



345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org

October 02, 2017

CATHERINE DIPLOCK
PRESSURE VESSEL ENGINEERING LTD.
120 RANDALL DR SUITE B
WATERLOO ON N2V 1C6
CA

Service Request Type: BPV-Fitting Registration
Service Request No.: 2134418
Your Reference No.: PVE-11157
Registered to: MARSHALL EXCELSIOR COMPANY

Dear CATHERINE DIPLOCK,

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

CRN No.: 0H17820.25
Main Design No.: Bell Housings size 2, 3, 4 & 6 inch (see attachment to the Statutory Declaration Form for full scope of registration)
Expiry Date: 4-Jul-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 Specialist BPV
Tel.: 416-734-3494
Fax: 416-231-1626
Email: mvalcic@tssa.org



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, Franco J Doming Vice President
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Marshall Excelsior Company
(Name of Manufacturer)

Located at 1506 George Brown Drive, Marshall, MI, 49068
(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

(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 ASME B31.3 2016 Ed. 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, TRC.

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

Scope of Registration 11157s-0, Burst Test Report, Calculations, Drawings, QC Certificate
(drawings, calculations, test reports, etc.)

Declared before me at Calhoun County in the State of Michigan

the 5 day of July AD 2017

Commissioner for Oaths:

Jennifer Modert
(Printed name)

Jennifer Modert
(Signature)

JENNIFER MODERT
 Notary Public, State of Michigan
 County of Calhoun
 My Commission Expires Jan. 22, 2020
 Acting in the County of Calhoun

[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 H1.

CRN: OH17820.25

Registered by: MARK VALCIC, P. ENG.

Dated: OCT. 2, 2017

NOTE: This registration expires on: July 24, 2027

Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety Program

REGISTERED

CRN: OH17820.25

Signed: [Signature]

Date: OCT. 2, 2017

PN 09553 (03/10) NOTE: SEE THE ATTACHMENT FOR THE SCOPE OF REGISTRATION. [Signature] OCT. 2, 2017



Marshall Excelsior Company – Scope Of Registration – Bell Housings

11157s-0

Design Data:

- **Design Code:** ASME B31.3 2016 Edition
- **Design Pressure:** 400 psi
- **Design Temperature:** 250°F
- **M.D.M.T:** -20 °F @ 400 psi
- **Corrosion allowance:** 0 - for non-corrosive service
- **RT:** None
- **PWHT:** None
- **Hydrotest:** 600psi @ 70°F
- **Body Material:** ASTM A536 65-45-12

Models Encompassed:

- MEP889-16
- MEP889-24
- MEP990-2DFM
- MEP990-3DFM
- MEP990-4DFM
- MEP990-6DFM

Analysis:

- Burst test report: 17010152
- Calculations; PVEc-11157c-0

QC: ISO9001:2008 and Notarized Statutory Declarations



Wahle Oct. 2/17