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November 22, 2016

BYRON HUDSON  
CORROSION MATERIALS INC  
2262 GROOM RD  
BAKER LA 70714  
US

Service Request Type: BPV-Fitting Registration  
Service Request No.: 1953248  
Your Reference No.: CRN 0A10750.5R1 ADDTION - INCREASE SIZE RANGE  
Registered to: CORROSION MATERIALS INC

Dear BYRON HUDSON,

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


**CRN No.:** 0A10750.5ADD2  
**Main Design No.:** ASME B16.9 Fitting - 1/2" TO 16" NPS PIPE SIZE  
**Expiry Date:** 03-Mar-2026

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

*Note: Addition of sizes 10" to 16" NPS fittings to existing registration. See Statutory Declaration and Scope of registration for details.*

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,

  
Ruiming You, P.Eng.  
Mechanical Engineer, BPV  
Tel.: 416-734-3428  
Fax: 416-231-6183  
Email: [ryou@tssa.org](mailto:ryou@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, Byron Hudson Corporate QC and Safety Manager  
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Corrosion Materials  
(Name of Manufacturer)

Located at 2262 Groom Road Baker, LA 70714 800-535-8032 225-774-0514  
(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 B16.9-12 Buttwelding Fittings (Addendum to CRN 0A10750.5R1 expand size range)

(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 ASME B16.9-12 Buttweld Fittings which has been verified by the following authority, TUV NORD ISO 9001:2008 Certificate 44 100 16560056

The items covered by this declaration, for which I seek registration, are category A type fittings. In support of this application, the following information and/or test data are attached as follows:  
ASME B16.9-12 Section 9 "Design Proof Test" data, expanded size range scope and supporting information.

(drawings, calculations, test reports, etc.)

Declared before me at Baker, Louisiana in the Parish of East Baton Rouge  
 the 28<sup>th</sup> day of Sept AD 20 16.

Commissioner for Oaths:  
Brandon Puckett  
(Printed name)  
  
(Signature)

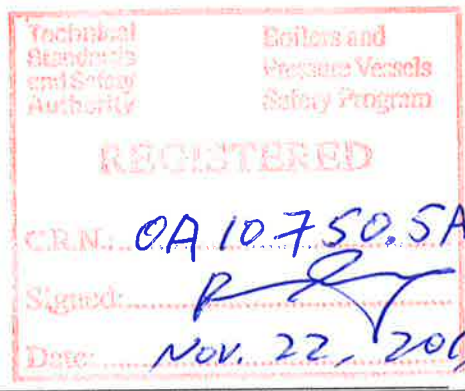
  
(Signature of Declarer)

#### 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 A

CRN: 0A10750.5A002  
 Registered by: Ruiming You  
 Dated: Nov. 22, 2016

NOTE: This registration expires on MAR.03, 2026



PV 09553 (06/04) NOTE: SEE SCOPE OF REGISTRATION SHEET ATTACHED. 11/22/2016

OFFICIAL SEAL  
 BRANDON PUCKETT  
 NOTARY ID #77634  
 STATE OF LOUISIANA  
 PARISH OF EAST BATON ROUGE

November 22, 2016

## CRN 0A10750.5 Scope of Registration

Material: Nickel alloy ASME B16.9 Wrought Buttwelding Fittings

Design of ASME B16.9-2012 Section 1.2 "Special Fittings" established through ASME B16.9-2012 section 9 design proof test methods and ASME B16.9-2012 section 2.2 mathematical analysis.

### Fitting Size Range

ASME B16.9-2012 fitting size range - ½" - 16" NPS pipe size

### Fitting Wall Schedule

ASME B16.9-2012 fitting wall schedules - Sch 10, 40 & 80

### Buttwelding Fitting Type for Design Proof Test:

ASME B16.9 – Buttwelding caps, concentric and eccentric reducers: Design Proof Test Assembly A, E, I

ASME B16.9 – 45, 90 and 180-degree long radius elbows: Design Proof Test Assembly B, F, J

ASME B16.9 - Straight and reducing crosses & tees: Design Proof Test Assembly C, G, K

ASME B16.9 – Lap joint stub ends: Proof test figure: Design Proof Test Assembly D, H, L

1" Proof Test Fittings: Assemblies A, B, C & D

4" Proof Test Fittings: Assemblies E, F, G & H

8" Proof Test Fittings: Assemblies I, J, K & L (Sch 40/80) and Greene's Energy Group mathematical analysis (Sch 10)

Note: Greene's Energy Group mathematical analysis qualifies 10" through 16" sch 10 ASME B16.9-2012 fittings.

Byron Hudson  
Corporate QC and Safety Manager

**THIS IS PART OF**  
**CRN 0A10750.5 ADD 2**  
**Technical Standards & Safety Authority**  
**Boilers & Pressure Vessels**  
**Safety Program**

NOTE: 8" x 16" SCH 10 FITTING CONSIDERED  
AS "SPECIAL FITTING" PER B16.9.