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April 18, 2022

ROUND ENGINEERING INC
10 SEGWUN RD
WATERDOWN ON L8B 0K6

Workorder Type: Registration - Fitting(Conventional)

Workorder No: 8058060

Your Reference No.: R1411N21 - EXISTING CRN#0A7450.5ADD2 - ADDITION/DELETION OF MANUFACTURING LOCATION (The 4430 East Adamo location was added while the 12501 Telecom location was removed.)

Registered to: MARSHALL EXCELSIOR COMPANY

Dear SCOTT ISLIP,

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

CRN : 0A7450.5ADD3

Main Design No.: Bayonet Piping Series per Scope of Registration

Expiry Date: Jan 21, 2026

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

Note: Change of manufacturing locations only: The 4430 East Adamo location was added while the 12501 Telecom location was removed.

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
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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, JAMES C. ZUCK, DIRECTOR
 (Name and Position, e.g. President, Plant Manager, Chief Engineer)

of MARSHALL EXCELSIOR COMPANY
 (Name of Manufacturer)

Located at SEE WORLDWIDE LOCATIONS APPENDIX 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 **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, comply with all of the requirements of ASME B31.3

(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 _____ 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 9001:2015 which has been verified by the following authority, TRC

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

SCOPE OF CRN REGISTRATION, REPORTS, DRAWINGS, CALCULATIONS

(drawings, calculations, test reports, etc.)

Declared before me at Marshall Excelsior in the State of Michigan

the 2nd day of November AD 2021.

Commissioner for Oaths:

PAMELA WILLISON
 Notary Public, State of Michigan
 County of Branch
 My Commission Expires 07-03-2024
 Acting in the County of Calhoun

Pamela Willison
 (Printed name)

Pamela Willison
 (Signature)

[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 'A'.

CRN: _____
 Registered by: _____
 Dated: _____

NOTE: This registration expires on: Jan. 21, 2026

Technical Standards and Safety Authority
 Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: 0A7450.5ADD3

Signed: James Zuck

Date: April 18, 2022.

*Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request.



MARSHALL EXCELSIOR COMPANY

SCOPE OF CRN

Bayonet Piping Series – Close Tolerance Bayonets

Sizes: (1.5 x 3.0), (2.0 x 4.0), (3.0 x 5.0), (4.0 x 6.0), (6.0 x 10.0)
MAWP: 275 PSIG
MAWT: -423F to +100F

Materials of construction of wetted components per ASME B31.3, 2014 Edition:

- ASTM A182 Type 304 (-425F)
- ASTM A213 Type 304 (-425F)
- ASTM A240 Type 304L (-425F)
- ASTM A269 Type 304 (-425F)
- ASTM A312 Type 304 (-425F)
- ASTM A479 Type 304 (-425F)

Bayonet Piping Series – Cryenco, & Linde Styles

Sizes: 0.5 through 2.0 inch
MAWP: 200 psig
MAWT: -423F to +100F

Materials of construction of wetted components per ASME B31.3, 2014 Edition:

- ASTM A182 Type 304 (-425F)
- ASTM A213 Type 304 (-425F)
- ASTM A240 Type 304L (-425F)
- ASTM A312 Type 304 (-425F)
- ASTM A312 Type 304L (-425F)
- ASTM A479 Type 304 (-425F)

Bayonet Piping Series – CB7

Sizes: 0.5 through 2.0 inch
MAWP: 200 psig
MAWT: -425F to +100F

Materials of construction of wetted components per ASME B31.3, 2014 Edition:

- ASTM A182 Type 304 (-425F)
- ASTM A213 Type 304 (-425F)
- ASTM A240 Type 304L (-425F)
- ASTM A312 Type 304 (-425F)
- ASTM A312 Type 304L (-425F)
- ASTM A479 Type 304 (-425F)

Note: above listed materials can be used in designs below minimum temperature rating referenced in ASME B31.3 as stated as long as they satisfy requirements of ASME Section VIII, Div-1, UHA-51(g). Per design evaluations, all components utilizing any of the above materials have stress ratios <35% of allowable stress for the type and grade of material listed.

THIS IS PART OF CRN

0A7450.5ADD3

Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
Program



WORLDWIDE LOCATIONS APPENDIX

**MARSHALL EXCELSIOR COMPANY MANUFACTURING LOCATIONS
& CERTIFYING AUTHORITIES**

(rev. November 21, 2021)

Marshall Excelsior Company

1506 George Brown Drive,
Marshall, Michigan
USA 49068

ISO 9001 Certified by TRC

Marshall Excelsior Company

1505 Adams Drive,
Marshall, Michigan
USA 49068

ISO 9001 Certified by TRC

Marshall Excelsior Company

1508 George Brown Drive,
Marshall, Michigan
USA 49068

ISO 9001 Certified by TRC

Marshall Excelsior Company

4430 East Adamo Drive,
Tampa, Florida
USA 33605

ISO 9001 Certified by TRC

THIS IS PART OF CRN

0A7450.5ADD3

Technical Standards and Safety Authority

Boilers and Pressure Vessels Safety
Program