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September 11, 2018

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

Service Request Type: BPV-Fitting Registration
Service Request No.: 2385700
Your Reference No.: R-0950
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 No.: **0H20695.5**
Main Design No.: SCOPE OF CRN REGISTRATION-CL.150, 300, 600
SPACERS RING & FULL FACE: NPA 1/2" THUR 24"
Expiry Date: 11-Sep-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 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,

Alan Wu P. Eng.
Mechanical Engineer, BPV
Tel. : 416-734-3443
Fax : 416-231-6183
Email : awu@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



SPS

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 - Spacers 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 SARNIA in the COUNTY of LAMBTON

the 26 day of JUNE AD 2018.

Commissioner for Oaths:

JAMES G. KUHLMETTER

(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 17

CRN: 0120695.5

Registered by: A Wu

Dated: Sep 11, 18

NOTE: This registration expires on Sep 11, 2023

Technical
Standards
and Safety
Authority

Boilers and
Pressure Vessels
Safety Program

REGISTERED

C.R.N.: 0120695.5

Signed: A

Date: Sep 11, 18

SEE SCOPE OF REGISTRATION

SARNIA PIPING SPECIALTIES LTD.

765 EVETT STREET
SARNIA, ONTARIO
CANADA, N7S 5N3



24-Aug-18

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SCOPE OF CRN REGISTRATION

Product Description	SPS Drawing No.	Design Standard	Size Range NPS	Pressure Class	Material	Pressure Rating
Spacers	R-0950A, R-0950B, R-0950C, R-0950D, R-0950E, R-0950F	ASME B31.3	1/2" thru 24"	Class 150	ASTM A36 Carbon Steel	285 psig at 100F, 170 psig at 500F (Note 1)
					ASTM A240-304/304L Stainless Steel (Note 4)	275 psig at 100F, 170 psig at 500F (Note 2)
					ASTM A240-316/316L Stainless Steel (Note 5)	275 psig at 100F, 170 psig at 500F (Note 3)
				Class 300	ASTM A36 Carbon Steel	740 psig at 100F, 605 psig at 500F (Note 1)
					ASTM A240-304/304L Stainless Steel (Note 4)	720 psig at 100F, 465 psig at 500F (Note 2)
					ASTM A240-316/316L Stainless Steel (Note 5)	720 psig at 100F, 480 psig at 500F (Note 3)
				Class 600	ASTM A36 Carbon Steel	1480 psig at 100F, 1205 psig at 500F (Note 1)
					ASTM A240-304/304L Stainless Steel (Note 4)	1440 psig at 100F, 930 psig at 500F (Note 2)
					ASTM A240-316/316L Stainless Steel (Note 5)	1440 psig at 100F, 955 psig at 500F (Note 3)

THIS IS PART OF
CRN 04120695.5
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program

MANUFACTURING LOCATIONS

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

Note 1: Pressure Temperature ratings in accordance with ASME B16.5 Table II-2-1.1 Cl. 150, Cl. 300, Cl. 600.

Note 2: Pressure Temperature ratings in accordance with ASME B16.5 Table II-2-2.1 Cl. 150, Cl. 300, Cl. 600.

Note 3: Pressure Temperature ratings in accordance with ASME B16.5 Table II-2-2.2 Cl. 150, Cl. 300, Cl. 600.

Note 4: Only 304 or dual rated 304/304L shall be used.

Note 5: Only 316 or dual rated 316/316L shall be used.

Note 6: Optional linings are PP, PFA, PTFE, PVDF, ETFE and others. In all cases the pressure-temperature ratings of the spectacle line blinds may be limited by the lining material.

Note 7: For temperatures below -20F products shall conform to the rules of the applicable codes under which they are used.