



To:	TSSA	From:	Janet Townsend
Company:	Foster Manufacturing Company Inc.	Phone:	416-747-4291
Pages:	8	Location:	Toronto
Our File:	ANR-4904	Date:	April 19, 2018

Your File: 2259048

**Subject: Request for Design Registration**

Dear Ms. Francis,

CSA has reviewed the documentation submitted by TSSA on behalf of Foster Manufacturing Company Inc.

These fittings have been registered by CSA for the Province of Québec. In accordance with an agreement between CSA, the Provinces of Québec and Saskatchewan; this registration is recognized by Quebec and Saskatchewan. These fittings are acceptable for use in these Provinces.

The letters CSA will be applied as a prefix to the CRN indicate which fittings have been registered in this manner. A copy of the stamped Statutory Declaration is attached.

The CRN is CSA-0H20062.56.

A copy of the Statutory Declaration with an original stamp affixed will be forwarded to you along with our invoice by regular mail.

Yours truly

A handwritten signature in blue ink that reads 'Janet Townsend'.

**Janet Townsend**  
Program Manager  
CSA Group

178 Rexdale Blvd.  
Toronto, ON, M9W 1R3  
Canada  
[www.csagroup.org](http://www.csagroup.org)

REGISTERED  
CRN: CSA - OH 20062.56  
Registration Process administered by  
CSA Group per CSA B51

Statutory Declaration Registration of Fittings

(a) Design Qualification

I, TIM PREUSCH (Name of applicant)  
PRODUCT ENGINEER (Position eg, president, plant manager, chief eng.)

of FOSTER MANUFACTURING COMPANY INC. (name of company)

Located at 2324 WEST BATTLEFIELD ROAD, SPRINGFIELD, MISSOURI, 65807, USA (plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act:

- [X] comply with all the requirements of the ANSI/ASME codes as to their dimensions, material, identification & service for which are required:
Or
[ ] are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with code and standard, and are designed to the best current engineering practice, as shown by the supporting test data.

(b) Quality control of Manufacture

I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of ISO 9001:2008, and has been verified by the following authority or authorized agency INTERTEK

The fittings covered by this declaration, for which I seek registration, are CATEGORY H QUICK DISCONNECTS

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

SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS

Declared before me at Springfield
In the of State of Missouri
The 17th day of July AD 2007
Christal Joye Moody A (commissioner for oaths)

CHRYSTAL JOYE MOODY
Notary Public - Notary Seal
STATE OF MISSOURI
Greene County
My Commission Expires Feb 17, 2021
Commission #11364180

Signature of Declarer

For Official Use Only

The application is accepted for registration in Category H in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51.

This registration must be revalidated after ten (10) years from the date of acceptance. FEB. 13. 2028

Registered Number CRN CSA- OH 20062.56 For the Chief Inspector Date A. DANWATT APRIL. 09. 2018

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



**Statutory Declaration (Registration of Fittings)**

**TSK-1008**

**I. Declaration Information**

I, TIM PREUSCH  
PRODUCT ENGINEER  
 (company title, e.g. vice president, plant manager, chief engineer)  
 (must be in a position of authority in the manufacturing plant where the fitting is produced)

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.



of: FOSTER MANUFACTURING COMPANY INC.  
 (name of manufacturer)

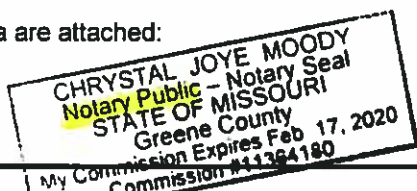
located at: 2324 WEST BATTLEFIELD ROAD SPRINGFIELD, MISSOURI 65807, USA  
 (Plant Address - Apt/Street) (City, Prov) (Postal Code)

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

- Comply with the requirements of ASME B31.1, ASME B31.3 which specifies the dimensions, (title of recognized North American Standard) Materials of construction, pressure / temperature ratings and identification marking of the fittings, or
- Are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with \_\_\_\_\_ as supported by the attached data which identifies the dimensions, materials of construction, pressure / temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, INTERTEK ISO 9001.2008 as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are CATEGORY H QUICK DISCONNECTS

In support of this application, the following information, calculations and / or test data are attached:  
SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS



**II. Declaration**

DECLARED before me at Springfield In the State of Missouri  
 this 17th day of July, 2017  
Chrystal Moody (print name) (Signature)  
Chrystal Moody (Signature of Commissioner of Oaths)

**III. Office Use Only**

To the best of my knowledge and belief, the application meets the requirements of the *Boiler and Pressure Vessel Safety Act* and CSA B51, Clause 4.2, and is accepted for registration in Category H  
CSA - OH 20062.56 (Registration Number)  
APRIL 09 2018 (Date Registered - MM DD YYYY)  
FEB 13 2028 (Expiry Date - MM DD YYYY)  
A. BANWATT (For the Administrator / Chief Inspector)





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

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

February 13, 2018

SCOTT ISLIP  
ROUND ENGINEERING INC  
10 SEGWUN RD  
WATERDOWN ON L8B 0K6  
CA

**Service Request Type:** BPV-Fitting Registration  
**Service Request No.:** 2193002  
**Your Reference No.:** R-0768  
**Registered to:** FOSTER MANUFACTURING COMPANY INC

Dear SCOTT ISLIP,

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

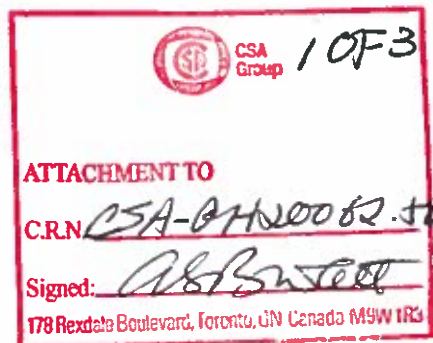
**CRN No.:** 0H20062.5  
**Main Design No.:** QUICK DETACHABLE COUPLINGS - SEE SCOPE OF CRN REGISTRATION (2PGS)  
**Expiry Date:** 13-Feb-2028

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

The stamped copy of the approved registration and the invoice are mailed separately. Should you have any questions or require further assistance, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail [customerservices@tssa.org](mailto:customerservices@tssa.org). We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Wendy Du, P.Eng.  
Technical Standards & Safety Authority  
Boilers & Pressure Vessels Safety Program  
Tel.: 416-734-3566  
Fax: 416-231-6183  
Email: [wdu@tssa.org](mailto:wdu@tssa.org)



**FOSTER MANUFACTURING COMPANY INC.**  
 2324 WEST BATTLEFIELD ROAD  
 SPRINGFIELD, MISSOURI  
 65807, USA



11-Feb-18

PAGE 1 OF 2

**SCOPE OF CRN REGISTRATION**

Product Description	Catalogue Pages	Design Code	End Types	Body Size	CRN Maximum Allowable Working Pressure (psig)		MDMT (°F)
					Brass (psig) (Note 1,2)	Stainless Steel (psig) (Note 1,2)	
Quick Detachable Couplings "One Way Shut-Off Series"	ZSI-Foster HP/15M/10.15 Pages 8 thru 21	ASME B31.3 ASME B31.1 (Note 3)	1/8" NPT thru 1" NPT	2 SERIES - 1/8"	300 psig at 400°F	300 psig at 400°F	-20
				3 SERIES - 1/4"	300 psig at 400°F	300 psig at 400°F	-20
				3 SERIES - 1/4" SG	300 psig at 400°F	300 psig at 400°F	-20
				3 SERIES - 1/4" FM	300 psig at 400°F	300 psig at 400°F	-20
				4 SERIES - 3/8"	300 psig at 400°F	300 psig at 400°F	-20
				4 SERIES - 3/8" FM	300 psig at 400°F	300 psig at 400°F	-20
5 SERIES - 1/2"	300 psig at 400°F	300 psig at 400°F	-20				
5 SERIES - 1/2" FM	300 psig at 400°F	300 psig at 400°F	-20				
6 SERIES - 3/4"	300 psig at 400°F	300 psig at 400°F	-20				
6 SERIES - 3/4" FM	300 psig at 400°F	300 psig at 400°F	-20				

Product Description	Catalogue Pages	Design Code	End Types	Body Size	CRN Maximum Allowable Working Pressure (psig)		MDMT (°F)			
					Brass Socket w/ Brass Plug at (psig) (Note 1,2)	S. Steel Socket w/ S. Steel Plug at (psig) (Note 1,2)				
Quick Detachable Couplings "FST Series"	ZSI-Foster HP/15M/10.15 Pages 40 thru 41	ASME B31.3 ASME B31.1 (Note 3)	1/8" NPT thru 1-1/2" NPT	1/8"	2300 psig at 300°F 1097 psig at 400°F	2300 psig at 300°F 1097 psig at 400°F	-20			
				1/4"	2300 psig at 300°F 1097 psig at 400°F	2300 psig at 300°F 1097 psig at 400°F	-20			
				3/8"	2300 psig at 300°F 1097 psig at 400°F	2300 psig at 300°F 1097 psig at 400°F	-20			
				1/2"	2300 psig at 300°F 1219 psig at 400°F	2300 psig at 300°F 1219 psig at 400°F	-20			
				3/4"	1300 psig at 300°F 689 psig at 400°F	1300 psig at 300°F 689 psig at 400°F	-20			
				1"	1300 psig at 300°F 689 psig at 400°F	1300 psig at 300°F 689 psig at 400°F	-20			
				1-1/4"	1300 psig at 300°F 689 psig at 400°F	1300 psig at 300°F 689 psig at 400°F	-20			
				1-1/2"	1300 psig at 300°F 689 psig at 400°F	1300 psig at 300°F 689 psig at 400°F	-20			
								2400 psig at 400°F	2400 psig at 400°F	-20
								2400 psig at 400°F	2400 psig at 400°F	-20
								2400 psig at 400°F	2400 psig at 400°F	-20
								1700 psig at 400°F	1700 psig at 400°F	-20

  
**ATTACHMENT TO**  
 CRN: *CSA-0420062.5*  
 Signed: *[Signature]*  
 174-Headline Boulevard, Toronto, ON Canada M8W 1R3

**THIS IS PART OF**  
**CRN 0420062.5**  
 Technical Standards & Safety Authority  
 Boilers & Pressure Vessels  
 Safety Program

**FOSTER MANUFACTURING COMPANY INC.**  
 2324 WEST BATTLEFIELD ROAD  
 SPRINGFIELD, MISSOURI  
 65807, USA



11-Feb-18

PAGE 2 OF 2

**SCOPE OF CRN REGISTRATION CONTINUED**

Product Description	Catalogue Pages	Design Code	End Types	Body Size	CRN Maximum Allowable Working Pressure (psig)		MDMT (°F)		
					Brass (psig) (Note 1,2)	Steel (psig) (Note 1,2)			
Quick Detachable Couplings "FHK Series"	ZSI-Foster HP/15M/10.15 Pages 43 thru 46	ASME B31.3 ASME B31.1 (Note 3)	1/8" NPT thru 1" NPT	1/8"	2000 psig at 300°F	2300 psig at 400°F	-20		
					954 psig at 400°F	2300 psig at 400°F	-20		
						1/4"	2000 psig at 300°F	2300 psig at 400°F	-20
							954 psig at 400°F	2300 psig at 400°F	-20
						3/8"	2000 psig at 300°F	2300 psig at 400°F	-20
							954 psig at 400°F	2300 psig at 400°F	-20
						1/2"	1700 psig at 300°F	2300 psig at 400°F	-20
							901 psig at 400°F	2300 psig at 400°F	-20
						3/4"	1700 psig at 300°F	2000 psig at 400°F	-20
							901 psig at 400°F	2000 psig at 400°F	-20
				1"	1500 psig at 300°F	2000 psig at 400°F	-20		
					795 psig at 400°F	2000 psig at 400°F	-20		

**Note 1:** In all cases the pressure-temperature ratings may be limited by the seat and seal materials. Consult literature.

**Note 2:** The following grades of material are covered by this CRN:

- Brass = ASTM B16-C36000 Brass
- Steel = ASTM A108 12L14 UNS G12144 Carbon Steel
- Stainless Steel or S.Steel = ASTM A582 UNS S30300 Stainless Steel

**Note 3:** In accordance with ASME B31.1 para 123.1.2(D) when this product is used under the ASME B31.1 code the owner must accept the use of the following non listed materials:

- Steel = ASTM A108 12L14 UNS G12144 Carbon Steel
  - Stainless Steel or S.Steel = ASTM A582 UNS S30300 Stainless Steel
- In all cases the above unlisted materials shall only be used for nonboiler external piping.

**THIS IS PART OF**  
**CRN 0H20062.5**  
 Technical Standards & Safety Authority  
 Boilers & Pressure Vessels  
 Safety Program

**30F3**

**ATTACHMENT TO**

C.R.N. **0H20062.5**

Signed: *[Signature]*

178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

# Certificate of Registration



This is to certify that the quality management system of

## **Foster Manufacturing Company Inc.**

**2324 West Battlefield Road, Springfield, Missouri, 65807, USA**

has been assessed and registered by Intertek as conforming to the requirements of

**ISO 9001:2008**

The quality management system is applicable to

The design and manufacture of hydraulic and pneumatic quick disconnect couplers and air hose accessories.

Certificate Number: 0008870-01  
Initial Certification Date: 03 February 2014  
Certificate Issue Date: 03 February 2017  
Certificate Expiry Date: **14 September 2018**



Calin Moldoveanu, President  
Intertek Testing Services NA, Inc.  
900 Chelmsford Street, Suite 301-3, Lowell, MA, USA

In the issuance of this certificate, Intertek assumes no liability to any party other than to the Client, and then only in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the organization maintaining their system in accordance with Intertek's requirements for systems certification. Validity may be confirmed via email at [certificate.validation@intertek.com](mailto:certificate.validation@intertek.com) or by scanning the code to the right with a smartphone.

The certificate remains the property of Intertek, to whom it must be returned upon request.

CT-ISO 9001-2008-ANAB-EN-LT-L-26.jun.15



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



March 2017

## **CRN – Canadian Registration Numbers - Saskatchewan**

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.