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January 30, 2017

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

Service Request Type: BPV-Fitting Registration
Service Request No.: 2014696
Your Reference No.: R-0649 MASON EXPANSION JOINTS
Registered to: MASON INDUSTRIES INC

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.: 0D19128.5
Main Design No.: HEJFFL (Flanged) and HEJW (Butt-weld) Expansion Joints c/w housing (See the attachment to the Statutory Declaration form for full scope of registration).
Expiry Date: 30-Jan-2027

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

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. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Mark Valcic P. Eng.
Engineer BPV
Tel.: 416-734-3494
Fax: 416-231-1626
Email: mvalcic@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, SEAN CUNNINGHAM, QUALITY CONTROL MANAGER
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of MASON INDUSTRIES INC.
(Name of Manufacturer)

Located at 350 RABRO DRIVE, HAUPPAUGE, NY, 11788, USA 631-348-0282 631-348-0279
(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, EJMA, 10TH EDITION
(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 which has been verified by the following authority, SEISMIC SOURCE INTERNATIONAL.

The items covered by this declaration, for which I seek registration, are category CATEGORY D type fittings. In support of this application, the following information and/or test data are attached as follows:
SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS

(drawings, calculations, test reports, etc.)

Declared before me at 350 Rabro Drive in the City of Hempstead NY
 the 9th day of January AD 2017.

Commissioner for Oaths:
Mary P Ryan
(Printed name)
[Signature]
(Signature)

MARY P. RYAN
 Notary Public, State of New York
 No. 01RY4508490
 Qualified in Suffolk County
 My Commission Expires 06/30/19
[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 'D'.

CRN: 0D19/28.5
 Registered by: MARK VALCIC, P.ENG.
 Dated: JAN 30, 2017
 NOTE: This registration expires on JAN 30, 2027

Technical Standards and Safety Authority	Boilers and Pressure Vessels Safety Program
REGISTERED	
C.R.N.: <u>0D19/28.5</u>	
Signed: <u>[Signature]</u>	
Date: <u>JAN 30, 2017</u>	

PV 0957 (06/04) NOTE: SEE THE ATTACHMENT FOR THE SCOPE OF REGISTRATION
[Signature]
JAN 30/17



MASON INDUSTRIES INC.

350 RABRO DR.
HAUPPAUGE, NY
11788

19-Jan-17

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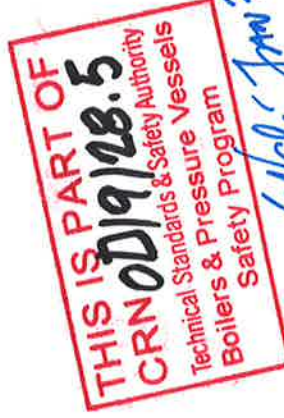
SCOPE OF CRN REGISTRATION

Product Description	Mason Model	Design Code	Size Range	MAWP at 400F	End Connection	Material Specification	MDMT	Design Report
Housed Expansion Joint with Fixed and Floating Flanges	HEJFFL	ASME B31.3 EJMA 10TH Edition	2" thru 4"	200 psig	150 Lb. RF	ASTM A53-E/B C.Steel ASTM A36 C.Steel ASTM A105 C.Steel ASTM A240-304/304L S.Steel	-20F	R-0649
			5" thru 12"	150 psig	Flange (Note 1)			
			14"	125 psig				
Housed Expansion Joint with Buttweld End Connections	HEJW	ASME B31.3 EJMA 10TH Edition	2" thru 4"	200 psig	Buttweld (Note 2)			
			5" thru 12"	150 psig				
			14"	125 psig				

Note 1: Flanges with a pressure class greater than class 150 Lb. may be used but in all cases the pressure-temperature ratings are limited to the values stated in the "MAWP at 400F" column above.

Note 2: Minimum buttweld pipe schedule to be as follows:

- Sizes 2" thru 10": Schedule 40 per ASME B36.10M
- Sizes: 12" and 14": Sch. Standard per ASME B36.10M.



Walter Jim 20/17