9410 - 20 Ave N.W.

Edmonton, Alberta, Canada T6N 0A4

Tel: (780) 437-9100 / Fax: (780) 437-7787

May 13, 2021

Attention: Ryan McLachlan

SLEEGERS ENGINEERED PRODUCTS INC

5 CUDDY BOULEVARD LONDON, ON N5V 4S1

The design submission, tracking number 2021-01558, originally received on March 23, 2021 was surveyed and accepted for registration as follows:

 CRN:
 0H21477.2
 Accepted on: May 13, 2021

 Reg Type:
 NEW DESIGN
 Expiry Date: May 13, 2031

Drawing No.: SCOPE OF FITTING DESIGN REGISTRATION

Fitting type: SAFETY RELIEF VALVE MANIFOLDS: ME902, ME903, ME904 Design registered in the name of : MARSHALL EXCELSIOR COMPANY

The registration is conditional on your compliance with the following notes:

- ** The safety relief valves that are installed into the manifolds must have a valid Alberta CRN (category G fitting) suitable for the pressure and temperature rating
- ** Pneumatic test as per ASME Section VIII Div.1 para. UG-100, and ASME B31.3 para. 345.5
- ** Design code for ME90XSN-3F and ME90XSN-4F: ASME Section VIII Div.1 and ASME B31.3
- ** Design code for ME90XS-16X: ASME B31.3

As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction are SECTION VIII, DIV. 1 and ASME B31.3.

- It is our understanding that the fitting(s), included as the scope of this submission, that is(are) subject to the Safety Codes Act shall comply with the requirements of the indicated Standard or Code of Construction on the AB-41 Statutory Declaration as supported by the attached data which identifies the dimensions, materials of construction, press./temp. ratings and the basis for such ratings, and the identification marking of the fittings.
- This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form.
- This registration is valid only until the indicated expiry date and 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.

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3337 or fax (780) 437-7787 or e-mail Dick@absa.ca.

Sincerely,



9410 - 20 Ave N.W. Edmonton, Alberta, Canada T6N 0A4 Tel: (780) 437-9100 / Fax: (780) 437-7787

May 13, 2021

DICK, ASHLING, P. Eng. DOP Cert. No. D00007936

2021-01558 Page 2 of 2





STATUTORY DECLARATION Registration of Fittings Single or Multiple Fitting Designs within one Fitting Category

I, <u>J</u> a	imes C. Zuck	Director of Marketing and Reg. Compliance	In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.
of M	(name of applicant) arshall Excelsior Company	(position title) (must be in a position of authority)	MFC
locate	d at 1506 George Brown Drive	e of manufacturer) e, Marshall, Michigan 49068 USA	
		plant address) Industrial displayments of the Safety and the safety are subject to the Safety	Codes Act
X	comply with the requirements of	ANSI / UL 132 which (title of recognized North American Standard)	specifies the dimensions,
	materials of construction, pressu	ure/temperature ratings and identification mar	king of the fittings, or
	are not covered by the provisions	s of a recognized North American standard ar	nd are therefore
	manufactured to comply with(title	as of code of construction or other applicable document)	supported by the
	attached data which identifies the	e dimensions, materials of construction, press	sure/temperature ratings
	and the basis for such ratings, ar	nd the identification marking of the fittings.	
verifie	d as described in the below Table	these fittings is controlled by a quality contro as being suitable for the manufacturing of the other applicable document. The fittings cover	ese fittings to the stated
		I in the Supplementary Sheet(s) attached.	•

Quality Program Verification and Manufacturing Sites

A copy of the Quality Certificate from each manufacturing site must be included

Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	Relief Valve Manifolds, ME902, ME903, & ME904	ISO 9001	Valves for Gas and Fluid Systems	10/21/2021	The Registrar Company (TRC)	1506 George Brown Drive, Marshall, MI, US
2.						

Tracking #:	2021-01558





In support of this application, the following information, calculations and/or test data are attached: UL Certificate of Compliance, UL Test Reports for File MH46024, and additional supporting calculations (Signature of the Declarer) DECLARED before me at _____ (a Commissioner of Oaths or Notary Public) (expiry date (mm/dd/yy)) Commissioner of Oaths / Notary Public in and for: ______(province, territory, or state) For ABSA Office Use Only: NOTES: ** See attached scope of fitting design registration ** Safety Relief Valve Manifolds: ME902, ME903, ME904 To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA **ABSA** Standard B51, Part 1, Clause 4.2, and is accepted for registration in Category____ SAFETY CODES ACT - PROVINCE OF ALBERTA **ACCEPTED: 0H21477.2** See acceptance letter for conditions of registration. Date: 2021-05-13 By: The Sm like Registered Date: ASHLING DICK, P. Eng. This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of Expiry Date: _____ the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act. (Signature of the Administrator/SCO) The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the

Pressure Equipment Discipline





Table 1 – Scope of Fitting Design Registration

Type of fittings & Model Numbers & Standard of Construction	Relief Valve Manifolds - Models ME90XS-16X/250, ME90XS-16X/250HN, , ME90XS-16X/250VM, ME90XS-16X/265, ME90XS-16X/265HN, , ME90XS-16X/265VM, ME90XSN-3F/250VM, ME90XSN-3F/265VM, ME90XSN-4F/250VM, ME90XSN-4F/265VM - ANSI/UL 132, Latest Edition			
Pressure Setting & Sizes	have a set pressure of 250 psig and model numbers denoted with "/265", i.e. ME90XX/265XX, have a set pressure of 265 psig. Models denoted with "-16", "-3F" and "-4F" are NPS 2", 3",			
Material Specifications	and 4", respectively ME90XS-16X: Design code: ASME B31.3 • ASTM A536 Gr. 65-45-12 (Body) • ASTM A536 Gr. 65-45-12 (Bonnet) ME90XSN-3F and ME90XSN-4F: Design code: ASME Service ASTM A395 Gr. 60-40-18			
Valve Ends	Models denoted with "-16" are threaded (Male NPT) and models denoted with "-3F" and "-4F" are flanged (ANSI 300#)			

2021-01558

ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA

ACCEPTED: 0H21477.2

See acceptance letter for conditions of registration.

Date: 2021-05-13 By: /

ASHLING DICK, P. En

This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.

Section VIII Div.1 & ASME B31.3

Tracking #: 2021-01558

Appendix 1 – Drawings

Model Number	Description	Drawing Number
ME90XSN-3F	Assembly	ME90XX-XF-XXX Rev. J
3" Relief Valve Manifold	Body	ME904S-3F-01-01 Rev. L ME904S-01-01 Rev. E (Casting)
Iviarillolu	Liquid Vent	MEJ402S Rev. J
	Valve	Registered under CRN 0C19405.5C
	Gland and	ME904S-08 Rev. A (Lower Stem Bearing)
	Packing	ME904S-03 Rev. A (Gland Seat Gasket)
		ME904S-04 Rev. A (Gland)
		ME904S-028 Rev. A (Valve Seat Gasket)
		ME904SN-01 Rev. C (Clapper Seat)
		ME904S-05 Rev. A (Rotary Cam)
		ME904S-06 Rev. B (Stem Cap Screw)
		ME904S-09 Rev. A (Gland Spring)
		ME904S-010 Rev. A (Male Adapter, V-Packing)
		ME904S-011 Rev. A (V-Packing)
		ME904S-012 Rev. A (Gland Bearing)
		ME904S-013 Rev. A (Upper Stem Bearing)
	Datamilyahia	ME904S-014-01 Rev. C (Stem Gear)
	Rotary Valve	ME904S-07 Rev. A (Assembly)
	Assembly	ME904S-07-07 Rev C (Stem)
		ME904S-07-01 Rev. B (Arm) ME904S-07-02 Rev. B (Pilot Stem)
		ME904S-07-02 Rev. A (Curved Disk Spring)
		ME904S-07-05 Rev. A (Pilot Seal)
		ME904S-07-04 Rev. C (Clapper)
		ME904S-029 Rev. A (Leaf Spring)
		ME904S-06 Rev. B (Leaf Spring Cap Screw)
	Nameplates	ME904S-031 Rev. A (Nameplate)
		ME904S-030 Rev. A (Installation Nameplate)
	Gasket	ME904S-027 Rev. B (Installation Gasket)
ME90XSN-4F	Body	ME904S-4F-01-01 Rev. L
		casting
4" Relief Valve		
Manifold		are the same as ME90XSN-3F
ME90XS-16X Assembly ME904S-16X-XXX Rev. D		ME904S-16X-XXX Rev. D
2" Relief Valve	Bonnet	ME904S-16-102-01 Rev. K
Manifold		ME904S-16-102-02 Rev. E (Casting)
	Body	ME904S-16-101-01 Rev. H
		ME904S-16-101-02 Rev. D (Casting)

		,
	in O-ring	ME904SX-16-107 Rev. F
Sea	al	
Scr	ew	ME904S-16-109 Rev. A
		McMaster-Carr Specification Sheet for Part
		Number 91274A312
Liqu	uid Vent	MEJ402S Rev. J
Val	ve	Registered under CRN 0C19405.5C
Gla	ind and	ME904S-08 Rev. A (Lower Stem Bearing)
Pac	cking	ME904S-03 Rev. A (Gland Seat Gasket)
		ME904S-04 Rev. A (Gland)
		ME904S-09 Rev. A (Gland Spring)
		ME904S-010 Rev. A (Male Adapter, V-Packing)
		ME904S-011 Rev. A (V-Packing)
		ME904S-012 Rev. A (Gland Bearing)
		ME904S-013 Rev. A (Upper Stem Bearing)
		ME904S-014-01 Rev. C (Stem Gear)
Cla	pper	ME904SX-16-903 Rev. B (Assembly)
Ass	sembly	ME904S-07-07 Rev C (Stem)
		ME904S-16-103 Rev. C (Arm)
		ME980-10-153 Rev. A (Inside Clapper Washer)
		ME904S-07-02 Rev. B (Pilot Stem)
		ME904S-07-03 Rev. A (Curved Disk Spring)
		ME904S-07-05 Rev. A (Pilot Seal)
		ME904SX-16-111 Rev. B (Clapper-Bonded)
		ME904S-16-111-01 Rev. B (Clapper)
		ME904S-029 Rev. A (Leaf Spring)
		ME904S-06 Rev. B (Leaf Spring Cap Screw)
Nar	meplates	ME904S-16-112 Rev. B (Nameplate)
		ME904S-16-115 Rev. A (Installation Nameplate)
		ME904S-16-116 Rev. A (Removal Nameplate)



This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.



Suite 600 - 2889 E 12th Ave Vancouver, BC V5M 4T5

Toll Free: 1-866-566-7233 www.technicalsafetybc.ca

ALBERTA BOILERS SAFETY ASSOCIATION 9410 20 AVENUE NW EDMONTON AB T6N 0A4

Date: May 31, 2021 Account #: 34986

Journal #: 78032

Attn: NATHALIE DUGO

Re: Application for Design Registration

The design, as detailed in your, marshall 2021-01558, for a Fitting is accepted for registration as follows:

Registered To: MARSHALL EXCELSIOR COMPAN' CRN: 0H21477.21

Drawing #: Scope of Registration Drawing Revision: -

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:

Scope of Registration: SCOPE OF FITTING DESIGN REGISTRATION

As required by CSA B51 4.2.1, this registration expires on 13-May-2031. 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. Any additional conditions of registration stated in ABSA CRN# 0H21477.2 registration shall apply to BC registration.

(PROD) 30400-20 GST #: 87391 2802 RT0001



Toll Free: 1-866-566-7233 www.technicalsafetybc.ca

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

Emilia Tam

emilia.tam@technicalsafetybc.ca Design Administration

cc:

(PROD) 30400-20 GST #: 87391 2802 RT0001



2202 2nd Avenue Regina, SK S4R 1K3 Canada 1 (866) 530-8599 info@tsask.ca www.tsask.ca

REGISTRATION OF A PRESSURE FITTING DESIGN

02-Jun-21

ABSA 9410 20th Avenue NW Edmonton, AB T6N 0A4

Attention: Nathalie Dugo File Number: 12054 [0 F]

Re: Manufacturer: Marshall Excelsior Company
Item: Safety Reflief Valve Manifolds

Catalog or Drawing: Per Scope of Registration & Drawings Appendix 1

TSASK Codes and Standards Compliance has registered the design listed above in accordance with The Boiler and Pressure Vessel Act and Regulations and CSA B51. The Canadian Registration Number (CRN) is:

OH21477.23 Expiry Date: May 13, 2031

Please note that every fitting shall be constructed in strict accordance with the registered design.

Fitting registrations are required to be resubmitted for validation after ten (10) years from the registration date in accordance with CSA B51, Clause 4.2.1.

Should you require anything further, please do not hesitate to contact the Codes and Standards Compliance Office at your convenience.

Yours truly,

Athan Syrgiannis, P.Eng.

Codes and Standards Compliance

Remarks:

A valid quality control program must be maintained at the production facility for the fitting registration to remain valid until the expiry date.

Conditional upon compliance with the notes on the original ABSA registration. Registered design codes per ABSA registration letter.

Due to COVID-19 restrictions, this registration is conditional based on TSASK receiving a valid Statutory Declaration that has been witnessed and signed by a Commissioner of Oaths or a Notary Public at your earliest convenience.





STATUTORY DECLARATION Registration of Fittings Single or Multiple Fitting Designs within one Fitting Category

I, <u>J</u>	ames C. Zuck ,	Director of Marketing and Reg. Compliance	In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.
of M	(name of applicant) farshall Excelsior Company	(position title) (must be in a position of authority)	MFC
		e of manufacturer)	
iocat	CONTRACTOR	, Marshall, Michigan 49068 USA	
		d hereunder, which are subject to the Safety	Codes Act
X	comply with the requirements of	ANSI / UL 132 which (title of recognized North American Standard)	specifies the dimensions,
	materials of construction, pressu	re/temperature ratings and identification man	king of the fittings, or
	are not covered by the provisions	of a recognized North American standard an	nd are therefore
	manufactured to comply with(title o	as f code of construction or other applicable document)	supported by the
	attached data which identifies the	dimensions, materials of construction, press	sure/temperature ratings
		d the identification marking of the fittings.	
l furtl	ner declare that the manufacture of	these fittings is controlled by a quality contro	I program which has been
verifi	ed as described in the below Table a	as being suitable for the manufacturing of the	ese fittings to the stated
		ther applicable document. The fittings cover	
which	n I seek registration are as provided	in the Supplementary Sheet(s) attached.	

Quality Program Verification and Manufacturing Sites

A copy of the Quality Certificate from each manufacturing site must be included

Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	Relief Valve Manifolds, ME902, ME903, & ME904	ISO 9001	Valves for Gas and Fluid Systems	10/21/2021	The Registrar Company (TRC)	1506 George Brown Drive, Marshall, MI, US
2.						

-	11		
Tracking	I II.		
Hacking	TT.		





III. Certificate of Compliance III. Test Peneds for File M	
UL Certificate of Compliance, UL Test Reports for File M	H46024, and additional supporting
calculations	
	3/8/2021
(Signature of the Declarer)	(Date)
DECLARED before me at in the	of
(city)	(province, territory, or state)
this day of,(Yea	ar)
(mint)	,
(a Commissioner of Oaths or Notary Public)	
(sign) (a Commissioner of Oaths or Notary Public)	
(a Commissioner of Oaths or Notary Public)	
(expiry date (mm/dd/yy))	
Commissioner of Oaths / Notary Public in and for:	(province, territory, or state)
For ABSA Office Use Only:	
NOTES:	
To the best of my knowledge and belief, the application	
meets the requirements of the Safety Codes Act and CSA Standard B51, Part 1, Clause 4.2, and is accepted for	
registration in Category	Technical
	Safety Authority of Saskatchewan
CRN:	Registration No. OH21477.23
	File No. 12034
Registered Date:	Date: June 2, 2021
	Expiry Date: May 13, 2031
Expiry Date:	Codes & Standards Compliance Office
	As noted - refer to registration letter
Signature: (Signature of the Administrator/SCO)	-
(Signature of the Administrator/SCO)	
The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Pressure Equipment Discipline	



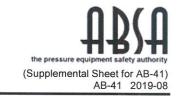


Table 1 – Scope of Fitting Design Registration

Type of fittings & Model Numbers & Standard of Construction	Relief Valve Manifolds - Models ME90XS-16X/250, ME90XS-16X/250HN, , ME90XS-16X/250VM, ME90XS-16X/265, ME90XS-16X/265HN, , ME90XS-16X/265VM, ME90XSN-3F/250VM, ME90XSN-3F/265VM, ME90XSN-4F/250VM, ME90XSN-4F/265VM - ANSI/UL 132, Latest Edition
Pressure Setting & Sizes	Model numbers denoted with "/250", i.e. "ME90XX/250XX", have a set pressure of 250 psig and model numbers denoted with "/265", i.e. ME90XX/265XX, have a set pressure of 265 psig. Models denoted with "-16", "-3F" and "-4F" are NPS 2", 3",
Material Specifications	and 4", respectively ME90XS-16X: • ASTM A536 Gr. 65-45-12 (Body)
	 ASTM A536 Gr. 65-45-12 (Bonnet) ME90XSN-3F and ME90XSN-4F: ASTM A395 Gr. 60-40-18
Valve Ends	Models denoted with "-16" are threaded (Male NPT) and models denoted with "-3F" and "-4F" are flanged (ANSI 300#)

	Technical Safety Authority of Saskatchewan
Registration No	OH21477.23
File No	12054
	Registered
Date:	June 2, 2021
Expiry Date:	May 13, 2031
Codes &	Standards Compliance Office

Appendix 1 – Drawings

	Model Number	Description	Drawing Number
	ME90XSN-3F	Assembly	ME90XX-XF-XXX Rev. J
	3" Relief Valve	Body	ME904S-3F-01-01 Rev. L
	Manifold		ME904S-01-01 Rev. E (Casting)
	a.mora	Liquid Vent	MEJ402S Rev. J
		Valve	➤ Registered under CRN 0C19405.5C
		Gland and	ME904S-08 Rev. A (Lower Stem Bearing)
		Packing	ME904S-03 Rev. A (Gland Seat Gasket)
		J	ME904S-04 Rev. A (Gland)
			ME904S-028 Rev. A (Valve Seat Gasket)
	Technical Safety Autho	prity	ME904SN-01 Rev. C (Clapper Seat)
	of Saskatchev	van ´	ME904S-05 Rev. A (Rotary Cam)
-	tion No. OH21477.23 12054		ME904S-06 Rev. B (Stem Cap Screw)
File No.	Registered		ME904S-09 Rev. A (Gland Spring)
Date:	June 2, 2021		ME904S-010 Rev. A (Male Adapter, V-Packing)
Expiry D	ate: May 13, 2031		ME904S-011 Rev. A (V-Packing)
	Codes & Standards Compliance Office	е	ME904S-012 Rev. A (Gland Bearing)
			ME904S-013 Rev. A (Upper Stem Bearing)
			ME904S-014-01 Rev. C (Stem Gear)
		Rotary Valve	ME904S-07 Rev. A (Assembly)
		Assembly	ME904S-07-07 Rev C (Stem)
			ME904S-07-01 Rev. B (Arm)
			ME904S-07-02 Rev. B (Pilot Stem)
			ME904S-07-03 Rev. A (Curved Disk Spring)
			ME904S-07-05 Rev. A (Pilot Seal)
			ME904S-07-04 Rev. C (Clapper)
			ME904S-029 Rev. A (Leaf Spring)
		Namentatas	ME904S-06 Rev. B (Leaf Spring Cap Screw)
		Nameplates	ME904S-031 Rev. A (Nameplate)
		Gasket	ME904S-030 Rev. A (Installation Nameplate)
	MEDOVONIAE		ME904S-027 Rev. B (Installation Gasket)
	ME90XSN-4F	Body	ME904S-4F-01-01 Rev. L
	- 4" Relief Valve		casting
	Manifold	All other drawings	a ore the same as MEGOVEN 2E
1 2 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.			s are the same as ME90XSN-3F ME904S-16X-XXX Rev. D
	ME90XS-16X	Assembly	INICAU49-10V-VVV KGA. D
	2" Relief Valve	Bonnet	ME904S-16-102-01 Rev. K
	Manifold	2311100	ME904S-16-102-02 Rev. E (Casting)
	Iviailiolu	Body	ME904S-16-101-01 Rev. H
			ME904S-16-101-02 Rev. D (Casting)
	L	I.	

	Main O sing	ME004CV 46 407 Day E
	Main O-ring	ME904SX-16-107 Rev. F
_	Seal	NEO040 40 400 B
	Screw	ME904S-16-109 Rev. A
		McMaster-Carr Specification Sheet for Part
		Number 91274A312
	Liquid Vent	MEJ402S Rev. J
 	Valve	Registered under CRN 0C19405.5C
	Gland and	ME904S-08 Rev. A (Lower Stem Bearing)
	Packing	ME904S-03 Rev. A (Gland Seat Gasket)
		ME904S-04 Rev. A (Gland)
		ME904S-09 Rev. A (Gland Spring)
		ME904S-010 Rev. A (Male Adapter, V-Packing)
		ME904S-011 Rev. A (V-Packing)
		ME904S-012 Rev. A (Gland Bearing)
		ME904S-013 Rev. A (Upper Stem Bearing)
		ME904S-014-01 Rev. C (Stem Gear)
	Clapper	ME904SX-16-903 Rev. B (Assembly)
	Assembly	ME904S-07-07 Rev C (Stem)
	-	ME904S-16-103 Rev. C (Arm)
		ME980-10-153 Rev. A (Inside Clapper Washer)
		ME904S-07-02 Rev. B (Pilot Stem)
		ME904S-07-03 Rev. A (Curved Disk Spring)
		ME904S-07-05 Rev. A (Pilot Seal)
		ME904SX-16-111 Rev. B (Clapper-Bonded)
		ME904S-16-111-01 Rev. B (Clapper)
		ME904S-029 Rev. A (Leaf Spring)
		ME904S-06 Rev. B (Leaf Spring Cap Screw)
	Nameplates	ME904S-16-112 Rev. B (Nameplate)
	·	ME904S-16-115 Rev. A (Installation Nameplate)
		ME904S-16-116 Rev. A (Removal Nameplate)





Inspection and Technical Services
Municipal Relations
508-401York Ave
Winnipeg, Manitoba Canada R3C 0P8
T 204-945-3373 F 204-948-2089
www.fireccomm.gov.mb.ca/itsm_main

1er juin 2021

ABSA 9410-20 Avenue NW Edmonton, AB T6N 0A4

Dear Nathalie Dugo

Re: Reciprocal CRN Registration in Manitoba

Your application indicates that a CRN has been received in another Canadian Jurisdiction, and therefore your CRN has been registered in Manitoba as follows:

File Number: 74-R1551 CRN: 0H21477.24

Scope: SOR: Apendix 1 - Drawings ME90XX-XF-XXX Rev J and

ME904S-16X-XXX Rev D

Manufacturer: Marshall Excelsior Company

Expiry Date: 13 May 2031

Please find attached invoice for registration.

As indicated by the Regulatory Reconciliation and Cooperation Table and the Reconciliation Agreement for the Canadian Registration Number (CRN) for Pressure Equipment, a CRN issued in any Canadian Jurisdiction will be accepted for use in Manitoba.

In accordance with Steam and Pressure Plants Regulation and CSA B51, it is the manufacturer's responsibility to file a Manufacturers Data Report, including partial data reports, with our office, prior to shipping pressure equipment to Manitoba.

Please contact qasupport@gov.mb.ca for any questions or concerns.

Inspection and Technical Services Municipal Relations 508 - 401 York Avenue, Winnipeg Manitoba R3C 0P8 T (204) 945-3373 | F (204) 948-2089



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

www.tssa.org

July 27, 2021

ALBERTA BOILERS SAFETY ASSOCIATION 9410 20 AVE NW EDMONTON AB T6N 0A4

Workorder Type: Registration - Fitting(Conventional)

Workorder No: 8017358

Your Reference No.: PORTAL#2021-S0573, 2021-01558 - CRN#0H21477.2 - SAFETY RELIEF VALVE

MANIFOLDS ME-902, ME-903, ME-904 - MARSHALL EXCELSIOR COMPANY

Registered to: MARSHALL EXCELSIOR COMPANY

Dear NATHALIE DUGO,

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

CRN: 0H21477.25

Main Design No.: Safety Relief Valve Manifolds: ME902, ME903, ME904 per Scope of Fitting Design Registration

Expiry Date: May 13, 2031

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

Note: The safety relief valves that are installed into the manifolds must have a valid Ontario CRN (category G fitting) suitable for the pressure and temperature rating

The stamped copy of the approved registration and the invoice are mailed separately (There will be no hard copies for electronic submissions). 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,

Zivko Gacevic , P. Eng. Engineer, BPV

Tel.: +1 416-734-3429 Email: zgacevic@tssa.org





STATUTORY DECLARATION Registration of Fittings Single or Multiple Fitting Designs within one Fitting Category

I, <u>J</u>	ames C. Zuck ,	Director of Marketing and Reg. Compliance	In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.				
of M	(name of applicant) farshall Excelsior Company	(position title) (must be in a position of authority)	MFC				
		e of manufacturer)					
iocat	CONTRACTOR	, Marshall, Michigan 49068 USA					
		d hereunder, which are subject to the Safety	Codes Act				
X	comply with the requirements of	ANSI / UL 132 which (title of recognized North American Standard)	specifies the dimensions,				
	materials of construction, pressu	re/temperature ratings and identification man	king of the fittings, or				
	are not covered by the provisions	of a recognized North American standard an	nd are therefore				
	manufactured to comply with(title o	as f code of construction or other applicable document)	supported by the				
	attached data which identifies the	dimensions, materials of construction, press	sure/temperature ratings				
		d the identification marking of the fittings.					
I further declare that the manufacture of these fittings is controlled by a quality control program which has been							
verified as described in the below Table as being suitable for the manufacturing of these fittings to the stated							
standard, regulation, code, guideline or other applicable document. The fittings covered by the declaration for							
which	which I seek registration are as provided in the Supplementary Sheet(s) attached.						

Quality Program Verification and Manufacturing Sites

A copy of the Quality Certificate from each manufacturing site must be included

Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	Relief Valve Manifolds, ME902, ME903, & ME904	ISO 9001	Valves for Gas and Fluid Systems	10/21/2021	The Registrar Company (TRC)	1506 George Brown Drive, Marshall, MI, US
2.						

-	11		
Tracking	I II.		
Hacking	TT.		



Tracking #:_



UL Certificate of Compliance, UL Test Reports for File MH46024, and additional supporting					
calculations	in 140024, and additional supporting				
(Signature of the Declarer)	3/8/2021 (Date)				
DECLARED before me at in the	of (province, territory, or state)				
this day of,(Yea	ar)				
(print)(a Commissioner of Oaths or Notary Public)					
(sign) (a Commissioner of Oaths or Notary Public)					
(expiry date (mm/dd/yy))					
Commissioner of Oaths / Notary Public in and for:	(province, territory, or state)				
For ABSA Office Use Only:					
NOTES:					
To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Part 1, Clause 4.2, and is accepted for registration in Category 'H'	Technical Boilers and Standards Pressure Vessels and Safety Safety Program Authority				
CRN:	REGISTERED				
Registered Date:	C.R.N.: 0H21477.25				
Expiry Date: May 13, 2031	Signed: Jacus Zolo Date: July 27, 2021.				
Signature:					
(Signature of the Administrator/SCO)					
The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Pressure Equipment Discipline					





Table 1 – Scope of Fitting Design Registration

Relief Valve Manifolds - Models ME90XS-16X/250, ME90XS-16X/250VM, ME90XS-16X/250VM, ME90XS-16X/265HN, , ME90XS-16X/265VM, ME90XS-16X/265VM, ME90XSN-3F/265VM, ME90XSN-4F/250VM, ME90XSN-4F/265VM – ANSI/UL 132, Latest Edition	Model numbers denoted with "/250", i.e. "ME90XX/250XX", have a set pressure of 250 psig and model numbers denoted with "/265", i.e. ME90XX/265XX, have a set pressure of 265 psig.	Models denoted with "-16", "-3F" and "-4F" are NPS 2", 3", and 4", respectively	ME90XS-16X:	ME90XSN-3F and ME90XSN-4F: • ASTM A395 Gr. 60-40-18	Models denoted with "-16" are threaded (Male NPT) and models denoted with "-3F" and "-4F" are flanged (ANSI 300#)
Type of fittings & Model Numbers & Standard of Construction	Pressure Setting & Sizes		Material Specifications		Valve Ends

THIS IS PART OF CRN

0H21477.25

Technical Standards and Safety Authority Boilers and Pressure Vessels Safety Program

THIS IS PART OF CRN

0H21477.25

Technical Standards and Safety Authority

Boilers and Pressure Vessels Safety

Program

Appendix 1 – Drawings

Model Number	Description	Drawing Number		
ME90XSN-3F	Assembly	ME90XX-XF-XXX Rev. J		
3" Relief Valve Manifold	Body	ME904S-3F-01-01 Rev. L ME904S-01-01 Rev. E (Casting)		
Warmora	Liquid Vent	MEJ402S Rev. J		
	Valve	Registered under CRN 0C19405.5C		
	Gland and	ME904S-08 Rev. A (Clared Scatt Cooker)		
	Packing	ME904S-03 Rev. A (Gland Seat Gasket)		
		ME904S-04 Rev. A (Gland) ME904S-028 Rev. A (Valve Seat Gasket)		
		ME904SN-01 Rev. C (Clapper Seat)		
		ME904S-05 Rev. A (Rotary Cam)		
		ME904S-06 Rev. B (Stem Cap Screw)		
		ME904S-09 Rev. A (Gland Spring)		
		ME904S-010 Rev. A (Male Adapter, V-Packing)		
		ME904S-011 Rev. A (V-Packing)		
		ME904S-012 Rev. A (Gland Bearing)		
		ME904S-013 Rev. A (Upper Stem Bearing)		
		ME904S-014-01 Rev. C (Stem Gear)		
	Rotary Valve	ME904S-07 Rev. A (Assembly)		
	Assembly	ME904S-07-07 Rev C (Stem)		
		ME904S-07-01 Rev. B (Arm)		
		ME904S-07-02 Rev. B (Pilot Stem)		
		ME904S-07-03 Rev. A (Curved Disk Spring)		
		ME904S-07-05 Rev. A (Pilot Seal)		
		ME904S-07-04 Rev. C (Clapper)		
		ME904S-029 Rev. A (Leaf Spring)		
	Namanlatas	ME904S-06 Rev. B (Leaf Spring Cap Screw)		
	Nameplates	ME904S-031 Rev. A (Nameplate) ME904S-030 Rev. A (Installation Nameplate)		
	Gasket	ME904S-027 Rev. B (Installation Gasket)		
ME90XSN-4F	Body	ME904S-4F-01-01 Rev. L		
—	Body	casting		
4" Relief Valve		oueg		
Manifold All other drawings are the same as ME90X		are the same as ME90XSN-3F		
ME90XS-16X	Assembly	ME904S-16X-XXX Rev. D		
2" Relief Valve	Bonnet	ME904S-16-102-01 Rev. K		
Manifold		ME904S-16-102-02 Rev. E (Casting)		
	Body	ME904S-16-101-01 Rev. H		
		ME904S-16-101-02 Rev. D (Casting)		

	Main O sing	ME004CV 46 407 Day E
	Main O-ring	ME904SX-16-107 Rev. F
_	Seal	NEO040 40 400 B
	Screw	ME904S-16-109 Rev. A
		McMaster-Carr Specification Sheet for Part
		Number 91274A312
	Liquid Vent	MEJ402S Rev. J
 	Valve	Registered under CRN 0C19405.5C
	Gland and	ME904S-08 Rev. A (Lower Stem Bearing)
	Packing	ME904S-03 Rev. A (Gland Seat Gasket)
		ME904S-04 Rev. A (Gland)
		ME904S-09 Rev. A (Gland Spring)
		ME904S-010 Rev. A (Male Adapter, V-Packing)
		ME904S-011 Rev. A (V-Packing)
		ME904S-012 Rev. A (Gland Bearing)
		ME904S-013 Rev. A (Upper Stem Bearing)
		ME904S-014-01 Rev. C (Stem Gear)
	Clapper	ME904SX-16-903 Rev. B (Assembly)
	Assembly	ME904S-07-07 Rev C (Stem)
	-	ME904S-16-103 Rev. C (Arm)
		ME980-10-153 Rev. A (Inside Clapper Washer)
		ME904S-07-02 Rev. B (Pilot Stem)
		ME904S-07-03 Rev. A (Curved Disk Spring)
		ME904S-07-05 Rev. A (Pilot Seal)
		ME904SX-16-111 Rev. B (Clapper-Bonded)
		ME904S-16-111-01 Rev. B (Clapper)
		ME904S-029 Rev. A (Leaf Spring)
		ME904S-06 Rev. B (Leaf Spring Cap Screw)
	Nameplates	ME904S-16-112 Rev. B (Nameplate)
	·	ME904S-16-115 Rev. A (Installation Nameplate)
		ME904S-16-116 Rev. A (Removal Nameplate)

THIS IS PART OF CRN

0H21477.25

Technical Standards and Safety Authority

Boilers and Pressure Vessels Safety

Program



Montréal, le 31 mai 2021.

MRS. NATHALIE DUGO ABSA 9410 - 20 AVENUE N.W. EDMONTON ALBERTA CANADA T6N 0A4

Manufacturer: MARSHALL EXCELSIOR COMPANY

1506 GEORGE BROWN DRIVE

MARSHALL MI U.S.A. 49068

OUR REFERENCE: 949474

Design number: SCOPE OF FITTING DESIGN REGISTRATION

Subject: Design registration confirmation

Hi,

We wish to inform you that your design registration application has been evaluated and that it was registered under the following Canadian Registration Number (CRN): **0H21477.26.**

The following is a reminder of your obligations regarding certain requirements of the regulation respecting pressure vessels, and the referenced codes and standards:

- The manufacturer must maintain a valid quality control program to manufacture equipment according to the CRN.
- The CRN remains valid as long as there are no changes to the design calculations that might affect the pressure boundary. The design registration of fittings expires 10 years after acceptance. It must, therefore, be resubmitted for validation.
- The manufacturer shall submit a copy of the *Manufacturer's Data Report* to us for each equipment manufactured according to this CRN within 30 days following the signing of this report.
- The drawing number and the revision number registered under this CRN must be indicated on the *Manufacturer's Data Report* for equipment manufactured according to the CRN.

This notice of approval does not relieve the manufacturer of their responsibilities with respect to the design or fabrication of equipment manufactured according to this CRN.

Yours sincerely,

Bureau d'expertise et d'homologation en équipements sous pression

Montréal



Montréal, 31 mai 2021.

MADAME NATHALIE DUGO ABSA 9410 - 20 AVENUE N.W. EDMONTON ALBERTA CANADA T6N 0A4

Fabricant: MARSHALL EXCELSIOR COMPANY

1506 GEORGE BROWN DRIVE

MARSHALL MI U.S.A. 49068

Numéro de dossier : 949474

Numéro(s) de dessin(s): SCOPE OF FITTING DESIGN REGISTRATION

Objet: Enregistrement des plans et devis - Confirmation de l'enregistrement

Bonjour,

Nous vous informons que votre demande d'enregistrement de plans et devis a été traitée et que cette conception a été enregistrée sous le numéro d'enregistrement canadien (NEC\CRN) suivant : **0H21477.26.**

Nous portons votre attention sur certaines exigences réglementaires concernant les installations sous pression, ainsi que des codes et normes qui y sont associés :

- Le fabricant doit maintenir un programme de contrôle de la qualité valide pour fabriquer un équipement selon ce NEC;
- Ce numéro d'enregistrement demeure valide tant et aussi longtemps que les paramètres de conception demeurent inchangés. Dans le cas d'accessoires, l'enregistrement est valide pour une durée de 10 ans à partir de la date de conception doivent alors être resoumis pour validation;
- Le fabricant doit nous transmettre une copie de l Déclaration de conformité du constructeur (Manufacturer's Data Report) pour chaque appareil ou chaudière fabriqué selon ce NEC dans les 30 jours suivant la signature de cette déclaration;
- Le numéro de dessin enregistré et le numéro de révision doivent être indiqués sur la déclaration de conformité pour les équipements fabriqués selon ce NEC.

Le présent avis d'approbation ne dégage pas le fabricant de ses responsabilités quant à la conception ou à la construction des équipements ou d'accessoires fabriqués selon un NEC.

Bureau d'expertise et d'homologation en équipements sous pression

Montréal

545, boul. Crémazie Est, 7ième étage Montréal (Québec) H2M 2V2 Téléphone : 514 873-6459 Sans frais : 1 866 262-2084

www.rbq.gouv.qc.ca

Statutory Declaration Registration of Fittings

Building Act (B-1.1) Regulation respecting pressure vessels (B-1.1, r. 6.1) Boiler, pressure vessel, and pressure piping code (CSA B51)

This declaration must be filled out and sent to the Régie du bâtiment du Québec (RBQ) by pressure fitting manufacturers when they make an application registration for fittings.

For more information on the application registration for fittings, consult the www.rbg.gouv.gc.ca/fittings-pv.

1. Fittings to register

List the fittings included in this declaration and that you wish to register.

Nº	Description	Additional information (detail, calculations or approval sheets)
1	Relief Valve Manifolds, ME902, ME903, ME904	UL CofC, UL Test Reports, Supporting Design Calculations
2		
3		
4		
5		

2. Declaration of the person in charge

The person in charge is someone in a position of authority, such as a vice-president, a plant manager or a chief engineer.

2.1 Design						
I, the u	ndersigned,	James	C. Zuck	Director of Marketing and Regulatory Compliance		
		(Name of the per	son in charge)	(Title of the person in charge)		
from _	Marsall E	xcelsior Company	, located at150	6 George Brown Drive, Marshall, Michigan 49068 USA		
	(Company's name)			(Plant's address)		
hereby	declare that t	he above-mentioned fitti	ngs and subject to the	e Regulation respecting pressure installations:		
or com	ply with the r	equirements of the ANS	I/ASME codes as to t	heir dimensions, identification, material and purpose		
are	not covered b	by the ANSI/ASME code	s, but are in complian	ce with ANSI / UL 132		
		,	o, sacaro in compilari	(Name of code or standard)		
code or	standard and	d are designed according	g to the best current e	engineering practice, as proven by the enclosed approval report.		
2.2 Manufacturing quality control						
I furthe	declare that	the manufacture of these	e fittings is controlled	by a quality control program that complies with the requirements of the		
	g code:	ISO 9001	d has been verified b	The Pegistrar Company (TPC)		
	(Name of code)		(Authorized agency)		
Signatu	re of the pers	on in charge:	5	Date (yyyy-mm-dd): 2021 / 05/17		
		1//				

3. Declaration of commissioner for oaths

I certify that this declaration has been administered before me, at 1 and 1 an	(Location), on 2021-05-17 (Date (yyyy-mm-dd)):
Signature of commissioner for oaths: Harrea William	Date (yyyy-mm-dd): 2021 06 - 17
Stamp the seal:	
PAMELA WILLISON Notary Public, State of Michigan County of Branch My Commission Expires 07-03-2024 Acting in the County of Collicum	

4. Registration confirmation (for RBQ's use only)

As far as I know, this application complies with the requirements of the Act and with standard CSA B51, Part 1, section 4.2, and is accepted for registration in the class This registration expires in ten (10) years after the date of registration indicated above, and it must be validated again after this period.				
Canadian registration number (CRN):	Registration date (yyyy-mm-dd):	chediene au Quele		
	0H21477.26 26 mai 2021	Régie du bâtiment Québec 🌣 🛠		
		Perue par la RBQ		

Documents to attach

Any application registration for fittings must include these documents:

- Statutory Declaration Registration of Fittings (2 copies)
- Detailed calculations or burst test report (1 copy)
- Detailed technical drawings or catalogues (2 copies)
- Example of the manufacturer's marking (1 copy)
- Proof that a valid and approved quality control program has been implemented (1 copy)
- Form Application for design registration (1 copy)

Sending the form

This declaration is necessary to submit an application for design registration. Design registration applications must be sent by email only to enregistrementdesplans@rbq.gouv.qc.ca.

Documents must be in PDF format and in separate files.





Table 1 – Scope of Fitting Design Registration

Type of fittings & Model Numbers & Standard of Construction	Relief Valve Manifolds - Models ME90XS-16X/250, ME90XS-16X/250HN, , ME90XS-16X/250VM, ME90XS-16X/265HN, , ME90XS-16X/265VM, ME90XSN-3F/250VM, ME90XSN-3F/250VM, ME90XSN-3F/265VM, ME90XSN-4F/250VM, ME90XSN-4F/265VM – ANSI/UL 132, Latest Edition
Pressure Setting & Sizes	Model numbers denoted with "/250", i.e. "ME90XX/250XX", have a set pressure of 250 psig and model numbers denoted with "/265", i.e. ME90XX/265XX, have a set pressure of 265 psig.
Material Specifications	Models denoted with "-16", "-3F" and "-4F" are NPS 2", 3", and 4", respectively ME90XS-16X:
- L	ME90XSN-3F and ME90XSN-4F:
Valve Ends	Models denoted with "-16" are threaded (Male NPT) and models denoted with "-3F" and "-4F" are flanged (ANSI 300#)



UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS.

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADORS
MANUFACTURERS NAME:	Marshall Excelsior Comp	any	
MANUFACTURERS ADDRE	SS: 1506 George Brown Drive	, Marshall, Michigan 49068 USA	
PLANT LOCATIONS:		, Marshall, Michigan 49068 USA	
A Pipe filtings, including con B Flanges: all flanges C Valves: all fine valves D Expansion joints, flexible E Strainers, filters, separate	uplings, tees, elbows, Ys, plugs, connections, and hose assembling, and steam traps	es: all types	Three of the Standard of Construction ANSI / UL 132, Standard for Safety Relief Valves for Anhydrous Ammonia and LP-Gas
G Certified capacity-rated p boilers, pressure vessels	ling pressure gauges, level gaug ressure relief devices acceptable piping and fusible plugs ments that do not fall into one of	as primary over pressure protection o	n ·
		(Meeting CNSC or ASME requirement	ts)
SHOW MANUFACTURERS	NAME, TRADEMARK, OR LOG	O AS IT WILL APPEAR ON THE PRO	DDUCT TYPE OF CONSTRUCTION FORGED CI WELDED CI WROUGHT CI CAST WO OTHER CI DESCRIBE OTHER:
LIST OF SUPPORTING DO UL Certificate of Compliance	CUMENTATION AND IDENTIFIED, UL Test Reports for File MH46	CATION OF THE ACTUAL ITEMS TO 3024, Supporting Design Calculations	BE REGISTERED:
my knowledge represents temperature ratings, and id manufacture of these fitting or in part and has been verdeclaration conscientiously Signature of Declarer: Declared before me at	of the end product do solen the product for which registra- lentification markings are in a ps is regulated by a Quality C rified by The Registrar Compar	nnly declare that the information of atton is sought. The dimensions, naccordance with the herein named control Program which extends to as being suitable to the same force with the same force. PAME Notary Publication Notary Publication Output Output Notary Publication Output Ou	and being the person having full authority and contained in this form is true and to the best of naterials of construction, pressure standards. I further declare that the each plant where fabrication occurs in whole of that purpose and I make this solemn and effect as if made under oath. LA WILLISON C. State of Michigan F. D. E. A. I on Expires 07-03-2024 County of County
TI	This s is registration must be reval	pace for Regulatory Authority use idated after ten (10) years from the	e date of acceptance
CRN: 0H21477.2		PROVI	NCE OF PRINCE EDWARD ISLAND IUNITIES, LAND & ENVIRONMEN'T
FID#: 2089 Relief valve manifolds.	ME90XS-16X (D.C. ASM		0421477.29

	T DECLARATION FORM		
NEW BRUNSWICK YUKO		WEST TERRITORIES	NEWFOUNDLAND AND LABRADORD
MANUFACTURERS NAME: Marsh	hall Excelsior Company		
MANUFACTURERS ADDRESS: 1506	George Brown Drive, Marshall, M	lichigan 49068 USA	The state of the s
PLANT LOCATIONS: 1506 (George Brown Drive, Marshall, M	ichigan 49068 USA	
CATEGORY OF FITTINGS TO	BE REGISTERED. CIRCLE ON	E CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including couplings, tees 8 Flanges: all flanges C Valves: all tine valves	s, eibows, Ys, plugs, unions, pipe (ANSI / UL 132, Standard for Safety Relief Valves for Anhydrous Ammoni and LP-Gas
 Expansion joints, flexible connections, Strainers, filters, separators, and stear Measuring devices, including pressure pressure transmitters 	m traps	ses, levels, or	
G Certified capacity-rated pressure relies boilers, pressure vessels, piping and it Pressure retaining components that de	fusible plugs		
N Nuclear components: Class 1 Class			
SHOW MANUFACTURERS NAME, TRA			TYPE OF CONSTRUCTION
MEC.			FORGED WELDED WROUGHT CAST OTHER DESCRIBE OTHER:
UL Certificate of Compliance, UL Test Re			
DECLARATION: James C. Zuck esponsibility for the quality of the end my knowledge represents the product emperature ratings, and identification manufacture of these fittings is regular or in part and has been verified by The fectaration conscientiously believing i	t for which registration is sough markings are in accordance white the sough sted by a Quality Control Programmer (TRC)	that the information containe ht. The dimensions, material with the herein named stands ram which extends to each pl as being suitable for th	s of construction, pressure ards. I further declare that the ant where fabrication occurs in who at purpose and I make this solamn
Signature of Declarer: Declared before me at Marehall Mich. This 17 day of May Commissioner of Oaths or Notary Public: (sign)	AD 2021	PAMELA WI Notary Public, Star Cogner of B My Commission Expl Acting in the Coun	LLISON อ ดั เทียะที่เอ็ต E FO E เชตุดุค A L G E A L res 07-03-2024 ty of (ลไม่สมา
	This space for Regi		
CRN: 0H21477.2	tion must be revalidated after		of acceptance.

FID#: 2089
Relief valve manifolds: ME90XS-16X (D.C. ASME B31.3);
ME90XSN-3F & ME90XSN-4F (ASME Sec.VIII, Div.1 & B31.3)
Notes: 250psig (i.e. ME90XX/250XX),265psig (i.e. ME90XX/
1. All fittings shall be registered in the name of the Manufacturer.265XX) 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.

3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.

4. Quality control programs shall be resubmitted for validation

at a maximum interval of five (5) years.

CRN expires May 13th. 2031 - DG

REGULATIONS Rev 1 06/2003

UNIFORM STAT	UTORY DECLARATION	N FORM FOR THE REGIS	STRATION	OF FITTING DESIGNS
NEW BRUNSWICK	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIE		EWFOUNDLAND AND LABRADOB
MANUFACTURERS NAME:	Marshall Excelsior Compar	ny		
MANUFACTURERS ADDRESS	: 1506 George Brown Drive,	Marshall, Michigan 49068 USA		
PLANT LOCATIONS:		Marshall, Michigan 49068 USA		
CATEGORY OF FITT A Pipe fittings, including coupli B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible cor	ngs, tees, elbows, Ys, plugs, u		LY	ANSI / UL 132, Standard for Safety Relief Valves for Anhydrous Ammonia and LP-Gas
E Strainers, filters, separators, F Measuring devices, including pressure transmitters G Certified capacity-rated press boilers, pressure vessels, pi H Pressure retaining componen	and steam traps pressure gauges, level gauge sure relief devices acceptable ping and fusible plugs	as, sight glasses, levels, or as primary over pressure protect	tion on	
N Nuclear components: Class			ements)	
SHOW MANUFACTURERS NA	ME, TRADEMARK, OR LOGO	AS IT WILL APPEAR ON THE	PRODUCT	TYPE OF CONSTRUCTION FORGED WELDED WROUGHT CAST OTHER DESCRIBE OTHER:
my knowledge represents the temperature ratings, and iden manufacture of these fittings or in part and has been verified declaration conscientiously be Signature of Declarer:	f the end product do solemn product for which registrati itification markings are in act is regulated by a Quality Co ed by The Registrar Company elieving it to be true, and ke	nly declare that the information is sought. The dimension coordance with the herein nation of the extending (TRC) as being subserving that it is of the same for the same of t	on contained ns, materials med standar s to each pla uitable for tha force and effect MELA WILL State County of Braission Expire the County	ds. I further declare that the nt where fabrication occurs in whole t purpose and I make this solemn ect as if made under oath. LISON OF Michigan France Nouveau Nouveau Nouveau Nouveau Nouveau Nouveau Nouveau
This	AND DESCRIPTION OF THE PROPERTY OF THE PROPERT	ace for Regulatory Authority use dated after ten (10) years fro	BOI	PT OF JUSTICE PUBLIC SAFETY LER & PRESSURE VESSEL ACT facceptance.
		, , ,		REGISTRATION ONLY
CRN: <u>0H21477.2</u>	_			PN OH21477,27
FID#: 2089 Relief valve manifolds. M ME90XSN-3F & ME90XS Notes: 250psig (i.e. ME90X 1. All fittings shall be registered 2. Each category shall be supp forms and one copy of supporti 3. The declaration shall be made to the supportion of the support of	N-4F (ASME Sec.VIII, Di XX/250XX),265psig (i.e. d in the name of the Manufactu ported with two Statutory Decla ng documentation. de by the person having full au	iv.1 & B31.3) ME90XX/ urer.265XX) ration		Dan Quis CHIEF BOILER INSPECTOR DATE 5/28/21
responsibility for the quality of t 4. Quality control programs sha at a maximum interval of five (5	all be resubmitted for validation	1	□BLRs	Sect. P.VS Fittings Rev. 1 06/2003

CRN expires May 13th, 2031 - DG

DESTRUCTION NUCLEAR COMPONENTS

UNIFORM STATUTORY DECLARATION FORM F

STREET OF THE ST	JK THE REGISTRATION	OF FITTING DESIGNS
NEW BRUNSWICK NOVA SCOTIA PRINCE		NEWFOUNDLAND AND LABRADOBO
MANUFACTURERS NAME: Marshall Excelsior Company	i	
MANUFACTURERS ADDRESS: 1506 George Brown Drive, Marshall, Mic	higan 49068 USA	
PLANT LOCATIONS: 1506 George Brown Drive, Marshall, Mic	higan 49068 USA	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe ca B Flanges: all flanges C Valves: all line valves	CATEGORY ONLY	ITLE OF THE STANDARO OF CONSTRUCTION ANSI / UL 132, Standard for Safety Relief Valves for Anhydrous Ammonia and LP-Gas
D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasse pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over boilers, pressure vessels, piping and fusible places	er pressure protection on	
(H) Pressure retaining components that do not fall into one of the above cate	gories	
N Nuclear components: Class 1 □ Class 2 □ Class 3 □, (Meeting CNS)	C or ASME requirements)	
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL.	APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION
MEC.		FORGED WELDED WROUGHT CAST MOTHER DESCRIBE OTHER:
DECLARATION: James C. Zuck (see note 3) employed by Marshall Expressionsibility for the quality of the end product do solemnly declare the my knowledge represents the product for which registration is sought temperature ratings, and identification markings are in accordance with manufacture of these fittings is regulated by a Quality Control Program or in part and has been verified by The Registrar Company (TRC) declaration conscientiously believing it to be true, and knowing that it Signature of Declarer: Declared before me at Magerial Michigan This 17 day of May AD 2021 Commissioner of Oaths or Notary Public: (sign)	nat the information contained. The dimensions, materials the herein named standar m which extends to each plate as being sultable for the is of the same force and efforce an	in of construction, pressure rds. I further declare that the soft where fabrication occurs in whole at purpose and I make this soft made under oath. LISON Of Michigan FOR A I STAIL BS 07-03-2024
This space for Regula This registration must be revalidated after ter	tory Authority use	
CRN: 0H21477.2	to years nom the date o	Newfoundland Labrador
2000		Service NL
FID#: 2089 Relief valve manifolds. ME90XS-16X (D.C. ASME B31.3); ME90XSN-3F & ME90XSN-4F (ASME Sec.VIII, Div.1 & B31.3); Notes: 250psig (i.e. ME90XX/250XX),265psig (i.e. ME90XX/ 1. All fittings shall be registered in the name of the Manufacturer.265XX) 2. Each category shall be supported with two Statutory Declaration	Da En	gistered <u>OH 21477.20</u> te <u>21/06/03</u> gineering and Inspection Services
forms and one copy of supporting documentation.		gistered by X. May
The declaration shall be made by the person having full authority and responsibility for the quality of the end product.		UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND
Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	TH	E BOILER, PRESSURE VESSEL AND
CPN expires May 13th 2031 DC	C	OMPRS60ED.CAFREIGSTREVOND6/2003

CRN expires May 13th, 2031 - DG

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK	NOVA SCOTIA			TOT FITTING DESIGNS
NUNAVUT	YUKON	NORTHWEST T		NEWFOUNDLAND AND LABRADORS
MANUFACTURERS NAME:	Marshall Excelsior Compa	any		
MANUFACTURERS ADDRE				
PLANT LOCATIONS:	1506 George Brown Drive	, Marshall, Michigan 4	9068 USA	
A Pipe fittings, including cou B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible of E Strainers, filters, separator Measuring devices, including pressure transmitters Certified capacity-rated proboilers, pressure vessels,	ng pressure gauges, level gaug essure relief devices acceptable	unions, pipe caps, or r es: all types es, sight glasses, leve e as primary over press	educers Is, or	TITLE OF THE STANDARD OF CONSTRUCTION ANSI / UL 132, Standard for Safety Relief Valves for Anhydrous Ammonia and LP-Gas
	is 1 □ Class 2 □ Class 3 □,		ME requirements)	
MEC	AME, TRADEMARK, OR LOG			TYPE OF CONSTRUCTION FORGED WELDED WROUGHT CAST OTHER DESCRIBE OTHER:
LIST OF SUPPORTING DOC	UMENTATION AND IDENTIFI UL Test Reports for File MH46	CATION OF THE ACT	UAL ITEMS TO BE RE	GISTERED:
my knowledge represents the temperature ratings, and ide manufacture of these fittings or in part and has been verified declaration conscientiously. Signature of Declarer: Declared before me at Ma	of the end product do solem te product for which registra entification markings are in a a is regulated by a Quality Compan believing it to be true, and k perfall Michigan AD 202	tion is sought. The accordance with the control Program whice v (TRC) as asseming that it is of the control Program which it is of the control Program which is so the control Program which is so that it is of the control Program with the control Program which is a control Progr	information containe dimensions, material herein named standa h extends to each pl being suitable for th ne same force and ef PAMELA WII Notary Public, stan Cognty of B My Commission Expi cting in the Coun	ards. I further declare that the ant where fabrication occurs in whole at purpose and I make this solemn fect as if made under oath. LLISON of Michigan FOR
FID#: 2089 Relief valve manifolds. ME90XSN-3F & ME90XSN-3	TE90XS-16X (D.C. ASMI SN-4F (ASME Sec.VIII, D DXX/250XX),265psig (i.e. and in the name of the Manufact operated with two Statutory Declaring documentation, and by the person having full and the end product, and be resubmitted for validations) years.	E B31.3); Div.1 & B31.3) ME90XX/ urer.265XX) aration uthority and	years from the date of BY	0H21477.2Y 05/28/2021

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK	NOVA SCOTIA YUKON	NORTHWEST TE		CHEWFOUNDLAND AND LABR	ADORD
MANUFACTURERS NAME:	Marshall Excelsior Compa	пу			
MANUFACTURERS ADDRE	ss: 1506 George Brown Drive	, Marshall, Michigan 4	9068 USA		
PLANT LOCATIONS:	1508 George Brown Drive,	Marshall, Michigan 49	9068 USA		
CATEGORY OF FI	TTINGS TO BE REGISTERED.	CIRCLE ONE CATE	ORY ONLY	TITLE OF THE STANDARD OF CON	STRUCTION
C Valves: all line valves	plings, tees, elbows, Ys, plugs, t		iducers	ANSI / UL 132, Standard for S Relief Valves for Anhydrous A and LP-Gas	Safety Vmmonia
E Strainers, filters, separators F Measuring devices, includir	onnections, and hose assemblia s, and aleam traps 19 pressura gauges, level gauge		s, or		
pressure transmitters G Certifled capacity-rated pre	ssure relief devices acceptable	as primary over pressu	ure protection on		
H Pressure retaining compon	ents that do not fall into one of ti	he above categories			
N Nuclear components: Clas	s 1 🗆 Class 2 🗆 Class 3 🔾, ((Meeting CNSC or ASI	ME requirements)		
SHOW MANUFACTURERS N	AME, TRADEMARK, OR LOGO	AS IT WILL APPEAR	ON THE PRODUC	TYPE OF CONSTRUCTION	-
(MEC)				FORGED WELDED WROUGH CAST OTHER DESCRIBE OTHER	et 🗆
UL Certificate of Compliance	UMENTATION AND IDENTIFIC UL Test Reports for File MH460	ATION OF THE ACTU	Calculations	REGISTERED:	
,	-4 1001110pond 1011 110 111 1400	er, ouppoining Dasigi	Calculations		
	•				

DECLARATION:					
James C. Zuck	(see note 3) employed b	y Marshall Excelsior (ompany and t	being the person having full auth	ority and
my knowledge represents the	or the end product do solemn s product for which registration	ily declare that the in	nformation contain	ned in this form is true and to the ials of construction, pressure	e best of
temperature ratings, and ider	ntification markings are in ac	cordance with the h	erein named stan	dards I further declare that the	
manufacture of these fittings	is regulated by a Quality Co.	ntrol Program which	extends to each	plant where fabrication occurs is	n whole
or in part and has been verifi-	ed by The Registrar Company	(TRC) as b	eing suitable for	that purpose and I make this so effect as if made under oath.	lemn
decidiation consciented by o	Birdving it to be title And Riv	ewing that it is of the	same force and	enect as it made under oath.	
Signature of Declarer:					
Declared before me at Man	Hall-Machigan		PAMELA W	/ILLISON Ste St Michiga 문 F 이 ::	
This 17 day of Me	AD 2021			Brenchal DEAL	
Commissioner of Oaths	1.101	М	y Commission Ex	pires 07-93-2024	
or Notary Public: (sign)	Inela//////	Ac	ting in the Cou	ary or Callidua	
	This spa	ce for Regulatory Auth	ority use		1-00
This	registration must be revalida			of actionice.	63.00
CRN: 0H21477.2			North	lerritories	
FID#: 2089		/	RE	GISTERED	
ME90XSN-3F & ME90XS	E90XS-16X (D.C. ASME N-4F (ASME Sec.VIII, Div	B31.3); /.1 & B31.3)	UNDER T	HE AUTHORITY OF	
Notes: 250psig (i.e. ME90)	(X/250XX),265psig (i.e. N	ME90XX/ 1	THE BOILE	ER AND PRESSURE	11
All fittings shall be registered Each category shall be supp	in the name of the Manufacture orted with two Statutory Declara	er.265XX) \	V	#21477.21	
forms and one copy of supporting	ng documentation.		C.H.NC	The state of the s	
	to by the person having full auth	nority and	SIGNED	2000	×
responsibility for the quality of the duality control programs shall be a control programs of the control program of the control progra			DATE	me 31 704	10
at a maximum interval of five (5) years.		1	Sect. 1.0 Altings Rev. 10	6/2003
CRN expires May 13th, 20	31 - DG				THE PROPERTY OF THE PARTY OF TH

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS NEW BRUNSWICK

NUNAVUT	YUKON	NORTHWEST TERRITORIES	CNEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	Marshall Excelsior Comp		
MANUFACTURERS ADDRES		e, Marshall, Michigan 49068 USA	
PLANT LOCATIONS:	1506 George Rrown Drive	Mamball Mishing toons tin	
B Flanges: all flanges C Valves: all fine valves D Expansion joints, flexible co E Strainers, filters, separators, F Measuring devices, including pressure transmitters G Certified capacity-rated pres boilers, pressure vessele el	ings, tees, elbows, Ys, plugs, nections, and hose assembli and steam traps pressure gauges, level gaug sure reliaf devices acceptable	unions, pipe caps, or reducers es: all types es, sight glasses, levels, or es primary over pressure protection on	TITLE OF THE STANDARD OF CONSTRUCTION ANSI / UL 132, Standard for Safety Rellef Valves for Anhydrous Ammonia and LP-Gas
Pressure retaining componer N Nuclear components: Class	1 Class 2 C Class 3 C	the above categories (Meeting CNSC or ASME requirements)	- 11
SHOW MANUFACTURERS NA	ME TRADEMARK OR LOGI	(Meeting CNSC or ASME requirements) DAS IT WILL APPEAR ON THE PRODUCT	
(MEC.)		ATION OF THE ACTUAL ITEMS TO BE RI	FORGED WELDED WROUGHT CAST IS OTHER DESCRIBE OTHER:
DECLARATION: James C. Zuck responsibility for the quality of interpretation of these fittings is or in part and has been verified declaration conscientiously believed and the second of the second	product for which registration in accordance	PAMELA WILL Notary Public, State	of this form is true and to the best of s of construction, pressure rds. I further declare that the set where fabrication occurs in whole at purpose and I make this solemn lect as if made under oath. LISON Of Michigan FO
This re	This space	e for Regulatory Authority use ted after ten (10) years from the bate of	Boilers and
CRN: <u>0H21477.2</u>		R	EGISTERED
FID#: 2089 Relief Valve manifolds. ME9 Relief Valve manifolds. ME9 REPOXSN-3F & ME90XSN-4 Notes; 250psig (i.e. ME90XX) I. All fittings shall be registered in C. Each category shall be supporting or D. The declaration shall be made be esponsibility for the quality of the e	(250XX),265psig (i.e. M) the name of the Manufacturer and with two Statutory Declarate documentation. by the person having full author and product	265XX) Signed	21477,2 N 1 28,2021 Chief Inspector
Quality control programs shall but a maximum interval of five (5) ye RN expires May 13th, 2031	e resubmitted for validation sars.	Territoria	Psed to Fillings Rev. 1082003