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TECHNICAL STANDARDS & SAFETY AUTHORITY  
345 CARLINGVIEW DRIVE  
TORONTO ON M9W 6N9

**Date:** February 22, 2017  
**Account #:** 35231  
**Journal #:** 67370  
**Our File #:** 5611953

**Attn:** TANYA FRANCIS

**Re:** Application for Design Registration

The design, as detailed in your, TSSA SR# 2026944, for a Fitting is accepted for registration as follows:

**Registered To:** MASON INDUSTRIES INC      **CRN:** 0D19128.51

**MDMT:** -20 deg F

**MAWT:** 400 deg F

**Drawing #:** Report R-0649

**Drawing Revision:** 0

**Conditions Of Registration:**

Reg'n of HEJFFL (Flanged) & HEJW (Butt-Weld) Expansion Joints per scope of registration shts (2 pgs).

This design was registered based on a technical review performed by the province of initial registration in accordance with the Association of Chief Inspectors policy on reciprocal recognition of design review.

**Reviewer's Notes:**

As required by CSA B51 4.2.1, this registration expires on January 30, 2027. This CRN is valid until the expiry date as long as the Manufacturer maintains a valid quality control program verified by an acceptable third-party agency until that date. Should the certification of the quality control program lapse before the expiry date, this registration shall become void.

Contact me if you have any questions. The invoice for registration will be forwarded under separate cover.

SHARON PETERS

boiler.designregistration@safetyauthority.ca  
Design Administration

**cc:**



**MASON INDUSTRIES INC.**  
 350 RABRO DR.  
 HAUPPAUGE, NY  
 11788

19-Jan-17

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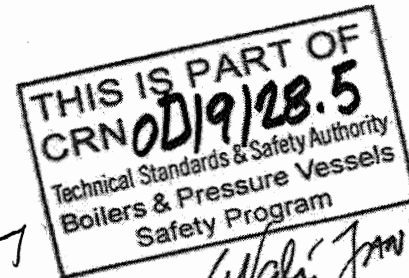
**SCOPE OF CRN REGISTRATION**

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 Flange (Note 1)	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				
			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)	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				
			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.



*Uthali Jan 30/17*