



Inspection and Technical Services Manitoba

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www.firecomm.gov.mb.ca/codes_steam_pressure.html

March 17, 2017

Pressure Vessel Engineering
120 Randall Dr. Suite B
Waterloo, ON
N2V 1C6

Attn: Catherine Diplock

REGISTRATION OF VALVES AND FITTINGS

Manufacturer: MARSHALL EXCELSIOR COMPANY

The design(s) for the following Valves/Fittings has been received by us and has been examined and accepted for registration in the Province of Manitoba as follows.

DRAWING / CATALOGUE	CRN	FILE
SCOPE: 10718S-1 REV.0 ADAPTER ASSEMBLIES	0H18922.54	37402

An invoice covering survey and registration fees is enclosed.

NOTE:** CRN registered under reciprocal agreement & is conditional based on compliance with the notes set by the original issuing Jurisdiction: TSSA. This registration expires **November 14, 2026.

This registration is valid until the indicated expiry date only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date. Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

The registration of this design does not relieve the manufacturer, the owner or his agent of the responsibility for the design or construction of a fitting in accordance with the applicable Acts, Codes and Standards. Inspection and Technical Services assumes no responsibility by registering designs, examining plans and/or inspecting equipment or facility.

Regards,

Ryan Orlesky, C.E.T.

Design Surveyor
Office of the Fire Commissioner
Inspection and Technical Services Manitoba
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MANITOBA

DEPARTMENT OF LABOUR
AND IMMIGRATION
500 - 401 York Avenue
Winnipeg, Manitoba R3C 0P8



STATUTORY DECLARATION REGISTRATION OF FITTINGS

(a) **Design Qualification**

1. FRANCO DOMINICO
(See Note 2)

VICE PRESIDENT

(Position e.g.: president, plant manager, chief eng.)

of Marshall Excelsior Company
(Name of company)

located at 1506 George Brown Drive, Marshall, Michigan 49068, USA
(Plant Address)

do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act,

comply with all the requirements of the ANSI/ASME codes as to their dimensions.

or

- are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with
ASME B31.3 2014 EDITION code or standard, and are designed to the best current
engineering practice, as shown by the supporting test data.

(b) **Quality Control of Manufacture**

I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of
ISO, and has been verified by the following authority or authorized agency TRC Inc.
9001:2008

The fittings covered by this declaration, for which I seek registration, are Adaptor Assemblies

In support of the application, the following information, calculations and/or test data are attached:

Scope of registration: 10718s-1 R0

Declared before me at Calhoun County in the province/state of MICHIGAN the 4
day of October AD 20 16

A (commissioner for oaths)

Jennifer Modert

[Signature]
Signature of Declarer

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

(For Official Use Only)

The application is accepted for registration in Category H in accordance with the Boilers and Pressure Vessels Act
and CSA Standard B51.

This registration must be revalidated after ten (10) years from the date of acceptance.

EXPIRES NOVEMBER 14, 2026

Registered Number CRN 0H18922.54 For the Chief Inspector

[Signature] Date: MARCH 17, 2017

Notes:

- (1) This form shall be completed and signed by the president or highest official in the manufacturing plant where the fitting is produced.
- (2) Two completed copies of Statutory Declaration form together with two copies of Catalogs, drawings or Bulletins illustrating above fittings shall be submitted.
- (3) All fittings are required to be registered in the name of the Manufacturer.

10718s-1 R0 Scope of Registration

Design Data

Design Code: ASME B31.3 2014 Edition

Design Pressure: 250 psi

Design Temperature For Steel: 180 °F

Design Temperature For Brass: 100 °F

M.D.M.T: -44 °F @ 250 psi

M.D.M.T: -20 °F @ 250 psi (for ASTM #A536 all grades)

Corrosion allowance: 0, for non-corrosive service

RT: None

PWHT: None

Impact test: Exempted per 323.2.2



Supporting Documents:

Calculation report: 10718c-1 R0

Scope of registration (including drawing numbers) is specified in following pages:

10718s-1 R0 Scope of Registration (Page 2 of 5)

TYPE 1		
Assembly Drawing #	Material	
	Body	ACME Nut
ME100	C36000	C36000
ME101	C36000	C36000
ME110	C36000	C36000
ME110C	C36000	C37700
ME111	C36000	C36000
ME111C	C36000	C37700
ME111SC	12L14	ASTM#A536 Grade 805506
ME111S	12L14	12L14
ME112	C36000	C36000
ME112C	C36000	C37700
ME112S	12L14	12L14
ME112SC	12L14	ASTM#A536 Grade 805506
ME113SC	12L14	ASTM#A536 Grade 805506
ME120	C36000	C37700
ME120S	12L14	ASTM#A536 Grade 805506
ME120WR	C36000	C37700
ME121S	12L14	ASTM#A536 Grade 805506
ME130	C36000	C37700
ME130B	C36000	C37700
ME130BWR	C36000	C37700
ME130WR	12L14	C37700
ME130S	12L14	ASTM#A536 Grade 654512
ME130SA	12L14	ASTM#A536 Grade 654512
ME130SWR	12L14	ASTM#A536 Grade 654512
ME130EXTWR	12L14	C37700
ME130AWR	12L14	C37700
ME130A	12L14	C37700
ME140	C36000	C36000
ME141	C36000	C36000
ME141S	12L14	12L14
ME150	C36000	C36000
ME150C	C36000	C37700
ME150S	12L14	12L14
ME151	C36000	C36000
ME151S	12L14	12L14
ME160	12L14	C377000
ME160S	12L14	ASTM#A536 Grade 805506
ME229	C36000	C36000
ME229S	12L14	12L14
ME229F	C36000	C37700
ME229FS	12L14	ASTM#A536 Grade 805506
ME431FX	C36000	C37700
ME431FSX	12L14	ASTM#A536 Grade 805506
ME431R	C36000	C37700
ME441FX	C36000	C37700
ME441FSX	12L14	ASTM#A536 Grade 654512
ME441R	C36000	C37700
ME441RS	12L14	ASTM#A536 Grade 654512

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TYPE 2	
Assembly Drawing #	Material
ME192	C36000
ME193	C36000
ME209	C36000
ME209S	12L14
ME210	C36000
ME211	C36000
ME212	C36000
ME213	C36000
ME213S	12L14
ME214	C36000
ME214S	12L14
ME215	C36000
ME215S	12L14
ME216	C36000
ME216S	12L14
ME217	C36000
ME217S	12L14
ME217J	C36000
ME217SJ	12L14
ME233	C36000
ME233S	12L14
ME233J	C36000
ME233SJ	12L14
ME250	C36000
ME251	C36000
ME252-16	C36000
ME252S-16	12L14
ME262	C36000
ME262S	12L14
ME270	C36000
ME273	C36000
ME273S	12L14
ME275	C36000
ME275S	12L14
ME277	C36000
ME277S	12L14
ME498-4/2	C36000
ME498-6/3	C36000
ME502-12/8	C36000
ME502-16/10	C36000
ME502S-16/10	12L14
ME502-16/12	C36000
ME503-16	C36000
ME503J-16	C36000
ME503JB-16	C36000
ME503JS-16	12L14
ME503SJ-16	12L14
ME503SJS-16	12L14
ME503-20	C36000
ME508-24	C36000
ME508S-24	ASTM #A536 Grade 604018
ME520S-8	12L14
ME521S-4	12L14

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TYPE 3	
Assembly Drawing #	Material
ME635-4	12L14
ME635G-4	12L14
ME635-6	12L14
ME635G-6	12L14
ME635-8	12L14
ME635G-8	12L14
ME635-10	12L14
ME635G-10	12L14
ME646-4	12L14
ME646-6	12L14
ME646-8	12L14
ME646-10	12L14

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TYPE 4		
Assembly Drawing #	Material	
	Body	ACME Screw
ME442	CA 360 BRASS	C37700
ME611	C37700	C36000
ME611S	ASTM#A536 Grade 805506	12L14
ME612X	C37700	C36000
ME612SX	ASTM#A536 Grade 654512	12L14
ME614	C37700	C36000
ME614S	ASTM#A536 Grade 654512	12L14

