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

December 11, 2023

ALABAMA SPECIALTY PRODUCTS INC  
152 METAL SAMPLES RD  
MUNFORD AL 36268

**Workorder Type:** Registration - Fitting(Conventional)  
**Workorder No:** 14170452  
**Your Reference No.:** PR5585 - 0H16311.5 RENEWAL - NATIONAL SERVICE  
**Registered to:** ALABAMA SPECIALTY PRODUCTS INC

Dear ART POVERENNOV,

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

CRN : 0H16311.5R1  
Main Design No.: PR5585 REV B  
Expiry Date: Dec 11, 2033

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

Renewal of CRN 0H16311.5 with no changes in design or additions to product scope

The stamped copy of the approved registration and the invoice are mailed separately (There will be no hard copies for electronic submissions). 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.

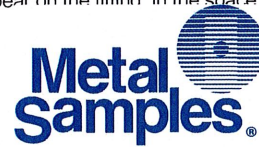
Yours truly,

Shreyas Madhuranath M.Eng, P.Eng  
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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

(Plant Address)

256-358-4202

(Telephone No.)

256-358-4515

(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 28<sup>th</sup> 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 H.

CRN: \_\_\_\_\_

Registered by: \_\_\_\_\_

Dated: \_\_\_\_\_

NOTE: This registration expires on: \_\_\_\_\_

**Dec 11, 2033**



Renewal of CRN 0H16311.5 with no changes in design or additions to product scope

\*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

THIS IS PART OF CRN  
0H16311.5R1  
Technical Standards and Safety Authority  
Boilers and Pressure Vessels Safety  
Program

