples of this contraction: 8309272, etc.)
TEST-36  CONCOA Medical Tee Fittings using Brass Barstock. Design Pressure: 3000 psig / Observed Burst Pressure: 15000 psi (The following series are examples of this contruction: 8305659, etc.)	TEST-44  CONCOA Cross Fittings using Stainless Barstock. Design Pressure: 6000 psis / Observed Burst Pressure: 32000 psi (The following parts are examples of this contruction: 8308139, 8308844, etc.)
TEST-41  CONCOA Bulkhead Reducer Fittings using Brass Barstock. Design Pressure: 4500 psig / Observed Burst Pressure: 25000 psi (The following series are examples of this contruction: 8305335, etc.)	ı
TEST-42  CONCOA Tee Fittings using Brass Barstock. Design Pressure: 3000 psig / Observed Burst Pressure: 21000 psi (The following series are examples of this contruction: 8309270, 8309271, etc.)	

## THIS IS PART OF CRN 0A204/8.5

Technical Standards & Safety Authority Boilers & Pressure Vessels Safety Program

Z. G. 615/18

## **BURST TEST RESULTS SUMMARY - REV 1**

_													
Te	est No.	Test Description	Geometry Drawing	Sketch	Body	Bonnet	Seat Nozzie	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 8-16	n/a	UNS C36000 - Brass Barstock per ASTM 8-16	n/a	4500	75000	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 8-26	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 531603 - 3161 Stainless Barstock per ASTM A276	UNS S30300 - 303 Stainless Barstock per ASTM A-582	UNS S31603 - 316L Strinfess Barstock per ASTM A276	n/a	6000	32000	Inlet	5.33	-40°F to 140°F
L	10	Brass Forged Body with M70 Capsule Thread Inlet Pressure Test	2	6	UNS C37700 - Forged Brass Barstock per ASTM 8-124	п/а	UNS C36000 - Brass Barstock per ASTM 8-16	n/a	5500	76000	fplet	4.73	-40°F to 140°F
L	11	Brass Barstock Body with 45mm Zinc Dle Cast Bonnet Outlet Pressure Test	5	1	UNS C36000 - Brass Barstock per ASTM B-16	UNS Z33520 - Zinc Die Cast per AS1M 8-86	n/a	n/a	500	15000	Outlet	30	40°F to 140°F
L	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/2	500	15000	Outlet	30	-40°F to 140°F
	14	Brass Barstock Body with 65mm Zinc Dte Cast Bonnet Outlet Pressure Test	4	4	UNS C36000 - Brass Barstock per ASTM B-16	UNS 233520 - Zinc Die Cast per ASTM 8-86	n/a	n/a	250	15000	Qutlet	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 340°F
	16	Brass Barstock Body with 7-1/16 16 Brass Barstock Bonnet Outlet Pressure Test	10	7	UniS C36000 - Brass Barstock per ASTM B-16	UNS C3600D - Brass Barstock per ASTM 8-26	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 ASYM 8-15	n/a	n/a	6000	29000	Outlet	4.83	-40°F to 140°F
	19	Stainless Barstock Body with 45mm Zinc Die Cast Bonnet Out/et Pressure Test	5	10	UNS 931603 - 3160 Stainless Barstock per ASTM A276	UNS 233520 - Zinc Die Cast per ASTM B-86	n/a	n/a	500	17000	Outlet	34	-40°F to 140°F
Γ	20	Stainless Barstock Body with 45mm Brass Barstock Bonnet Outlet Pressure Test	7	12	UNS 531603 - 3161 Stainless Barstock per ASTM A276	UNS C36000 - Brass Barstock per ASTM B-16	n/a	n/a	500	18000	Ootlet	36	-40°F to 140°F
	21	Stainless Barstock Body with 45mm Stainless Barstock Bonnet Outlet Pressure Test	7	12	UNS 531603 - 316£ Stainless Barstock per ASTM A276	UNS 531603 - 3161. Stainless Barstock per ASTM A276	n/a	n/a	500	18900	Outlet	36	-40°F to 146°F
	22	Stainless Barstock Body with 65mm Zinc Die Cast Bonnet Outlet Pressure Test	4	13	UNS 531603 - 3160 Stainless Barstock per ASTM A276	UNS Z33520 - Zinc Die Cast per ASTM 8-86	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 \$31603 - 3161 Stainless Barstock per ASTM A276	UNS 531603 - 316L Stainless Barstock per ASTM A276	n/a	n/a	250	17000	Outlet	68	-40°F to 140°F
Γ	24	Stainless Barstock Body with 1-5/8 16 Stainless Barstock . Bonnet Outlet Pressure Test	8	14	UNS 931603 - 3161 Stainless Barstock per ASTM A276	UNS 531603 - 3161 Stainless Barstock per ASTM A276	n/a	n/a	6000	29000	Outlet	4.93	-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 8-124	UNS C37700 - Forged Brass Barstock per ASTM B-124	n/a	n/a	750	17000	Outlet	68	-40°F to 140°F
	27	Brass Barslock 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 9-26	n/a	n/a	3000	18000	Outlet	6	-40°F to 140°F
L	28	Brass Barstock Body with 2-16 Brass Barstock Bonnet Dome Pressure Test	9	15	UNS C36000 - Brass Barstock per ASTM 8-16	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 531603 - 3161 Stainless Barstock per ASTM A276	UNS S31603 - 316L Stainless Barstock per ASTM A276	n/a	n/a	3000	18000	Qutlet	6	-40°F to 140°F
	33	Protocol Station Cross 1/4" NPT	n/a	18	n/a	n/a	r/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	r/a	UNS \$17400 - 17-4 Stainless Steel per ASTM A-693	6000	32000	Inlet	S.33	-40°F to 140°F
-	35	Transducer	n/a	20	n/2	n/a	n/a	UNS 51,7400 - 17-4 Stainless Steel per ASTM A-693	6000	40000	Inlet	6.67	-40°F to 140°F
	36	Tee	n/a	21	n/2	n/a	r/a	UNS C36000 - Brass Barstock per ASTM 8 16	3000	15000	Inlet	5	40°F to 140°F
	37	Pneumatic Shutdown Valve	n/a	22	UNS 531603 - 316L Stainless Barstock per ASTM A776	UNS 530300 - 303 Stainless Barstock per ASTM A-582	n/ā	UNS A96061 - 6061 Aluminum per ASTM B 211	3500	21000	Inlet/Outlet	6	-40°F to 140°F
	39	Pneumatic Shutdown Valve Disphragm Valve	n/a	72	UNS \$31603 - 316t Stainless Barstock per ASTM A276	UN5 \$30300 - 303 Stainless Barstock per ASTM A 582	n/a	UNS A95061 - 6061 Aluminum per ASTM 8 231	125	900	Prieum atic Input	7.2	-40°F to 140°F
	40	Diaphragm Valve	n/a n/a	23	UNS C36000 Brass Barstock per ASTM B-16 UNS C36000 Brass Barstock per ASTM B-16	UNS C35000 - Brass Barstock per ASTM B-16 UNS C35000 - Brass Barstock per ASTM B-26	n/a	n/a	3500	21000	Injet/Outlet	6	-40°F to 140°F
	43	Bulkhead Reducer	n/a	25	n/a	n/a	n/a n/a	n/a UNS C36000 - Brass Barstock per ASTM B-16	3500	23000	Inlet/Outlet	6.57	-40°F to 140°F -40°F to 140°F
	42	Tec	n/a	26	n/a	n/a	r/a	UNS C36000 - Brass Barstock per ASTM 8-16	4500 3000	25000 21000	Inlet/Outlet	5,56	40°F to 140°F
	43	Tee	n/a	27	n/a	n/a	r/a	UNS 531603 316L Stainless Barstock per ASTM A276	3000	20000	Inlet/Outlet	6.67	-40'f to 140'F
-	- 44	Orotocal Station Conce 1/4" NIDT	- /-			<del></del>	· · · · · · · · · · · · · · · · · · ·		3454	1 10000		0.07	

THIS IS PART OF GRN 0A 204/8.5

Technical Standards & Safety Authority Boilers & Pressure Vessels Safety Program

7- 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

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. 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

NEW	BRUNSWICK
241 1244	No CT

NOVA SCOTIA YUKON

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

MANUFACTURERS NAME: CONTROLS CORPORATI		
	ON OF HMERICH	
PLANT LOCATIONS (SAME)	VIRGINIA BEACH,	VA .23454 USA
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© Pipe fizings, including couplings, tess, gibours, Ye, piuce, unions, pine	Cape, or reducers	
B Flanges: all flanges C Valvas: all line valvas		PROOF TEST
D Expension joints, flexible connections, and home connections as successful.	,	= 4 x Max Design
E Suriners, filters, separations, and sinem imps .P Measuring devices, including pressure gauges, level gauges, sight gis		
		PRESSURE
G Certified capacity-rated pressure relief devices acceptable as primary bollers, pressure vessels, piping and fusible page	·	
H Pressure retaining components that do not fall into one of the above of	ntegories	
N Nuclear-components: Class 1 🗆 Class 2 🖸 Class 3 🗇, (Meeting AE SHOW MANUFACTURERS NAME, TRADESSARK, OR LOGO AS IT WIL	CB OF ASME requirements)	
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DAC BCCOM		
		MACHINED BARSTOCK
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DESIGN DRAWINGS	GAB CONTROL	
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PPOLADÁTION.		
DECLARATION:    JOHL FRIEDRICHS (see now a) employed by Civil reasonability for the rurality of the and product do extensive declarations.	Co A and hele	the second house A #
temograture retings, and identification markings are in econstance to	il. Into Cimonische, megenele:	of construction, pressure
MAININGAYIN CI MINO MANCE IL INCURAÇÃO DY A CIGNITY CARRAL PRAIA	âm which extends to each hier	f where following a second to the con-
or in part and has been verified by / / L. T.C. K. declaration conscientiously believing it to be true, and knowing that	as baint simbria for that	Summers and I make as a
	IT IS OF RICE SOLID FORCE STATE GUA	as a made distant card
Signature of Declarer:		
Declared before me at Marin Beach, VA	USETHIS	S P 3 C S S S S S S S S S S S S S S S S S S
This day of _here AD AD AD	OFFIC	
Commissioner of Oaths		A STATE OF THE STA
or Notary Public (sign)	TH W/2/4/4 2 2 2 2	
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This registration must be revalidated after to	on (10) years from the date of t	oceptance.
CRN: 0A20418.5	,	
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	THE STREET AND	RNVIRONMENT
	COMMUNITED PARTY OF	P 507 J 1 475 th of January
Notes:  3. All different that the resistance in the name of the Manufacturer.	COMMUNITIES, LAND &	
All fittings shall be registered in the name of the Manufacturer,     Each category shall be supported with two Statutory Declaration	SIPOSAO MED	. 59
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.	SIPOSAO MED	. 59
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 sutherity and responsibility for the quality of the end product.	SIPOSAO MED	. 59
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.	DATE: June 03	.59 20/8 Hishe
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 sutherity and responsibility for the quality of the end product.	DATE: June 03	. 59 20/8 H Cobe CES SECTION

NEW BRUNSWICK NUNAVUT NOVA SCOTIA YUKON PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

MANUFACTO ECER VALLE	
MANUFACTURERS NAME CONTROLS CORPORATION MANUFACTURERS ADDRESS: 1501 HARPERS ROAD	ON OF AMERICA
PLANT LOCATIONS: (SAME)	VIRGINIA BEACH, VA 23454 USA
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE O	NE SATESON AND V
Pipe fittings, including couplings, tree, elbows, Ys, pluge, unions, pipe	core or makingare
i in Limber: en deutos	PROOF TEST
C Valves: 48 fine valves  D Expension joints, flexible connections, and hose assemblies: all types	•
E Strainers, filters, separators, and steem trans.	
.F Measuring devices, including pressure gauges, level gauges, sight glas pressure transmitters	rressure
O Certified capacity-raind pressure railef devices acceptable as primary of boilers, pressure vassets, piping and fusible plage	ever pressure protection on
H Pressure retaining components that do not fall into one of the above car	1egories
N Nuclear-components: Class 1 □ Class 2 □ Class 3 □, (Meeting AE	CB or ASME requirements)
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGID AS IT WILL	LAPPEAR ON THE PRODUCT 1772 DECOMMANDERON
Ama	PORCED M WELDED C WROUGHT C CAST C OTHER M DESCRISE OTHER M
SEE BELOW	waveled dings
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LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF	HE ACTUAL ITEMS TO BE REGISTERED:
SCOPE	
TEST REPORTS AND REPRESENTATIVE	SKETCH A DE A TOUR
DESIGN DRAWINGS	- Electrical and the second se
43	
DECLARATION:  JOHN FRIEDRICHS (Manuar) employed by Clinical	
election in a release to the current of the conduction of the colors of the colors of the colors of the current	that the information contained in this form is a
IN NY TANDRICK I GRAGOSTIC RESIDENCIAL EN ENVIOL DE GRACO DE SERVICION ES EVIDAN	H 108 5170602V578 508181318 57 55551-1-1-1
emperature reunge, and nontundation manungs are in accordance w naturacture of these fittings is regulated by a Quality Control Progress	MR TRA DATAIN CATRAC CIONIDADE LA
reclaration conscientiously balloving it to be true, and knowing that it	t is of the same force and effect as if made traden outs.
Signature of Declarer:	
Declared before me at Within Beach, VA	USETHIS SPA
This 4724 day of freil AD 2018	OFFICIAL
commissioner of Oaths	
r Notery Public: (eign)	Salla Franco &
(Affix Official seal to the right) #70/37	
I TABLED BOT TOPOLIS	
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This registration must be revalidated efter to CRN: OA20418.5	- 440) sames from the date of
This registration must be revalidated efter to	n (10) years from the date of acceptance.  PRESSURE PRESS
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This registration must be revalidated effer to CRN: 0A20418.5  FIDE: 614  Notes:	Date Tiane 33/18  C.R.N. OA 30418.58
This registration must be revalidated effer to CRN: 0A20418, 5  FIDE: 614  Notes:  1. All fittings shall be registered in the name of the Manufacturer.  2. Each category shall be supported with two Statutory Declaration	Date Time 22/18  C.R.N. OA 20418.58  Day described
This registration must be revalidated effer to CRN: 0A20418.5  FIDS: 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.	Date June 32/18  C.R.N. OA 20418.58  Day. as described  Signed June Persy
This registration must be revalidated effer to CRN: OA20418.5  FIDS: 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.	Date June 33/18  C.R.N. OA 30418.58  Dwg. as described  Signed June Perry  1 of 1
This registration must be revalidated effer to CRN: OA20418.5  FIDS: 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	Date June 33/18  C.R.N. OA 30418.58  Dwg. as described  Signed June Perry  1 of 1
This registration must be revalidated effer to CRN: OA20418.5  FIDS: 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.	Date June 32/18  C.R.N. OA 20418. 58  Day. as described  Signed June Persy

## UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS NEW BRUNSWICK **NOVA SCOTIA** PRINCE EDWARD ISLAND **NEWFOUNDLAND AND LABRADOR** NUNAVUT YUKON NORTHWEST TERRITORIES MANUFACTURERS NAME: CONTROLS CORPORATION OF AMERICA MANUFACTURERS ADDRESS: 1501 HARPERS ROAD . VIRGINIA BEACH. V₽ 23454 USA PLANT LOCATIONS: (SAME) CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY TITLE OF THE STANDARD OF CONSTRUCTION Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers PROOF TEST B Flanges: all flanges C Valves: all line valves D Expension joints, flexible connections, and hose assemblies: all types = 4 x Max Design E Strainers, filters, separators, and steam traps .F. Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or PRESSURE pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on bollers, 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) SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT TYPE OF CONSTRUCTION FORGED EL WELDED D WROUGHT D CAST DOTHER DESCRIBE OTHER: SEE BELOW MACHINED BARSTOCK LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: SCOPE TEST REPORTS AND REPRESENTATIVE SKETCH DESIGN DRAWINGS DECLARATION: FRIEDRICHS \_(see note 3) employed by <u>Cいん CO A</u> 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 INTERTER as being suitable for that purpose and i mekaribje solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made to Signature of Declarer: Declared before me at USETHIS SP OFFICI Commissioner of Oaths or Notary Public: (sign) (Affix Official seal to the right) #70/3728 tX/3/MAY 2022 This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of CRN: 0A20418.5 DEPT OF PUBLIC SAFETY **BOILER & PRESSURE VESSEL ACT** REGISTRATION ONLY CRN **EXAMINER** or

FID#: 614 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 decisration 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. CHE - RIVLER INSPECTOR

DATE П BLRs **PVs** I FITTINGS COMPONENTS

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	FIGH FOR THE REGISTRATI PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LASRADOR
MANUFACTURERE NAME	Carparia	20 1 -5 0	
MANUFACTURERS ADDR	ESS: 1501 HAPPER	PORATION OF AMERICA S ROAD, VIRGINIA BEACH	+
PLANT LOCATIONS: (5	AME)	S KOND, VIK GINIH DEACH	1, VA -23454 USA
		D. CIRCLE ONE CATEGORY ONLY	THE OF THE BYANGARD OF CONSTRUCTO
© Pipe fittings, including col B Firinges: all fienges C Valves: all line valves	uplings, toes, elbows, Ys, plug	ss, unions, pipe caps, or reducers	PLOOF TEST
D Expension joints, flexible	connections, and hose essent	blies: all types	= 4 x Max Desig
E Strainers, filters, separato .F Massuring devices, includ	ira, and steem traps ling pressure gauges, level ga	unna, alohi citassas, levels, er	
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DODOTO, DYWSBLEE VEGSOES.	Signo and fusible okus		
H Pressure retaining compo	nents that do not fall into one	of the above categories  1. (Meeting AECB or ASME requirements)	
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ny knowledge represents the emperature retings, and iden enufacture of these fittings	e product for which registra ntification markings are in is regulated by a Quality C	by (100 (a) and be maly declare that the information contains ation to sought. The dimensions, material accordance with the herein named stand control Program which extends to each pass befor suitable for its	or in this form is true and to the best of its of construction, pressure ards, i further declare that the land where fabrication occurs in whole
eclaration conscientiously b	elieving it to be true and i	as being suitable for it mowing that it is of the same force and e	fiect as if made under cath
ignature of Declarer:	- President		AL NOVEMBER 1
eclared before me at nisday of	Litinia Beach		
ommissioner of Oaths Notary Public: (sign)	2		An INITIAL SECTION AND ADDRESS OF THE PARTY
	(Affix Official seal to the sight	1 47018728 EXISIMAY 202	2 CAN DING THE
	This a	pace for Regulatory Authority use	THE PROPERTY OF THE PARTY OF TH
This	registration must be revail	dated after ten (10) years from the date of	of acceptance.
RN: 0A20418.5	······	Newfoundland	j

Service NL Registered 0A20418 · 50 Date 26 JUNE 2018

Engineering and Inspection Services
Registered by Hocal

UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND

THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS

FIDW: 614

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 medimum interval of five (5) years.

NEW BRUNSWICK JUNAVUT	NOVA SCOTIA YUKON	PRINCE EDV	VARD ISLAND T TERRITORIES	ATION OF FITTING NEWFOUNDLA	ND AND LABRADOR
MANUFACTURERS NAME:	CONTROLS CO	RPORATION	OF AMERI	CA	
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D Expension joints, flexible of Strainers, filters, separator	s, and steem trace	•		= 4	x Max Desi
F Measuring devices, includis pressure transmitters		•		PR	ESSURE
<ul> <li>Certified capacity-rated pre boilers, pressure vessels, j</li> <li>Pressure retaining compon</li> </ul>	oloing and fusible plugs	•	•		
l Nuclear components: Clas	s 1 🗆 Class 2 🗀 Class 3 (	3. (Meeting AECS or A	ASME requirements	)	
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				MACHINED	BARSTOCK
IN CERUPPORT NO DOC	MENTATION AND IDENT	FICATION OF THE AC	TUAL ITEMS (O.	E BUARLES	page (
Scope			شر		
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			•		DECREASE OF THE PERSONS
CLARATION:					
DOHLD FRICDRID  consibility for the quality of knowledge represents the persture ratings, and identifications of these fittings is a part and has been verified aration conscientiously be	f the end product do sole product for which registr tification markings are in	mnly deciare that the ation is sought. The accordance with the	dimensions, mat herein named st	enais of construction, pandards. I further decis	se and to the best or pressure are that the

temperature ratings, and identification markings	to solemnly declare that the information contained i registration is sought. The dimensions, materials of are in accordance with the herein named standard	of construction, pressure
declaration conscientiously believing it to be true	Ex. ss being suitable for that pand knowing that it is of the same force and effect	purpose and I make this sciemn
Signature of Deciarer:	<u></u>	
Deciared before me at Lituria Be	ach, VA USETHIS S	PART
This 4Th day of April A	D 2018 OFFIC	
Commissioner of Oaths or Notary Public: (sign)		S O MIN O
(Affix Official seal to t	the right) #7015728 tX/31MAY 2622	TO THE PURPLE OF
	This space for Regulatory Authority use	ninimi.

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 paydray methods of few (6) pages.

at a maximum interval of five (5) years.

, 6/26/2018

NEW BRUNSWICK NUNAVUT	NOVÁ SCOTIA YUKON	PRINCE EDWARD NORTHWEST TE	ISLAND	NEWFOLINDLAND	
MANUFACTURERS NAME:	CONTROLS CORP	-20	ANTOLO		
MAAGE CONTINUES INTO THE	150 HARDERC	ROAD, VIRGI	MIA BEACH	1/0 0211 5	
PLANT LOCATIONS: (SA	me)	COLID) YINGI	IN DEACH	VH 23452	usa
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	connections, and hose assemblics s, and absem traps ng prodesse gauges, level gauges		07		Max Design Ssure
G Certified capacity-rated pre- boliers, pressure vessels, s	saure rollef devices ecceptable a piping and fusible plugs ents that do not fall into one of th		e protection on	, , , , ,	ZURE
N Nuclear components: Class	4 1 Cinas 2 Cinas 3 Ci, (A	o above calegories Leoling AECD or ACME	E manimumanta\		
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				MACHINED B	ARSTOCK.
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DESIGN DRAWII	NGS		and continue		
				A.C.	
DECLARATION:	Д(	A			
responsibility for the quality of	the end product do solemnly	declare that the time	mation contained	g the person having In this form is true :	full euthority and
temperature rations, and Irland	Effection markings are in some	na evugni. The oma	oneione, majeriale	or construction, pre-	58U/9
as in part and has been as all-	A POST OF THE PROPERTY COME	oi Liodiski Milici Bi	gauge to eacu bigg	K Where fabrication :	
declaration conscientiously be	Moving it to be true and know	ing that it is of the a	ng suiteble for that ame force and effe	Purpose and I make	dhie solemn
1	100			11 O 12 E	
Signature of Declarer:	stinia Beach V	<del>7/-</del>		3 2 5 5 9	
This 478t day of Ar	and AD 2018		SETHIS	3 P. 3.70	
Commissioner of Oaths	KO		OFFIC	1.5	
or Notary Public (sign)				<i>25</i> % e	NO S
	Affix Official seal to the right) #	7015728 EX	31MAY 2022		Fle all his
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1	egistration must be revalidate	d after ten (10) yean	a from the date of	200	
CRN: 0A20418.5	_				16300
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forms and one copy of supporting	documentation.	1	VESS	AND PRESSUREL ACT.	FE
<ol> <li>The declaration shall be made responsibility for the quality of the</li> </ol>	end product.	y and	C.R.N. 087	2418.51	
4. Quality control programs shall ( at a maximum interval of five (5) y	be resubmitted for validation	1	SIGNED		7
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To:ACI Central ;8678730117

.mon3; 8f:f2;8f-f2-80

2111 212 216	O I DOLL DECEMBRICA	COMM FUR THE REUDIKATIO	N OF FITTING DESIGNS
NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME: C	ONTROLS CORPOR	PATION OF AMERICA	
MANUFACTURERS ADDRESS	1501 HARDERS O	OAD, VIRGINIA BEACH	VA 234 CU USA
PLANT LOCATIONS: LSAN	F)	VALD, VIK GININ BEACH	VA 23454 USA
		RGLE ONE CATEGORY ONLY	To a second seco
Pipe fittings, including coupling			TITLE OF THE STANDARD OF CONSTRUCTION
B Flanges: sit flanges C Valves: all line valves	ge, weet moveme, re, pluge, plat	ure, pipe cept, or reducers	PROOF TEST
D Expansion joints, flexible core	ections, and hose assemblies:	all hous	= 11 . 11 6.
E Strainers, filters, separators, a	nd athern frame	• •	= 4 x Max Design
.F Measuring devices, including pressure transmitters	ressure gauges, level gauges, s	sight glasses, levels, or	PRESSURE
G Certified capacity-rated pressu	re relief devices ecceptable as :	primary over pressure protection on	
bollers, pressure vessels, pipis H Pressure retaining components	ng ang fusible pluga	•	
		oting AECB or ASME sequirements)	
SHOW MANUFACTURERS NAME	TRADEMARK OR LOCO AS	UT WILL APPEAR ON THE PRODUCT	
	O TORRESPONDE VALLANDA	TO THE PRODUCT	TYPE OF CONSTRUCTION
			CAST DOTHER TO DESCRIBE OTHER TO
SEE BELOW			
1			MACHINED BARSTOCK
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i			ARTENED:
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DECLARATION:			
1 JOHN PREDRICH	rees note 3) employed by	们ん(0分 and bein	g the person having full authority and
responsibility for the quality of the	s and product do solemnly d		
emperature rations, and identific	stion meddings are in access	teros with the best because standard	of construction, pressure
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x in part and has been verified b	y INTERTAK	as being suitable for tha	purpose and i make this golernn
reciaration conscientiously believ	ring it to be true, and knowl!	as being suitable for the grant force and effe	oct as if made tinden cath.
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r Notery Public: (sign)		2417	
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This regi	tration must be revalidated		JUNAVIIT'
			-conputation of
CRN: 0A20418.5		\$ 20 D	Boilers and
FIDS: 614		Nunavut Pre	essure Vessels Act
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Ninten.		3	TERED
Notes: 1. All fittings shall be registered in th	6 name of the Manufacturer.	31406 AO MIL	1. SN 1 1
<ol><li>Each category shall be supported</li></ol>	with two Statutory Declaration		
forms and one copy of supporting do 3. The decistration shall be made by	comentation, the person basino fisti authorito	Date JUNE 35	1, 2018
esponsibility for the quality of the en	d product.	Signed	2
<ol> <li>Quality control programs shall be at a maximum interval of flux (%) was</li> </ol>		1/1/4/	
it a maximum interval of five (5) year	··	Chief In	épector
			/
		Territorial Rec	istration Fee



345 Carlingview Drive Toronto, Ontario CANADA M9W 6N9 Tel.: 416.734.3300

Fax.: 416.231.1626 Toll Free: 1.877.682.8772

www.tssa.org

August 13, 2018

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

Service Request Type.: BPV-National ACI Central

Service Request No.: 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. 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

NEW	BRUNSWICK
241 1244	No CT

NOVA SCOTIA YUKON

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

MANUFACTURERS NAME: CONTROLS CORPORATI		
	ON OF HMERICH	
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B Flanges: all flanges C Valvas: all line valvas		PROOF TEST
D Expension joints, flexible connections, and home connections as successful.	,	= 4 x Max Design
E Suriners, filters, separations, and sinem imps .P Measuring devices, including pressure gauges, level gauges, sight gis		
		PRESSURE
G Certified capacity-rated pressure relief devices acceptable as primary bollers, pressure vessels, piping and fusible page	·	
H Pressure retaining components that do not fall into one of the above of	ntegories	
N Nuclear-components: Class 1 🗆 Class 2 🖸 Class 3 🗇, (Meeting AE SHOW MANUFACTURERS NAME, TRADESSARK, OR LOGO AS IT WIL	CB OF ASME requirements)	
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		MACHINED BARSTOCK
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or in part and has been verified by / / L. T.C. K. declaration conscientiously believing it to be true, and knowing that	as baint simbria for that	Summers and I make as a
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or Notary Public (sign)	TH W/2/4/4 2 2 2 2	
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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.	SIPOSAO MED	. 59
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 sutherity and responsibility for the quality of the end product.	SIPOSAO MED	. 59
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.	DATE: June 03	.59 20/8 Hishe
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NEW BRUNSWICK NUNAVUT NOVA SCOTIA YUKON PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

MANUFACTURERS NAME: Control	
MANUFACTURERS NAME: CONTROLS CORPORATION MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VII	OF HMERICH
PLANT LOCATIONS: (SAME)	RGINIA BEACH, VA 23454 USA
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O Certified capacity-rated pressure ratef devices ecceptable as primary over priority pressure vacacis, piping and fusible page	ressure protection on
H Pressure retaining components that do not fall into one of the above extegoric	_
N Nuclear-components: Class 1 [] Class 2 [] Class 3 [], (Meeting AECB or	ASME requirements)
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esponsibility for the quality of the end product do sciemnly decisive that the ny knowledge represents the product for which registration is sought. The emperature strings, and identification markings are in accordance with the nanufacture of these fittings is regulated by a Quality Control Program with or in part and has been verified by	ne information contained in this form is true and to the best of e dimensions, materials of construction, pressure to herein named standards. I further declare that the sich extends to each plant where tabrication occurs in whole
eclaration conscientiously balleving it to be true, and knowing that it is of	the same force and effect as if made tridlen certs
Ignature of Declarer:	3/09-F
lectored before me at Witinia Beach, VA	USETHIS SPA
his 47th day of April AD 2018	
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commissioner of Oaths r Notary Public (eign)	<b>"是是我们们的一个人</b>
(Affix Official seal to the right) #70/3728	PK 31MM 7622
This space for Regulatory	77.1
This registration must be revalidated efter ten (10	) years from the date of acceptance.
CRN: 0A20418.5	OLER & PRESSURE VER
	NOWA SCOTTA
FIDE: 614	
	CRN CARAGE
Notes:	C.R.N. OA 20418.58
i. All fittings shall be registered in the name of the Manufacturer. L. Each category shall be supported with two Statutory Declaration	Dwg. as described
ome and one copy of supporting documentation	Signed Ferry
The declaration shall be made by the person having full authority and exponsibility for the quality of the end product.	1 0 1
. Quality control programs shall be resubmitted for validation	Part Part REGULATIONS
it a maximum interval of five (5) years.	& REGULATION

## UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS NEW BRUNSWICK **NOVA SCOTIA** PRINCE EDWARD ISLAND **NEWFOUNDLAND AND LABRADOR** NUNAVUT YUKON NORTHWEST TERRITORIES MANUFACTURERS NAME: CONTROLS CORPORATION OF AMERICA MANUFACTURERS ADDRESS: 1501 HARPERS ROAD . VIRGINIA BEACH. Va 23454 USA PLANT LOCATIONS: (SAME) CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY TITLE OF THE STANDARD OF CONSTRUCTION Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers PROOF TEST B Flanges: all flanges C Valves: all line valves D Expension joints, flexible connections, and hose assemblies: all types = 4 x Max Design E Strainers, filters, separators, and steam traps .F. Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or PRESSURE 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) SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT TYPE OF CONSTRUCTION FORGED EL WELDED D WROUGHT D CAST DOTHER DESCRIBE OTHER: SEE BELOW MACHINED BARSTOCK LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: SCOPE TEST REPORTS AND REPRESENTATIVE SKETCH DESIGN DRAWINGS DECLARATION: 1 JOHO FRIEDRICHS (see note 3) employed by CON 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 and being the person having full authority and 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 INTERTER 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 to Signature of Declarer: Declared before me at USETHIS SP. OFFICI Commissioner of Oaths or Notary Public: (sign) (Affix Official seal to the right) #70/3728 tX/3/MAY 2022 This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of CRN: 0A20418.5 DEPT OF PUBLIC SAFETY FID#: 614 **BOILER & PRESSURE VESSEL ACT** REGISTRATION ONLY CRN EXAMINER

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.

or **'NSPECTOR** で対任 DATE

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ıη	FITTINGS	□ cc	MPONENTS

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	FIGH FOR THE REGISTRATI PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LASRADOR
MANUFACTURERE NAME	Carparia	20 1 -5 0	
MANUFACTURERS ADDR	ESS: 1501 HAPPER	PORATION OF AMERICA S ROAD, VIRGINIA BEACH	+
PLANT LOCATIONS: (5	AME)	S KOND, VIK GINIH DEACH	1, VA -23454 USA
		D. CIRCLE ONE CATEGORY ONLY	THE OF THE BYANGARD OF CONSTRUCTO
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ny knowledge represents the emperature retings, and iden enufacture of these fittings	e product for which registra ntification markings are in is regulated by a Quality C	by (100 (a) and be maly declare that the information contains ation to sought. The dimensions, material accordance with the herein named stand control Program which extends to each pass befor suitable for its	or in this form is true and to the best of its of construction, pressure ards, i further declare that the land where fabrication occurs in whole
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ignature of Declarer:	- President		AL NOVEMBER 1
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ommissioner of Oaths Notary Public: (sign)	2		An INITIAL SECTION AND ADDRESS OF THE PARTY
	(Affix Official seal to the sight	1 47018728 EXISIMAY 202	2 CAN DING THE
	This a	pace for Regulatory Authority use	THE PROPERTY OF THE PARTY OF TH
This	registration must be revail	dated after ten (10) years from the date of	of acceptance.
RN: 0A20418.5	······	Newfoundland	j

Service NL Registered 0A20418 · 50 Date 26 JUNE 2018

Engineering and Inspection Services
Registered by Hocal

UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND

THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS

FIDW: 614

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 medimum interval of five (5) years.

NEW BRUNSWICK JUNAVUT	NOVA SCOTIA YUKON	PRINCE EDV	VARD ISLAND T TERRITORIES	ATION OF FITTING NEWFOUNDLA	ND AND LABRADOR
MANUFACTURERS NAME:	CONTROLS CO	RPORATION	OF AMERI	CA	
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DOHLD FRICDRID  consibility for the quality of knowledge represents the persture ratings, and identifications of these fittings is a part and has been verified aration conscientiously be	f the end product do sole product for which registr tification markings are in	mnly deciare that the ation is sought. The accordance with the	dimensions, mat herein named st	enais of construction, pandards. I further decis	se and to the best or pressure are that the

temperature ratings, and identification markings	to solemnly deciare that the information contained i registration is sought. The dimensions, materials of are in accordance with the herein named standard	of construction, pressure
declaration conscientiously believing it to be true	Ex. ss being suitable for that pand knowing that it is of the same force and effect	purpose and I make this sciemn
Signature of Deciarer:	<u></u>	
Deciared before me at Lituria Be	ach, VA USETHIS S	PART
This 4Th day of April A	D 2018 OFFIC	
Commissioner of Oaths or Notary Public: (sign)		S O MIN O
(Affix Official seal to t	the right) #7015728 tX/31MAY 2622	TO THE PURPLE OF
	This space for Regulatory Authority use	ninimi.

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 paydray methods of few (6) pages.

at a maximum interval of five (5) years.

, 6/26/2018

NEW BRUNSWICK NUNAVUT	NOVÁ SCOTIA YUKON	PRINCE EDWARD NORTHWEST TE	ISLAND	NEWFOLINDLAND	
MANUFACTURERS NAME:	CONTROLS CORP	-20	ANTOLO		
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	connections, and hose assemblics s, and absem traps ng prodesse gauges, level gauges		07		Max Design Ssure
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N Nuclear components: Class	4 1 Cinas 2 Cinas 3 Ci, (A	o above calegories Leoling AECD or ACME	E manimumanta\		
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				MACHINED B	ARSTOCK.
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				A.C.	
DECLARATION:	Д(	A			
responsibility for the quality of	the end product do solemnly	declare that the time	mation contained	g the person having In this form is true :	full euthority and
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or Notary Public (sign)				<i>25</i> % e	NO S
	Affix Official seal to the right) #	7015728 EX	31MAY 2022		Fle all his
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forms and one copy of supporting	documentation.	1	VESS	AND PRESSUREL ACT.	FE
<ol> <li>The declaration shall be made responsibility for the quality of the</li> </ol>	end product.	y and	C.R.N. 087	2418.51	
4. Quality control programs shall ( at a maximum interval of five (5) y	be resubmitted for validation	1	SIGNED		7
m - mercanson senites or tito (0) &	van s,	1	45	1 - 1 - 0/1	<i>'</i>

77 /8 #

To:ACI Central ;8678730117

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2111 212 216	O I DOLL DECEMBRICA	COMM FUR THE REUDIKATIO	N OF FITTING DESIGNS
NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME: C	ONTROLS CORPOR	PATION OF AMERICA	
MANUFACTURERS ADDRESS	1501 HARDERS O	OAD, VIRGINIA BEACH	VA 234 CU USA
PLANT LOCATIONS: LSAN	F)	VALD, VIK GININ BEACH	VA 23454 USA
		RGLE ONE CATEGORY ONLY	To a second seco
Pipe fittings, including coupling			TITLE OF THE STANDARD OF CONSTRUCTION
B Flanges: sit flanges C Valves: all line valves	ge, weet moveme, re, pluge, plat	ure, pipe cept, or reducers	PROOF TEST
D Expansion joints, flexible core	ections, and hose assemblies:	all hous	= 11 . 11 6.
E Strainers, filters, separators, a	nd athern frame	• •	= 4 x Max Design
.F Measuring devices, including pressure transmitters	ressure gauges, level gauges, s	sight glasses, levels, or	PRESSURE
G Certified capacity-rated pressu	re relief devices ecceptable as :	primary over pressure protection on	
bollers, pressure vessels, pipis H Pressure retaining components	ng ang fusible pluga	•	
		oting AECB or ASME sequirements)	
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	O TOPOCHETOL VALLANDA	TO THE PRODUCT	TYPE OF CONSTRUCTION
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SEE BELOW			
1			MACHINED BARSTOCK
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1 JOHN PREDRICH	rees note 3) employed by	们ん(0分 and bein	g the person having full authority and
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x in part and has been verified b	y INTERTAK	as being suitable for tha	purpose and i make this golernn
reciaration conscientiously believ	ring it to be true, and knowl!	as being suitable for the grant force and effe	oct as if made tinden cath.
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<ol><li>Each category shall be supported</li></ol>	with two Statutory Declaration		
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esponsibility for the quality of the en	d product.	Signed	2
<ol> <li>Quality control programs shall be at a maximum interval of flux (%) was</li> </ol>		1/1/4/	
it a maximum interval of five (5) year	··	Chief In	épector
			/
		Territorial Rec	istration Fee



345 Carlingview Drive Toronto, Ontario CANADA M9W 6N9 Tel.: 416.734.3300

Fax.: 416.231.1626 Toll Free: 1.877.682.8772

www.tssa.org

August 13, 2018

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

Service Request Type.: BPV-National ACI Central

Service Request No.: 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. 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

NEW	BRUNSWICK
241 1244	No CT

NOVA SCOTIA YUKON

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

MANUFACTURERS NAME: CONTROLS CORPORATI		
	ON OF HMERICH	
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B Flanges: all flanges C Valvas: all line valvas		PROOF TEST
D Expension joints, flexible connections, and home connections as successful.	,	= 4 x Max Design
E Suriners, filters, separations, and sinem imps .P Measuring devices, including pressure gauges, level gauges, sight gis		
		PRESSURE
G Certified capacity-rated pressure relief devices acceptable as primary bollers, pressure vessels, piping and fusible page	·	
H Pressure retaining components that do not fall into one of the above of	ntegories	
N Nuclear-components: Class 1 🗆 Class 2 🖸 Class 3 🗇, (Meeting AE SHOW MANUFACTURERS NAME, TRADESSARK, OR LOGO AS IT WIL	CB OF ASME requirements)	
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		MACHINED BARSTOCK
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or in part and has been verified by / / L. T.C. K. declaration conscientiously believing it to be true, and knowing that	as baint simbria for that	Summers and I make as a
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Signature of Declarer:		
Declared before me at Marin Beach, VA	USETHIS	S P 3 C S S S S S S S S S S S S S S S S S S
This day of _here AD AD AD	OFFIC	
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or Notary Public (sign)	TH W/2/4/4 2 2 2 2	
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All fittings shall be registered in the name of the Manufacturer,     Each category shall be supported with two Statutory Declaration	SIPOSAO MED	. 59
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.	SIPOSAO MED	. 59
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 sutherity and responsibility for the quality of the end product.	SIPOSAO MED	. 59
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.	DATE: June 03	.59 20/8 Hishe
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 sutherity and responsibility for the quality of the end product.	DATE: June 03	. 59 20/8 H Cobe CES SECTION

NEW BRUNSWICK NUNAVUT NOVA SCOTIA YUKON PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

MANUFACTURERS NAME: Control	
MANUFACTURERS NAME: CONTROLS CORPORATION MANUFACTURERS ADDRESS: 1501 HARPERS ROAD, VII	OF HMERICH
PLANT LOCATIONS: (SAME)	RGINIA BEACH, VA 23454 USA
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CA	TEGORY ON V
OPipe fittings, including couplings, tees, allows, Ye, pluge, unions, pipe cape,	ar rachinara
D Flanges: eli flanges C Valves: ali fine valves	PROOF TEST
D Expension joints, flexible connections, and hose assemblies: all types	= 4 x Max Desig
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.F Measuring devices, including pressure gauges, level gauges, sight glasses, is pressure asnernitiers	recasure
O Certified capacity-rated pressure ratef devices ecceptable as primary over priority pressure vacacis, piping and fusible page	ressure protection on
H Pressure retaining components that do not fall into one of the above extegoric	
N Nuclear-components: Class 1 [] Class 2 [] Class 3 [], (Meeting AECB or	ASME requirements)
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	PORGED M. WELDED C. WROUGHT C. CAST C. CTHUR. P. DESCREE CHIEF.
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esponsibility for the quality of the end product do sciemnly decisive that the ny knowledge represents the product for which registration is sought. The emperature strings, and identification markings are in accordance with the nanufacture of these fittings is regulated by a Quality Control Program with or in part and has been verified by	ne information contained in this form is true and to the best of e dimensions, materials of construction, pressure e herein named standards. I further declare that the sich extends to each plant where tabrication occurs in whole
eclaration conscientiously balleving it to be true, and knowing that it is of	the same force and effect as if made widen geth
Ignature of Declarer:	\$ (0) First 18 (1)
lectored before me at Witinia Beach, VA	USETHIS SPA
his 47th day of April AD 2018	
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commissioner of Oaths r Notary Public (eign)	"是是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一
(Affix Official seal to the right) #70/3728	PX/3/MAY 2022
This space for Regulatory	
This registration must be revalidated efter ten (10	) years from the date of acceptance.
CRN: 0A20418.5	COLER & PRESSURE VER
	NOWA SCOTTA
FIDS: 614	
	CRN CARAGE
Notes:	C.R.N. OA 20418. 58
i. All fittings shall be registered in the name of the Manufacturer. L. Each category shall be supported with two Statutory Declaration	Dwg. as described
ome and one copy of supporting documentation	Signed Ferry
The declaration shall be made by the person having full authority and exponsibility for the quality of the end product.	1 0 1
L. Quality control programs shall be resubmitted for validation	Part Part REGULATIONS
it a maximum interval of five (5) years.	& REGULATION

## UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS NEW BRUNSWICK **NOVA SCOTIA** PRINCE EDWARD ISLAND **NEWFOUNDLAND AND LABRADOR** NUNAVUT YUKON **NORTHWEST TERRITORIES** MANUFACTURERS NAME: CONTROLS CORPORATION OF AMERICA MANUFACTURERS ADDRESS: 1501 HARPERS ROAD . VIRGINIA BEACH. V₽ 23454 USA PLANT LOCATIONS: (SAME) CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY TITLE OF THE STANDARD OF CONSTRUCTION Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers PROOF TEST B Flanges: all flanges C Valves: all line valves D Expension joints, flexible connections, and hose assemblies: all types = 4 x Max Design E Strainers, filters, separators, and steam traps .F. Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or PRESSURE pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on bollers, 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) SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT TYPE OF CONSTRUCTION FORGED EL WELDED D WROUGHT D CAST DOTHER DESCRIBE OTHER: SEE BELOW MACHINED BARSTOCK LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: SCOPE TEST REPORTS AND REPRESENTATIVE SKETCH DESIGN DRAWINGS DECLARATION: FRIEDRICHS \_(see note 3) employed by <u>Cいん CO A</u> 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 INTERTER as being suitable for that purpose and i mekarible solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made to Signature of Declarer: Declared before me at USETHIS SP OFFICI Commissioner of Oaths or Notary Public: (sign) (Affix Official seal to the right) #70/3728 tX/3/MAY 2022 This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of CRN: 0A20418.5 DEPT OF PUBLIC SAFETY **BOILER & PRESSURE VESSEL ACT** REGISTRATION ONLY CRN **EXAMINER** or

FID#: 614 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 decisration 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. CHE - RIVLER INSPECTOR

DATE П BLRs **PVs** I FITTINGS COMPONENTS

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	FION FORM FOR THE REGISTRAT  PRINCE EDWARD (SLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LASRADOR
MANUFACTURERE NAME	Cartan	20 1 -5 0	
MANUFACTURERS ADDR	ESS: 1501 HAPPER	PORATION OF AMERICA S ROAD, VIRGINIA BEACH	4
PLANT LOCATIONS: (5	AME)	S KOND, VIKGINIH BEACH	1, VA .23454 USA
		D. CIRCLE ONE CATEGORY ONLY	TITLE OF THE ETANGAND OF CONSTRUCTION
© Pipe fittings, including col B Firinges: all fienges C Valves: all line valves	uplings, toes, elbows, Ys, plug	ss, unions, pipe caps, or reducers	PLOOF TEST
D Expension joints, flexible	connections, and hose essent	blics: all types	= 4 x Max Desig
E Strainers, filters, separato .F Massuring devices, includ	rs, and steem trape ing pressure gauges, level ga	uces, sight classes, levels, or	
Pressure transmitters		ble as primary over pressure protection on	PRESSURE
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H Pressure retaining compo	nerits that do not fell into one	of the above categories  1. (Meeting AECS or ASME requirements)	
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ECLARATION:			
ny knowledge represents the emperature retings, and iden enufacture of these fittings	e product for which registra officetion merkings are in is regulated by a Quality C	any occase but the microscopic contain stion is sought. The dimensions, meteric secondance with the herein named stand Control Program which extends to each;	ferds, i further declare that the plant where fabrication occurs in whole
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eclared before me at	Artinia Beach		SPASSA
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mmissioner of Oaths Notary Public: (sign)			o Contino
		) 47015728 EXISIMAY 202	2 PARTIES
This	This at The entire the reverse to th	pace for Regulatory Authority use dated after ten (10) years from the date	of account
		_ <b>***</b>	or acceptance.
RN: 0A20418.5	Mus.	Newforthdwnd	

Service NL Registered 0A20418 · 50 Date 26 JUNE 2018

Engineering and Inspection Services
Registered by Hocal

UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND

THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS

FIDW: 614

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 medimum interval of five (5) years.

NEW BRUNSWICK YUNAVUT	ATUTORY DECLARA NOVA SCOTIA YUKON	PRINCE EL	WARD ISLAND ST TERRITORIES	NEW	FOUNDLAND AND LABRADO
MANUFACTURERS NAME:	CONTROLS CO	RPORATION	OF AME	RICA	
MUNICIPAL OFFICE	™ 15DL UARDES	S ROAD V	ROINIA BI	EACH, VA	23454 USA
PLANT LOCATIONS: (SA	ME)	<u> </u>	O/ III II	-1017	23454 USA
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D Expension joints, flexible or E Strainers, filters, separators	and steem trace				= 4 x Max Des
F Measuring devices, including pressure transmitters		•		1	PRESSURE
<ul> <li>G Certified capacity-rated pre- boilers, pressure vessels, p</li> <li>Pressure retaining component</li> </ul>	ibing and fusible pluce	•	•	on	
l Nuclear components: Class	1 🗆 Class 2 🗔 Class 3	. (Meeting AECS o	ASME requireme	ents)	
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temperature ratings, and identification markings	to solemnly deciare that the information contained i registration is sought. The dimensions, materials of are in accordance with the herein named standard	of construction, pressure
declaration conscientiously believing it to be true	Ex. ss being suitable for that pand knowing that it is of the same force and effect	Purpose and I make this sciemn
Signature of Deciarer:	<u></u>	Some
Deciared before me at Utimin Be	ach, VA USETHIS S	PART
This 4781 day of April A	D 2018 OFFIC	
Commissioner of Oaths or Notary Public: (sign)		S O MIN O
(Affix Official seal to t	the right) #7015728 tX/31MAY 2622	TO THE PURPLE OF
	This space for Regulatory Authority use	ninimi.

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 paydray methods of few (6) pages.

at a maximum interval of five (5) years.

, 6/26/2018

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD I NORTHWEST TERU	SLAND	NEWFOUNDLAND	
MANUFACTURERS NAME:	CONTROLS CORP	-20	ANTOLON		
MAARI WOLDING WINDOW	150 HARDERC	ROAD, VIRGIN	HABELCH	1/0 0211 01	
PLANT LOCATIONS: (SA	me)	COLID TALK	IN DUNCK	VH 23454	USA
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C Valvos: all line valves	plings, toes, elbows, Ys, plugs, u		0878	PLOOF T	EST
	connections, and hose assemblics s, and absem traps ng produces gauges, level gauges		,		Max Design Sure
G Certified capacity-rated pre- boliers, pressure vessels, a	maure rollef devices ecceptable a piping and fusible plugs ente that do not fell into one of th		protection on		DURG
N Nuclear components: Clas	4 1 Class 2 Class 3 Cl. (A	o above calegories Inelies AFCD or ASME :			
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				MACHINED BA	estock.
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DESIGN DRAWI	NGS		OAS CONTROL		
				A COLOR	
DECLARATION:	<i>a</i> (				
responsibility for the quality of my knowledge represents the temperature religion, and ideas	product forubles and similar	to cought The discount	Manati Columnis di	n this form is the Bi	nd to the best of
manufacture of these fittings is	regulated by a Quality Conf	ol Program which ends	nemea stangerd ands to each plen	s. I fuither declare t t where fabrication o	hat the
declaration conscientiously be	floving it to be true and know	ing that it is of the sar	ne force and effec	t es il medo dissolution o purpose and i (ne)ka	Mile solomo
Signature of Declarer:					Lake.
Declared before me at 11	stinia Beach, V		SETHIS S	Palestan	
Commissioner of Oaths or Notary Public (sign)	8		OFFIC		
	Affix Official seal to the right) #		1111117 7422		
		for Regulatory Authority		1,4 4.	Willy.
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CRN: 0A20418.5	_				16700
FID#: 614	-			rritorige	
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forms and one copy of supporting	documentation.	1	VESS!	AND PRESSUR	
<ol> <li>The declaration shall be made responsibility for the quality of the</li> </ol>	end product.	y end \	R.N. 0870	1418.51	
4. Quality control programs shall ( at a maximum interval of five (5) y	be resubmitted for validation	1	IGNED		
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To:ACI Central ;8678730117

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NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME: (	CORPOLS CORPO	RATION OF AMERICA	
MANUFACTURERS ADDRESS	ISOL HARDERS O	OAD, VIRGINIA BEACH	VA 234 CU USA
PLANT LOCATIONS: (SAN	E)	OHD, VIKGININ DEACH	VA 23454 USA
		IRCLE ONE CATEGORY ONLY	
Pipe fittings, including coupli			THE OF THE STANDARD OF CONSTRUCTION
B Flenges: all flanges C Valves: all line valves	that seed memoral and brodies but	ora, par caps, or recucers	PROOF TEST
D Expansion joints, flexible con	nections, and hose assembles:	all house	= 4 x Max Design
E Sirkiners, Rilers, separators, a	and almost frame	* 1	1
.F Measuring devices, including pressure transmitters	pressure gauges, level gauges,	sight glasses, levels, or	PRESSURE
G Certified capacity-rated press	ure relief devices ecceptable as	primary over pressure protection on	1
bollers, pressure vessels, plp. H Pressure retaining component	ing and minible pluge is that do not fall into one of the	shows retenents	
		peting AECB or ASME requirements)	
SHOW MANUFACTURERS NAM	E. TRADEMARK, OR LOGO A	BIT WILL APPEAR ON THE PRODUCT	EXA CONTROL STREET
			POROBO WILDRO D WROUGHT D
SEE BELOW			PORGED WELDED ID WROUGHT ID CAST ID OTHER IT DESCRIBE OTHER
DEL DELLOW			
			MACHINED BARSTOCK
LIST OF SUPPORTING DOCUME	ENTATION AND IDENTIFICAT	ION OF THE ACTUAL ITEMS TO BE RE	GISTERED:
Scope			
1	N N-50		
TEST REPORTS AN	D REPRESENTAT	IVE DEELCH VI	
DESIGN DRAWING	C r4	— GAS CONTR	
ואוזאוואן אוטוטייט	45	WWW. Macchine	
			through a second
DECLARATION:			
JOHN FRIEDRICH	1 sum note 3) employed by	Con Con and being	g the person having full authority and
responsibility for the quality of th	s vincelna ch fotbord bria at	tectors that the information contains	
emperature ratings, and identific	Cation medidos are is accor	e sought. The ulmenskins, manager denote with the barein expect stands:	of construction, pressure
twindingshire of history in the	officients by a citalist count	X Program which extends to each die	III Whata fabrication names is substa
x in part and has been verified I	by INTERTER	as being suitable for the	purpose and i make this golernn
I GOI OF THE PARTY	And to be sine who knows	as being surisple for the ng that it is of the same force and efficient	oct wait made trader quit
Signature of Declarer:	THE P		San Constitution
Declared before me at	timin Beach, V.	A USETHIS	S P
This att day of April	N 218	OFF1	
commissioner of Oaths	7	0111	
r Notery Public: (sign)	2		THE WORLD
(Aff	fix Official seal to the right) #	7015 78 TX 31MH 2022	AN BURNING
****		or Regulatory Albora use	JI INIAN ATTENTION
ina reg	istration must be revalidated	after ten (30) yearling on the date of	McPerit Present Color
CRN: 0A20418.5		1.000	Boilers and
61 <i>k</i>		Nunavut Pro	essure Vessels Act
FID#: 614		į.	1 1
		REGIS	TERED
Notes: 1. Ali fittings shall be registered in t	he name of the Manufacturer	31406 AO_ MAD	1 SN
<ol><li>Each category shall be supported</li></ol>	with two Statutory Declaration		
forms and one copy of supporting do 3. The declaration shall be made by	XCOMENIATION, / the person having full authority	Dale JUNE 35	1, 2018
esponsibility for the quality of the er	nd product.	Signed	22-
<ol> <li>Quality control programs shall be it a maximum interval of five (5) year</li> </ol>		1/1/1	
Commission investors at man (0) 100	NT.	CHIEF In	epector
		T	7
		Territorial Red	gistration Fee