TSSA FHATTY AUTHON	BOILERS AND PRESSURE VESSELS SAFETY DIVISION 3300 Bloor Street West 4th Floor, West Tower Toronto, Ontario CANADA M8X 2X4	Show facsimile of m fitting, in the space be	anufacturer's logo or trademark, as it will appear on elow
	STATUTORY DECLARATION Registration of Fittings		
I. John G. Peachey	Quality Assurance Manager / Metallurgy	/ NDE	
(Name & Position of Tube Forgings of	n, e.g. President, Plant Manager, Chief E FAmerica, Inc.	ngineer)	
(Name o Located at 5200 NV	of Manufacturer) V Front Ave. Portland, OR 97210	503-820-2136	503-820-2194
the state of the s	Address)	(Telephone #)	(Fax #)
2000, and CSA Z245.1 (Title	y declare that the fittings listed hereundo Regulations for Boilers and Pressure Ve 1, ASME Section VIII, Div. 1, ASME B31.1, A of recognized North American Standard cifies the dimensions, materials of constr d service:	ssels comply with all of the req SME B31.3, ASME B16.9, ASTM A al)	uirements of 234/A420/A860/A858, MSS SP-75
	covered by the provisions of a recognize		
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CSA Note: Group

REGISTERED CSA Group CRN: CSA-OAIIbt4 t6RI

Registration Process administered by CSA Group per CSA B51

P

Technical Review performed per CSA B51 Performed by ANRIC Enterprises Inc. mes Signed: im Date: 01



178 Rexdale Blvd. Toronto, Ontario Canada M9W 1R3 Tel: (416) 747-4000 www.csagroup.org



March 2017

# <u>CRN – Canadian Registration Numbers - Saskatchewan</u>

The Province of Saskatchewan participates with Quebec and the Canadian Standards Association (CSA Group) for the registrations of "Fittings".

Per an agreement with CSA Group in April 1998, Saskatchewan recognizes registrations done by CSA Group and accepts such fittings for use in Saskatchewan.

The letters "CSA" are applied as a prefix to the CRN to indicate which "Fittings" have been registered in this manner. You should inform your clients of this additional marking requirement and that "Fittings" registered by CSA Group are accepted for use in Saskatchewan Canada.



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

www.tssa.org

March 23, 2017

John Peachey TUBE FORGINGS OF AMERICA INC 5200 N W FRONT PORTLAND OR 97210 US

Service Request Type: BPV-Fitting Registration Service Request No.: 2027756 Your Reference No.: RENEW CRN 0A11654.5 Registered to: TUBE FORGINGS OF AMERICA INC

Dear John Peachey,

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

CRN: 0A11654.5R1 Main Design No.: TFA CARBON STEEL BUTT WELD FITTINGS CATALOG Expiry Date: 23-Mar-2027

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

See 1 sheet of attachment to Statutory Declaration for scope, material and ratings.

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,

Kaivan Kia P. Eng., PMP Mechanical Engineer, BPV Tel.: 416-734-3457 Fax: 416-231-6183 Email: <u>kkia@tssa.org</u>

Putting Public Safety First

BOILERS AND PRESSURE VESSELS SAFETY DIVISION 3300 Bloor Street West 4th Floor, West Tower Toronto, Ontario CANADA M8X 2X4 STATUTORY DECLARATION Registration of Fittings	Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below			
I. John G. Peachey Quality Assurance Manager / Metallurgy				
(Name & Position, e.g. President, Plant Manager, Chief Er of Tube Forgings of America, Inc.				
(Name of Manufacturer) Located at 5200 NW Front Ave. Portland, OR 97210	503-820-2136 503-820-2194			
(Plant Address)	(Telephone #) (Fax #)			
do solemnly declare that the fittings listed hereunder, which are subject to the Technical Standards and Safety Act, 2000, and Regulations for Boilers and Pressure Vessels comply with all of the requirements of CSA Z245.11, ASME Section VIII, Div. 1, ASME B31.1, ASME B31.3, ASME B16.9, ASTM A234/A420/A860/A858, MSS SP-75 (Title of recognized North American Standard) which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;				
<ul> <li>or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.</li> </ul>				
. The items covered by this	a verified by the following authority, <u>ABS Q.E.</u> s declaration, for which I seek registration, are category ication, the following information and/or test data are attached as			
(drawings, calculations, test reports, etc.)				
Declared before me at <u>Olegon</u> the <u>4</u> day of <u>Schulary</u> AD 20 <u>1</u> Commissioner for Oaths; <u>Scerbara</u> & Bonac (Printed name)	in the City of Portford OFFICIAL STAMP BARBARA S BENAC NOTARY PUBLIC-OREGON COMMISSION NO. 941432 MY COMMISSION EXPIRES JULY 27, 2019			
(Signature)	(Signature of Declarer)			
To the best of my knowledge and belief the application mee	for Boilers and Pressure Vessels and CSA Standard B51			
Registered by: Kiklen				
Dated: March 23/17	C.R.N. OAUG545RI			
NOTE: This registration expires on March 23/202	Hocument Name: TSSA Statutory Declaration Form, Aug 24, 2001, Rev.01. doc			
See one sheet of attachment for scope. &				



1-800-426-3274 www.tubeforgings.com

## **PRODUCTS:**

Buttwelding fittings. Tees, 90° and 45° Elbows. Reducing Elbows, Caps, Reducers, Crosses and 180° Return Bends.

- Elbows: 90° Long and Short Radius, 45° Long Radius. STD, XH, True Schedules and Special Walls. Full Size Range.
- Straight and Reducing Tees: STD, XH, True Schedules and Special Walls. Full Size Range.
- \* Reducing Elbows: Up to 16".
- Caps: STD and XH. 2" 30" Sizes.
- Reducers: Concentric and Eccentric. 2"-24" Sizes.
- Crosses: STD, XH and Special Schedules.
- 180° Return Bends: Available Long Radius or Short Radius.
- 3-R Elbows: 90° and 45° "Segmentable" Per MSS-SP-75 "1% O.D. out-of-round" tolerance.

#### PLEASE VISIT WWW.TUBEFORGINGS.COM

For copies of ISO and PED quality certificates, MSDS documents, Canadian CRN registration numbers and current price schedule. Download product catalog pages and sign up for access for online Material Test Reports (MTR's).

## **MATERIALS:**

ASTM A234WPB and WPC, ASTM A420WPL6. ASTM A858, ASTM A860, MSS-SP-75; All grades and customer requirements for special mechanical properties and ASME Nuclear grades. 3/23/17

# **SPECIFICATIONS:**

ASME B16.9, NACE MR-01-75/ISO 15162, 10CFR49 Part 192 ASME Design Codes, CSA (Canadian) CSA Z 245.11 Cat 1 & Cat 2-Grades 241 through 483. MSS-SP-75 Grades 42 through 70+ High Yield and proprietary customer specifications.

## **OUALITY SYSTEMS:**

ISO 9001 Certification. Certification by ABS. Quality Evaluations, Inc., Houston, TX Certificate # 30248.2.

In addition to ISO 9001, our system is in accordance with PED 97/23, ASME NCA-3800, and MIL-I-45208. Our Quality Program has a strong emphasis on true process monitoring through SPC, continuous improvement and employee training.

> THIS IS PART OF CRN0A11654.5RI Technical Standards & Safety Authority Boliers & Pressure Vessels

### **MISSION STATEMENT**

#### **Corporate Offices and Manufacturing Plant: Tube Forgings of America, Inc.**

5200 N.W. Front Avenue Portland, OR 97210 PH: (503) 241-0716 (Office)

**Inside Sales Department** PH: (800) 426-3274 (Inside Sales) FAX: (503) 243-5301 (Inside Sales) www.tubeforgings.com