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www.tssa.org

October 27, 2016

RYAN MCLACHLAN SLEEGERS ENGINEERED PRODUCTS INC 5 CUDDY BLVD LONDON ON N5V 3Y3 CA

Service Request Type:BPV-Fitting RegistrationService Request No.:1961788Your Reference No.:JMS16007Registered to:MARSHALL EXCELSIOR COMPANY

Dear RYAN MCLACHLAN,

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

CRN No.:

Expiry Date:

0C17158.25

Main Design No.:

Valve series ME99XX - See the attachment to the Statutory Declaration ME-100 Valve List Rev. 1, size 1-1/4" through 6" 13-Oct-2026

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: <u>mvalcic@tssa.org</u>



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 DECLA	ARATION						
Registration of Fitt							
I, Franco J. Domingo, Vice President							
,, (Name and Position, e.g. President, Plant Manager, 0	Chief Engineer)						
of Marshall Excelsior Company							
(Name of Manufacturer)							
Located at 1506 George Brown Dr, Marshall, MI 49068, United States	269-789-6700	269-781-8340					
(Plant Address)	(Telephone No.)	(Fax No.)					
do solemnly declare that the fittings listed hereunder, which are subject to the <i>Technical Standards and Safety Act</i> , Boilers and Pressure Vessels Regulation, comply with all of the requirements of ASME B31.3							
(Title of recognized North American Standar		and a first to the t					
which specifies the dimensions, materials of construction, pressure/temperature r	atings, identification markin	ig the fittings and service;					
or are not covered by the provisions of a recognized North American stand							
as supported by the attached data wh pressure/temperature ratings and the basis for such ratings, the marking of t							
I further declare that the manufacture of these fittings is controlled by a quality system which has been verified by the following authority, T.R.C.	em meeting the requirem	ents of ISO 9001					
The items covered by this declaration, for which I seek registration, are category C per M	IE-100 VALVE LIST R.1	type fittings In support of					
this application, the following information and/or test data are attached as follows:							
Proof test results and design calculations.							
(drawings, calculations, test reports, etc.)							
Declared before me at Marshall in the	State	ofMichigan					
	State	ofMichigan					
the day of AD 20_16	Nota	JENNIFER MODERT ry Public, State of Michigan County of Calbour					
the <u>28</u> day of <u>June</u> AD 20 <u>16</u> . Commissioner for Oaths:	Nota My Ce	JENNIFER MODERT ry Public, State of Michigan County of Calhoun mmission Expless Jan. 22, 2020					
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ME-100 Valve List

All of the valves in the following list are of excess flow type. Per Table 1 of CSA B51, the category that these fittings belong to is category "C".

Part Number		End Connection Type	Body Material Specification	Rated Pressure (psi)	MDMT (°F)	Design T (°F)
ME990-10	1-1/4"	F X M NPT	ASTM A216 Gr. WCC	400	-20	150
ME992-10	1-1/4"	F X F X M NPT	ASTM A351 CF8M	400	-20	150
ME991-10	1-1/4"	M NPT X Custom Flange	ASTM A351 CF8M	400	-20	150
ME990-16	2"	F X M NPT	ASTM A395 GR. 60-40-18	400	-20	150
ME992-16	2"	F X F X M NPT	ASTM A395 GR. 60-40-18	400	-20	150
ME991-16	2"	M NPT X 300# Flange	ASTM A395 GR. 65-45-12	400	-20	150
ME990-24	3"	F X M NPT	ASTM A395 GR. 60-40-18	400	-20	150
ME992-24	3"	F X F X M NPT	ASTM A395 GR. 60-40-18	400	-20	150
ME991-24	3"	M NPT X 300# Flange	ASTM A395 GR. 65-45-12	400	-20	150
ME990S-2DFM	2"	300# X 300# Flange	ASTM A216 Gr. WCC	400	-20	150
ME990S-2F-16	2"	F NPT X 300# Flange	ASTM A216 Gr. WCC	400	-20	150
ME993S-16	2"	300# X 300# X 300# Flange	ASTM A216 Gr. WCC	500	-20	150
ME994S-2F-16	2"	300# X Custom Flange	ASTM A216 Gr. WCC	400	-20	150
ME990S-3F-24	3"	F NPT X 300# Flange	ASTM A216 Gr. WCC	400	-20	150
ME993S-24	3"	300# X 300# X 300# Flange	ASTM A216 Gr. WCC	500	-20	150
ME994S-3F-24	3"	300# X Custom Flange	ASTM A216 Gr. WCC	400	-20	150
ME990S-3DF	3"	300# X 300# Flange	ASTM A216 Gr. WCC	500	-20	150
ME990S-3DFM	3"	300# X 300# Flange	ASTM A216 Gr. WCC	500	-20	150
ME990S-3DFO	3"	300# X 300# Flange	ASTM A216 Gr. WCC	500	-20	150
ME990-4F	4"	300# Custom Flange	ASTM A351 CF8M	500	-20	150
ME990S-4DFM	4"	300# X 300# Flange	ASTM A216 Gr. WCC	500	-20	150
ME990S-6DFM	6"	300# X 300# Flange	ASTM A216 Gr. WCC	1 500	-20	150

*NOTE: Other than for fittings ME992-10, ME991-10, ME990-4F, the stainless steel option listed is outside of the scope of this registration

Boilers & Pressure Vessels Safety Program

ME-100 Valve List Rev. 1.docx