



REGISTRATION OF A PRESSURE FITTING DESIGN

March 25, 2024

TSSA
345 Carlingview Dr.
Toronto, ON
Canada
M9W 6N9

Attention: Cecylia Garbacz

File Number: 100563

Re: Manufacturer: Alabama Specialty Products, Inc.

Item: Packing Body

Catalog or Drawing: Per Scope of Registration & Main Drawing PR5585 Rev. B

TSASK Codes and Standards Compliance has registered the design listed above in accordance with The Boiler and Pressure Vessel Act and Regulations and CSA B51. The Canadian Registration Number (CRN) is:

0H16311.53

Expiry Date: 2033-12-11

Please note that every fitting shall be constructed in strict 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.

Should you require anything further, please do not hesitate to contact the Codes and Standards Compliance Office at your convenience.

Yours truly,

Athan Syrgiannis, P.Eng.

Codes and Standards Compliance

Remarks:

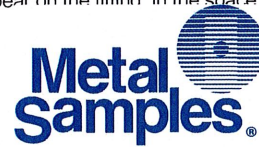
CRN renewal - previously registered in Saskatchewan through CSA. No changes to the original design or scope.

A valid quality control program must be maintained at the production facility for the fitting registration to remain valid until the expiry date.



Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
www.tssa.org

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, Sai Mudiam, Chief Technical Officer
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Alabama Specialty Products, Inc.
(Name of Manufacturer)

Located at 152 Metal Samples Road, Munford, Alabama, 36268, USA 256-358-4202 256-358-4515
(Plant Address) (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 Boiler and Pressure Vessel Code, Sec. IX; NACE MR-0175/ISO 15156;

(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 ISO 9001:2015 which has been verified by the following authority, DNV Business Assurance USA Inc.

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

Drawing: PR5585, Pressure Boundary Outline, Calculations, QC verification Certificate, National Design Registration Form

(drawings, calculations, test reports, etc.)

Declared before me at Munford in the State of Alabama
the 28th day of September AD 20 23.

Commissioner for Oaths:

Nicole Finley
(Printed name)

Nicole Finley
(Signature)
My Commission Expires Oct. 13, 2026

[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 _____.

CRN: _____

Registered by: _____

Dated: _____

NOTE: This registration expires on: _____

 Technical Safety Authority of Saskatchewan	
Registration No.	<u>0H16311.53</u>
File No.	<u>100563</u>
<div>Registered</div>	
Date:	<u>March 25, 2024</u>
Expiry Date:	<u>December 11, 2033</u>
Codes & Standards Compliance Office	

*Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request.

Scope of Registration Table:

Product Description	Primary Pressure Baring/Retaining Component	ASME Design Standard	Size or Size Range	Design Condition: MAWP @ MAX Temperature	MDMT	Actual Wall Thickness vs Min required	End Connection and size range	ASME/ASTM Material Specification	Ref. Calculation	Catalog Page or drawing No.
Retractable Systems Packing Body	Packing Body	ASME B31.3	N/A	10342 Kpa (1500 PSI) @ 454°C	454°C (850° F)	Actual: 7.4 mm (.292") Min Required: 2.59 mm (.102")	1" NPT	316/L SS A351 CF3M	See Enclosed Calculations Sheet	Drawing PR5585 Rev B, Datasheet ER4100


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Safety Authority
of Saskatchewan**
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