



14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario
Canada M8X 2X4
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org

November 09, 2015

MARIA TOTH
M TOTH ENGINEERING LIMITED
9 ATLANTIC AVE
UNIONVILLE ON L3P 7B6
CA

Service Request Type: BPV-Fitting Registration
Service Request No.: 1733462
Your Reference No.: 1 GALLON BLADDER ACCUMULATOR SHELL
Registered to: BUCC INDUSTRIES INC

Dear MARIA TOTH,

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

CRN No.: 0H18049.5
Main Design No.: 3400275-D REV C
Expiry Date: 09-Nov-2025

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

Yours truly,

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

M. TOTH ENGINEERING LTD
9 ATLANTIC AVENUE
MARKHAM ON L3P 7B6

Date: December 1, 2015
Account #: 16027
Journal #: 64144
Our File #: 5565302

Attn: MARIA TOTH

Re: Application for Design Registration

The design, as detailed in your, Dwg: 3400275-D, for a Fitting is accepted for registration as follows:

Registered To: BUCC INDUSTRIES INC **CRN:** 0H18049.51

MDMT: -65 deg F

MAWT: 200 deg F

Drawing #: 3400275-D

Drawing Revision: C

Conditions Of Registration:

Registration of a 3.8L Bladder Accumulator Shell. MAWP: 3000/4000 psig.

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 November 09, 2025. 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@safetyauthority.ca
Design Administration

cc:

January 05, 2016

Attention: Maria Toth
M TOTH ENGINEERING LTD.
CONSULTING ENGINEERS
9 ATLANTIC AVENUE
MARKHAM, ON L3P 7B6

The design submission, tracking number 2015-08276, originally received on November 25, 2015 was surveyed and accepted for registration as follows:

CRN : 0H18049.52 **Accepted on:** January 05, 2016
Reg Type: New Design **Expiry Date:** November 09, 2025
Drawing No. : 3400275-D Rev C As Noted
Fitting type: BLADDER ACCUMULATOR SHELL (1 GALLON)
Design registered in the name of : BUCC INDUSTRIES INC

Description	MAWP	Design Temperature	MDMT
Internal Pressure	20684kPa	93 °C	-54 °C
Internal Press (App 22)	27579kPa	93 °C	-54 °C

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

The scope of this registration is limited to the forged bladder accumulator shell only and does not include any attachments, fittings, or assemblies. This note shall appear on the Manufacturer's Data Report.

The CE pressure/temperature rating and stamping is not part of this registration.

As per UG-84(c)(4)(-b) and Figure UHT-6.1, the lateral expansion shall not be less than 15 mils.

The hydrostatic test pressure is higher than required. As per UG-99(d), if the specified hydrostatic test pressure is exceeded, either intentionally or accidentally, to the degree that the vessel is subjected to visible permanent distortion, the Inspector shall reserve the right to reject the vessel.

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 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 3344 or fax (780) 437-7787 or e-mail Rudolf@absa.ca.

Sincerely,



REGISTRATION OF FITTING DESIGN

08-Jan-16

M. Toth Engineering Limited
9 Atlantic Avenue
Markham, ON
L3P 7B6**ATTENTION :** Maria Toth**File Number:** 10008 [0 F]

With reference to your submission respecting the registration of the item below, for legal use in the province, please note we have surveyed and registered this design in accordance with The Boiler and Pressure Vessel Act.

MANUFACTURER : BUCC Industries, Inc.	
CATALOG OR DRAWING : 3400275-D Rev. C	
ITEM : Bladder Accumulator Shell	CRN : 0H18049.53

We wish to point out that every fitting must be constructed strictly in accordance with the registered design.

Fitting registrations are required to be resubmitted for validation after ten (10) years from the registration date in accordance with CSA B51, Clause 4.2.1. The date of expiry for this registration is **Nov. 09, 2025**

Sincerely,

Williams Uju, P.Eng.
Codes and Standards Compliance**REMARKS:** CRN registered under reciprocal agreement.



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

January 22, 2016

M. Toth Engineering Limited
9 Atlantic Ave.
Markham, ON
L3P 7B6

Attn: Maria Toth

REGISTRATION OF VALVES AND FITTINGS

Manufacturer: BUCC Industries Inc.

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
3400275-D Rev. C	0H18049.54	36055

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 **November 9, 2025**.

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, E.I.T.

Design Surveyor

Office of the Fire Commissioner

Inspection and Technical Services Manitoba

500 - 401 York Avenue

Winnipeg, Manitoba, R3C 0P8

Phone: 204-945-3373

Email: rabie.harb@gov.mb.ca



February 2, 2016

Mrs. Maria Toth
M. TOTH ENGINEERING LIMITED
9 Atlantic Avenue
Markham ON
Canada L3P 7B6

Type of device: BLADDER ACCUMULATOR

Manufacturer: BUCC INDUSTRIES INC.
201 FOUNDATION AVE.
LA HABRA CALIFORNIA
U.S.A. 90631

Dear Madam,

According to our law respecting pressure vessels, your design has been reviewed and registered as follows:

CRN N°: 0H18049.56

Our reference No: 956914

Main Design No. : 3400275D REV. C

Note: If the CRN is a five digit number following the letter and start with a 0, the 0 is not considered to be an integral part of the CRN.

Yours truly,

TS for

Geneviève Noel-de-Tilly

Inspecteur autorisé (e)
Direction de l'inspection de la fabrication
d'appareils sous pression

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

X NEW BRUNSWICK
X NUNAVUT

X NOVA SCOTIA
X YUKON

X PRINCE EDWARD ISLAND
X NORTHWEST TERRITORIES

X NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: BUCC INDUSTRIES, INC.	
MANUFACTURERS ADDRESS: 201 FOUNDATION AVE., LA HABRA, CA, 90631	
PLANT LOCATIONS: SAME AS ABOVE	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION ASME SEC. VIII, DIV. I, 2013 ED.
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT BUCC	TYPE OF CONSTRUCTION FORGED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: DRAWING 3400275-D REV. C AND DESIGN CALCULATIONS FOR 1 GALLON ACCUMULATOR SHELL	

DECLARATION:

I ZARA CHEN (see note 3) employed by BUCC INDUSTRIES, INC. 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 ASME as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: [Signature]
Declared before me at _____
This _____ day of _____ AD _____
Commissioner of Oaths
or Notary Public: (sign) _____

USE THIS SPACE FOR
OFFICIAL SEAL

SEE ATTACHED
CALIFORNIA
ACKNOWLEDGEMENT

New Brunswick
Nouveau Brunswick

This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of issuance.	DEPT OF PUBLIC SAFETY BOILER & PRESSURE VESSEL ACT REGISTRATION ONLY CRN <u>OH18049.57</u> <u>[Signature]</u> EXAMINER: _____ for CHIEF BOILER INSPECTOR DATE: <u>12/04/2015</u>
CRN: <u>OH18049.5</u> FID#: <u>15085</u> Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	Sect. 1.0 Fittings Rev. 1 06/2003 <input type="checkbox"/> BLRs <input type="checkbox"/> FVS <input type="checkbox"/> FITTINGS <input type="checkbox"/> COMPONENTS

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

X NEW BRUNSWICK
X NUNAVUT

X NOVA SCOTIA
X YUKON

X PRINCE EDWARD ISLAND
X NORTHWEST TERRITORIES

X NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: BUCC (Tianjin) Pressure Equipment Manufacturing Co., Ltd.	
MANUFACTURERS ADDRESS: No. 15 Baocang Rd., Junliangcheng Industrial Park, Dongli District, Tianjin 300301, P.R. China	
PLANT LOCATIONS: SAME AS ABOVE	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs <input checked="" type="radio"/> H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION ASME SEC. VIII, DIV. I, 2013 ED.
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT BUCC	TYPE OF CONSTRUCTION FORGED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: DRAWING 3400275-D REV. C AND DESIGN CALCULATIONS FOR 1 GALLON ACCUMULATOR SHELL	

DECLARATION:

I DAH-MING CHEN (see note 3) employed by BUCC (TIANJIN) PRESSURE EQUIPMENT MANUFACTURING CO., LTD. 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 ASME as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: [Signature]

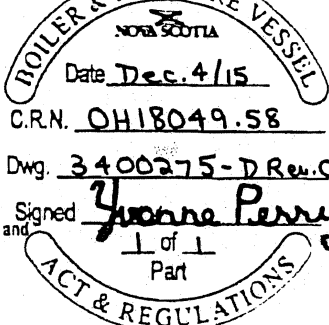
Declared before me at _____

This _____ day of _____

AD

Commissioner of Oaths
or Notary Public: (sign) _____

USE THIS SPACE FOR
SEE ATTACHED
CALIFORNIA
ACKNOWLEDGEMENT

This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>0H18049.5</u>	
FID#: <u>15085</u>	
Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	
Dwg. <u>3400275-D Rev. C</u> Signed <u>Yvonne Perry</u> 1 of 1 Part	
Sect. 1.0 Fittings Rev. 1.05/2003	

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

X NEW BRUNSWICK
X NUNAVUTX NOVA SCOTIA
X YUKONX PRINCE EDWARD ISLAND
X NORTHWEST TERRITORIES

X NEWFOUNDLAND AND LABRADOR

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SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT BUCC	TYPE OF CONSTRUCTION FORGED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: DRAWING 3400275-D REV. C AND DESIGN CALCULATIONS FOR 1 GALLON ACCUMULATOR SHELL	

DECLARATION:

I, DAH-MING CHEN (see note 3) employed by BUCC (TIANJIN) PRESSURE EQUIPMENT MANUFACTURING CO., LTD. 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 ASME as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: [Signature]

Declared before me at _____

This _____ day of _____ AD _____

Commissioner of Oaths
or Notary Public: (sign) _____
 SEE ATTACHED
 CALIFORNIA E.F.O.:
 ACKNOWLEDGEMENT A-1

This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>0H18049.5</u> FID#: <u>15085</u>	ACCEPTED PROVINCE OF PRINCE EDWARD ISLAND ENVIRONMENT, LABOUR & JUSTICE C.R.N. <u>0H18049.59</u> DATE: <u>Dec 7/15</u> INSPECTION SERVICES SECTION BOILER/PRESSURE VESSEL REG. Sect. 170 Fittings Rev. 10/2003
Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

X NEW BRUNSWICK
X NUNAVUT

X NOVA SCOTIA
X YUKON

X PRINCE EDWARD ISLAND
X NORTHWEST TERRITORIES

X NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: BUCC (Tianjin) Pressure Equipment Manufacturing Co., Ltd.	
MANUFACTURERS ADDRESS: No. 15 Baocang Rd., Junliangcheng Industrial Park, Dongli District, Tianjin 300301, P.R. China	
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LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: DRAWING 3400276-D REV. C AND DESIGN CALCULATIONS FOR 1 GALLON ACCUMULATOR SHELL	

DECLARATION:

I DAH-MING CHEN (see note 3) employed by BUCC (TIANJIN) PRESSURE EQUIPMENT MANUFACTURING CO., LTD. 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 ASME as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: [Signature]

Declared before me at _____

This _____ day of _____ AD _____

Commissioner of Oaths
or Notary Public: (sign) _____

SEE ATTACHED
CALIFORNIA
ACKNOWLEDGEMENT

This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>0H18049.5</u> FID#: <u>15085</u>	Newfoundland Labrador Service NL Registered <u>0H18049.50</u> Date <u>12/12/07</u> Engineering and Inspection Service Registered <u>[Signature]</u> UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND THE BOILER, PRESSURE VESSEL AND LIFTING REG. 1.06/2003 COMPRESSED GAS REGULATIONS
Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

X NEW BRUNSWICK
X NUNAVUT

X NOVA SCOTIA
X YUKON

X PRINCE EDWARD ISLAND
X NORTHWEST TERRITORIES

X NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: BUCC (Tianjin) Pressure Equipment Manufacturing Co., Ltd.	
MANUFACTURERS ADDRESS: No. 15 Baocang Rd., Junliangcheng Industrial Park, Dongli District, Tianjin 300301, P.R. China	
PLANT LOCATIONS: SAME AS ABOVE	
<p>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</p> <p>A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)</p>	<p>TITLE OF THE STANDARD OF CONSTRUCTION ASME SEC. VIII, DIV. I, 2013 ED.</p>
<p>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT BUCC</p>	<p>TYPE OF CONSTRUCTION FORGED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER:</p>
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: DRAWING 3400275-D REV. C AND DESIGN CALCULATIONS FOR 1 GALLON ACCUMULATOR SHELL</p>	

DECLARATION:

I DAH-MING CHEN (see note 3) employed by BUCC (TIANJIN) PRESSURE EQUIPMENT MANUFACTURING CO., LTD. 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 ASME as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: [Signature]

Declared before me at _____

This _____ day of _____ AD _____

Commissioner of Oaths
or Notary Public (sign) _____

USE THIS SPACE FOR
SEE ATTACHED
CALIFORNIA
ACKNOWLEDGEMENT

<p align="center">This space for Regulatory Authority use</p> <p align="center">This registration must be revalidated after ten (10) years from the date of acceptance.</p>	
<p>CRN: <u>0H18049.5</u></p> <p>FID#: <u>15085</u></p> <p>Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.</p>	<p align="center">GOVERNMENT OF YUKON BY: <u>[Signature]</u> CRN: <u>0H18049.5</u> DATE: <u>12/1/10</u> BOILERS BRANCH</p> <p align="right">Sect. 1.0 - Fittings Rev. 1.05/2003</p>

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

X NEW BRUNSWICK
X NUNAVUT

X NOVA SCOTIA
X YUKON

X PRINCE EDWARD ISLAND
X NORTHWEST TERRITORIES

X NEWFOUNDLAND AND LABRADOR

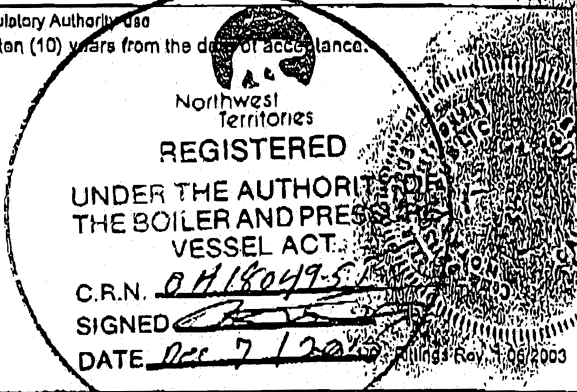
MANUFACTURERS NAME: BUCC (Tianjin) Pressure Equipment Manufacturing Co., Ltd.	
MANUFACTURERS ADDRESS: No. 15 Baocang Rd., Junliangcheng Industrial Park, Dongli District, Tianjin 300301, P.R. China	
PLANT LOCATIONS: SAME AS ABOVE	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY. A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs (H) Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION ASME SEC. VIII, DIV. I, 2013 ED.
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT BUCC	TYPE OF CONSTRUCTION FORGED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: DRAWING 3400276-D REV. C AND DESIGN CALCULATIONS FOR 1 GALLON ACCUMULATOR SHELL	

DECLARATION:

I, DAH-MING CITEN (see note 3) employed by BUCC (TIANJIN) PRESSURE EQUIPMENT MANUFACTURING CO., LTD. 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 ASME as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: _____
 Declared before me at _____
 This _____ day of _____ AD _____
 Commissioner of Oaths
 or Notary Public: (sign) _____

USE THE ATTACHED
 CALIFORNIA
 ACKNOWLEDGEMENT

This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance. CRN: <u>0H18049.5</u> FID#: <u>15085</u> Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	
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82.00

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

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

MANUFACTURERS NAME: BUCC (Tianjin) Pressure Equipment Manufacturing Co., Ltd.	
MANUFACTURERS ADDRESS: No. 15 Baocang Rd., Junliangcheng Industrial Park, Dongli District, Tianjin 300301, P.R. China	
PLANT LOCATIONS: SAME AS ABOVE	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs <input checked="" type="radio"/> H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION ASME SEC. VIII, DIV. I, 2013 ED.
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT BUCC	TYPE OF CONSTRUCTION FORGED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: DRAWING 3400275-D REV. C AND DESIGN CALCULATIONS FOR 1 GALLON ACCUMULATOR SHELL	

DECLARATION:

I, DAH-MING CHEN (see note 3) employed by BUCC (TIANJIN) PRESSURE EQUIPMENT MANUFACTURING CO., LTD. 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 ASME as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: _____
 Declared before me at _____
 This _____ day of _____ AD _____
 Commissioner of Oaths
 or Notary Public: (sign) _____

SEE ATTACHED
 USE THIS CALIFORNIA
 ACKNOWLEDGEMENT

This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>0H18049.5</u> FID#: <u>15085</u>	NUNAVUT Boilers and Pressure Vessels REGISTERED CRN <u>0H18049.5</u> Date <u>DEC 4, 2015</u> Signed _____ Chief Inspector
Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	Territorial Registration Fee