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July 08, 2016

SCOTT ISLIP
ROUND ENGINEERING INC
10 SEGWUN RD
WATERDOWN ON L0R 2H8
CA

Service Request Type: BPV-Fitting Registration
Service Request No.: 1899700
Your Reference No.: SPS
Registered to: SARNIA PIPING SPECIALTIES LTD

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 : **0H18577.5**
Main Design No.: R-0633 Rev. 0
Expiry Date: **08-Jul-2026**

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,

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



TECHNICAL STANDARDS &
SAFETY AUTHORITY
14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario
Canada M8X 2X4

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below



STATUTORY DECLARATION Registration of Fittings

I, RICHARD FELTON, PRESIDENT

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

of SARNIA PIPING SPECIALTIES LTD.

(Name of Manufacturer)

Located at 765 EVETT STREET, SARNIA, ONTARIO, N7S 5N3

(Plant Address)

1-800-355-1740

(Telephone No.)

(Fax No.)



do solemnly declare that the fittings listed hereunder, which are subject to the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, comply with all of the requirements of ASME B31.3

(Title of recognized North American Standard)

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



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

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of CSA B51

which has been verified by the following authority, TSSA

The items covered by this declaration, for which I seek registration, are category H Instrument Pipes type fittings. In support of this application, the following information and/or test data are attached as follows:

SCOPE OF CRN, DRAWINGS, REPORTS

(drawings, calculations, test reports, etc.)

Declared before me at City of Sarnia in the County of Lambton

the 15 day of June AD 2016.

Commissioner for Oaths:

Gregory Thomas Bernard

(Printed name)

(Signature)

(Signature of Declarer)

FOR OFFICE USE ONLY

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

CRN: 0H185775

Registered by: R. Kia

Dated: July 8/16

NOTE: This registration expires on July 8/2026

Boilers and
Pressure Vessels
Safety Program

REGISTERED

CRN: 0H185775

Signed: R. Kia

Date: July 8/16

See one sheet of attachment for scope. KK
7/8/16

SARNIA PIPING SPECIALTIES LTD.

765 EVETT STREET
SARNIA, ONTARIO
CANADA, N7S 5N3

15-Apr-16

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SCOPE OF CRN REGISTRATION

Product Description	Baum Drawing No.	Design Standard	Material (Note 1,2)	Pressure Class	Size Range NPS	Pressure Rating (Note 3)
ANSI 150 Lb. Flanged Pipe Spools	R-0633	ASME B31.3	ASTM A105, A53, A106-B, A587	150 Lb.	1" thru 6"	285 psig at 100 F, 170 psig at 500F

MANUFACTURING LOCATIONS

SARNIA PIPING SPECIALTIES LTD.
765 EVETT STREET
SARNIA, ONTARIO
N7S 5N3

Note 1: Different ASME B16.5 flange materials can be substituted for ASTM A105 material when they have pressure-temperature ratings that are equal to or less than ASTM A105 pressure temperature ratings. When a flange material of lower rating, compared to ASTM A105, is used the pressure-temperature ratings are limited to the ASME B16.5 ratings of the material used in accordance with ASME B16.5.

Note 2: Alternative pipe materials may be used that have a ASME B31.3 table A-1 allowable stress equal to or greater than 13,600 psi at 100F and 13,600 psi at 500F.

Note 3: Flanges with a pressure class greater than class 150 Lb. may be used but in all cases the pressure-temperature ratings are limited to Class 150 Lb. ASME B16.5 pressure-temperature ratings.

THIS IS PART OF
CRN 0418577.5
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program

per drawing

R-0633 Rev. 0. *rk*
7/8/16