



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

December 1, 2023

DELAWARE MANUFACTURING INDUSTRIES CORP
3776 COMMERCE COURT
WHEATFIELD NY 14120-2094

Workorder Type: Registration - Fitting(Conventional)
Workorder No: 14113852
Your Reference No.: DMIC CRN 2023 RENEWAL - CRN#0C16411.5
Registered to: DELAWARE MANUFACTURING INDUSTRIES CORP

Dear [REDACTED]

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

CRN : 0C16411.5R1
Main Design No.: Scope of registration, Typical drawings and Product Catalogue
Expiry Date: Nov 06, 2033

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

Note: 10-year renewal to exist registration without change of scope of registered items. Registration valid from Nov. 7th , 2023 to Nov. 6th, 2033.

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 |

[REDACTED]
[REDACTED]



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

DMIC

STATUTORY DECLARATION

Registration of Fittings

I, [REDACTED]
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Delaware Manufacturing Industries Corporation (DMIC)
(Name of Manufacturer)

Located at 3776 Commerce Court Wheatfield, New York 14120 716-743-4360 716-743-4370
(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 B31.3-2016 & ASME B16.34-2016

(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, PRI Registrar

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

ASME Code Calculations, Test Reports and Drawings for BV3H-BV4H, BVH-BVAH, BVAL, & BVHH Series valves

(drawings, calculations, test reports, etc.)

Declared before me at [REDACTED] In the County of ERIE
the 14 day of SEPTEMBER AD 2023

Commissioner for Oaths:

[REDACTED]

(Signature)

Joseph P Hatch
Notary Public, State of New York
No. 01HA6209230
Qualified in Erie County
Commission Expires July 20, 2026

[REDACTED]

(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 _____

CRN: _____

Registered by: _____

Dated: _____

NOTE: This registration expires on: Nov 6th, 2033

Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety Program

REGISTERED

CRN: 0C16411.5R1

Signed: [REDACTED]

Date: December 1, 2023.

design registration per B31.3 standard. see scope of registration.

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



Delaware Manufacturing Industries Corporation

3776 Commerce Ct.
Wheatfield, NY, U.S.A. 14120-2094
Telephone: (716) 743-4360
Telefax: (716) 743-4370

Scope of Registration Renewal of Non-Nuclear Fittings in All Jurisdictions (all of Canada)

Prepared By: [REDACTED] Nov 5, 2013

Resubmittal By: [REDACTED], Sep 8, 2023
For Renewal of CRN#'s: 0C16411.5, .52, .54, .56, .5987YTNO

THIS IS PART OF CRN
0C16411 5R1
Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
Program

Scope:

- To certify DMIC ball valve series BVAL (Type A) for CRN in all of Canada.
- To certify DMIC ball valve series BVH/BVAH (Type B) for CRN in all of Canada.
- To certify DMIC ball valve series BVHH (Type C) for CRN in all of Canada
- To certify DMIC ball valve series BV3H/BV4H (Type D) for CRN in all of Canada

Valve Sizes Include:

Type A: 0.250", 0.375", 0.500", 0.750", 1.000", 1.250", 1.500", 2.000", 2.500", 3.000"

Type B: 0.250", 0.375", 0.500", 0.750", 1.000", 1.250", 1.500", 2.000", 2.125"

Type C: 0.250", 0.375", 0.500", 0.750", 1.000", 1.250"

Type D: 0.250", 0.375", 0.500", 0.750", 1.000", 1.250", 1.500", 2.000"

Valve Connection Types:

Type A: SAE Threaded, NPT Threaded, BSPP Threaded, BSPT Threaded, ISO threaded, Socket Welded, Butt Welded

Type B: SAE Threaded, NPT Threaded, BSPP Threaded, BSPT Threaded, ISO threaded, JIC, Socket Welded, Butt Welded, FH, FM, SH, SM, CH, CM

Type C: SAE Threaded, NPT Threaded, BSPP Threaded, BSPT Threaded, ISO threaded, Socket Welded, Butt Welded

Type D: SAE Threaded, NPT Threaded, BSPP Threaded, BSPT Threaded, ISO threaded, JIC, Socket Welded, Butt Welded, FH, FM, SH, SM

Pressure Bounded Components and Material:

Type A: Valve Body & End Connection: ASTM B221 Aluminum Alloy 6061-T6

Type B: Valve Body & End Connection: ASTM SA-311 UNS1018, Carbon Steel

Type C: Valve Body & End Connection: ASTM SA-311 UNS1018, Carbon Steel

Type D: Valve Body, End Connection, & Top Cap: ASTM SA-311 UNS1018, Carbon Steel

Maximum Allowable Working Pressure for Valves:

Type A: 400 psi

Type B: 3,750 psi

Type C: 6,000 psi

Type D: 3,750 psi

Allowable Working Temperature Range

Valve types A, B, C, and D: -20°F to 150°F.

Testing Method for all Valve Types:(from Original CRN Certification 2013)

3rd Party Proof Testing witnessed by TSSA certified Inspector

Test Results provided in Reports: 113011105A, 113011105B...113011105I

Rated Safety factor at 4.5:1 of tested results

Provide mechanical testing results for ASTM SA-311, UNS1018 per ASTM A370

Provide mechanical testing results for ASTM B221 Aluminum Alloy 6061-T6 per ASTM A370


UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

New Brunswick
Nunavut

Nova Scotia
Yukon

Prince Edward Island
Northwest Territories

Newfoundland and Labrador

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Manufacturers Address: 3776 Commerce Court, Wheatfield New York 14120	
Plant Locations: 3776 Commerce Court, Wheatfield New York 14120	
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<p align="center">Show Manufacturers Name, Trademark, or Logo as it will appear on the product</p> <p align="center"></p>	
<p align="center">Type of Construction</p> <p>Forged <input type="checkbox"/> Welded <input type="checkbox"/> Wrought <input type="checkbox"/></p> <p>Cast <input type="checkbox"/> Other <input checked="" type="checkbox"/></p> <p>Describe other:</p> <p>Machined from solid bar stock</p>	
<p align="center">List of supporting documentation and identification of the actual items to be registered:</p> <p>Code Calculations for valve bodies (BV3H/BV4H series)</p> <p>Material Certification and Traceability to specific valve, Carbon Steel Bodies</p> <p>ANSI #1500, 3,750 PSI, -20 to +180 (degrees Fahrenheit) Service Ball Valves</p> <p>Sizes:</p> <p>BV3H-0250, BV3H-0375, BV3H-0500, BV3H-0750, BV3H-1000, BV3H-1250, BV3H-1500, BV3H-2000</p> <p>BV4H-0250, BV4H-0375, BV4H-0500, BV4H-0750, BV4H-1000, BV4H-1250, BV4H-1500, BV4H-2000</p>	

Declaration:

I, Paul A. Forkey (see note 3) employed by Delaware Mfg. Ind. Corp. and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by PRI Registrar as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer

Declared before me at

This 14 day of

Commissioner of Oaths

Or Notary Public: (sign)

Joseph P Hatch
Notary Public, State of New York
Use this space for the Official Seal
Qualified in Erie County
Commission Expires July 20, 2026

<p align="center">This space for Regulatory Authority use.</p> <p align="center">This registration must be revalidated after ten (10) years from the date of acceptance.</p>	
<p>CRN: <u>0C16411.5 Rev1</u></p> <p>FID#: <u>2561</u></p> <p>Notes:</p> <ol style="list-style-type: none"> All Fittings shall be registered in the name of the Manufacturer. Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. The Declaration shall be made by the person having full authority and responsibility for the quality of the end product. Quality Control programs shall be resubmitted for validation. <p align="right">11/2016</p>	<p align="center">ACCEPTED</p> <p align="center">PROVINCE OF PRINCE EDWARD ISLAND</p> <p align="center">COMMUNITIES, LAND & ENVIRONMENT</p> <p>CRN: <u>0C16411.59 Rev1</u></p> <p>DATE: <u>January 19 2024</u></p> <p align="center">INSPECTION SERVICES SECTION</p> <p align="center">BOILER/PRESSURE VESSEL BRANCH</p> <p align="right">Recl 1.0 - Fittings Rev.2</p>


UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

New Brunswick
Nunavut

Nova Scotia
Yukon

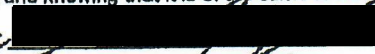
Prince Edward Island
Northwest Territories

Newfoundland and Labrador

Manufacturers Name: Delaware Manufacturing Industries Corporation	
Manufacturers Address: 3776 Commerce Court, Wheatfield New York 14120	
Plant Locations: 3776 Commerce Court, Wheatfield New York 14120	
Category of Fittings to be registered. Circle one Category only A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges <u>C Valves: all line valves</u> 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 glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)	Title of the Standard of Construction ASME B31.3 2016 ASME B16.34 2016
Show Manufacturers Name, Trademark, or Logo as it will appear on the product 	Type of Construction Forged <input type="checkbox"/> Welded <input type="checkbox"/> Wrought <input type="checkbox"/> Cast <input type="checkbox"/> Other <input type="checkbox"/> Describe other: Machined from solid bar stock
List of supporting documentation and identification of the actual items to be registered: Code Calculations for valve bodies (BV3H/BV4H series) Material Certification and Traceability to specific valve, Carbon Steel Bodies ANSI #1500, 3,750 PSI, -20 to +180 (degrees Fahrenheit) Service Ball Valves Sizes: BV3H-0250, BV3H-0375, BV3H-0500, BV3H-0750, BV3H-1000, BV3H-1250, BV3H-1500, BV3H-2000 BV4H-0250, BV4H-0375, BV4H-0500, BV4H-0750, BV4H-1000, BV4H-1250, BV4H-1500, BV4H-2000	

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Signature of Declarer: 

Declared before me at Amherst, NY

This 14 day of September 2023

Commissioner of Oaths 

Or Notary Public: (sign) 

(Affix Official seal to the right)

Joseph P. Hatch
Notary Public, State of New York
Use this space for the Official Seal
No. 0111420
Qualified in Erie County
Commission Expires July 20, 2026

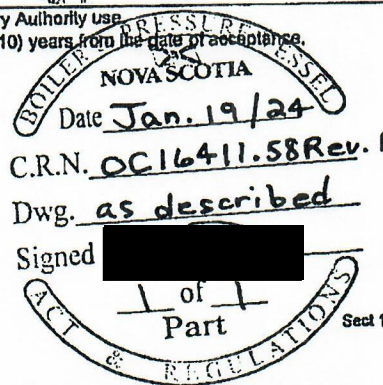
CRN: 0C16411.5 Rev1

FID#: 2561

Notes:

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11/2016




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New Brunswick
Nunavut

Nova Scotia
Yukon



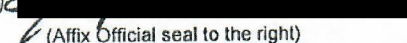
Prince Edward Island
Northwest Territories

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Signature of Declarer: 
 Declared before me at AMHERST, NY
 This 14 day of SEPTEMBER 2023
 Commissioner of Oaths 
 Or Notary Public: (sign) 
 (Affix Official seal to the right)

Joseph P Hatch
 Notary Public, State of New York
 No. 011463209250
 Qualified in Erie County
 Commission Expires July 20, 2026
New Brunswick
 Nouveau Brunswick

DEPT OF JUSTICE PUBLIC SAFETY
 BOILER & PRESSURE VESSEL ACT

REGISTRATION ONLY
 CRN OC16411.5 Rev1

 CHIEF BOILER INSPECTOR
 DATE 1/19/24
 Sect 1.0 - Fittings Rev.2

☐ BLRs ☐ PVs
☒ FITTINGS ☐ NUCLEAR COMPONENTS

CRN: OC16411.5 Rev1

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11/2016


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New Brunswick
Nunavut

Nova Scotia
Yukon

Prince Edward Island
Northwest Territories

Newfoundland and Labrador

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Manufacturers Address: <u>3776 Commerce Court, Wheatfield New York 14120</u>	
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Signature of Declarer: _____

Declared before me at Amherst, NY

This 14 day of September 2023

Commissioner of Oaths _____

Or Notary Public: (sign) _____

(Affix Official seal to the right)

Joseph P Hatch
Notary Public, State of New York
Use this space for the Official Seal
No. 01140209
Qualified in Erie County
Commission Expires July 20, 2026

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Signature of Declarer: 

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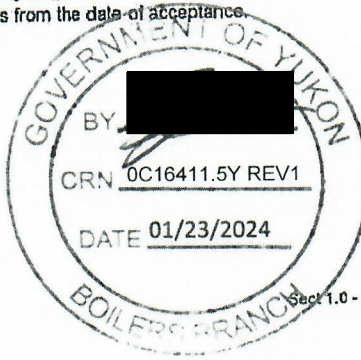
This 14 day of September 2023

Commissioner of Oaths 

Or Notary Public: (sign) 

(Affix Official seal to the right)

Joseph P Hatch
Notary Public, State of New York
Use this space for the Official Seal
No. 011432
Qualified in Erie County
Commission Expires July 20, 2026

This space for Regulatory Authority use. This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>0C16411.5 Rev1</u>	
FID#: <u>2561</u>	
Notes: 1. All Fittings shall be registered in the name of the Manufacturer. 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.	
11/2016	


UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

New Brunswick
Nunavut

Nova Scotia
Yukon

Prince Edward Island
Northwest Territories

Newfoundland and Labrador

Manufacturers Name: Delaware Manufacturing Industries Corporation	
Manufacturers Address: 3778 Commerce Court, Wheatfield New York 14120	
Plant Locations: 3778 Commerce Court, Wheatfield New York 14120	
<p>Category of Fittings to be registered. Circle one Category only</p> <p>A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p>B Flanges: all flanges</p> <p><u>C Valves: all line valves</u></p> <p>D Expansion joints, flexible connections, and hose assemblies: all types</p> <p>E Strainers, filters, separators, and steam traps</p> <p>F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p>G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p>H Pressure retaining components that do not fall into one of the above categories</p> <p>N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)</p>	<p>Title of the Standard of Construction</p> <p>ASME B31.3 2016</p> <p>ASME B16.34 2016</p>
<p>Show Manufacturers Name, Trademark, or Logo as it will appear on the product</p> <p align="center"></p>	
<p>Type of Construction</p> <p>Forged <input type="checkbox"/> Welded <input type="checkbox"/> Wrought <input type="checkbox"/></p> <p>Cast <input type="checkbox"/> Other <input checked="" type="checkbox"/></p> <p>Describe other: Machined from solid bar stock</p>	
<p>List of supporting documentation and identification of the actual items to be registered:</p> <p>Code Calculations for valve bodies (BV3H/BV4H series)</p> <p>Material Certification and Traceability to specific valve, Carbon Steel Bodies</p> <p>ANSI #1500, 3,750 PSI, -20 to +180 (degrees Fahrenheit) Service Ball Valves</p> <p>Sizes:</p> <p>BV3H-0250, BV3H-0375, BV3H-0500, BV3H-0750, BV3H-1000, BV3H-1250, BV3H-1500, BV3H-2000</p> <p>BV4H-0250, BV4H-0375, BV4H-0500, BV4H-0750, BV4H-1000, BV4H-1250, BV4H-1500, BV4H-2000</p>	

Declaration:

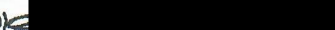
I Paul A. Forkey (see note 3) employed by Delaware Mfg. Ind. Corp. and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by PRI Registrar as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: 

Declared before me at Amherst, NY


This 14 day of September 2023

Commissioner of Oaths 

Or Notary Public: (sign) 

(Affix Official seal to the right)

Joseph P Hatch
Notary Public, State of New York
Use this space for the Official Seal
No. 0114020572
Qualified in Erie County
Commission Expires July 20, 2026

<p>This space for Regulatory Authority Use</p> <p>This registration must be revalidated after ten (10) years from the date of acceptance.</p> <p>CRN: <u>0C16411.5 Rev1</u></p> <p>FID#: <u>2561</u></p> <p>Notes:</p> <ol style="list-style-type: none"> 1. All Fittings shall be registered in the name of the Manufacturer. 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. <p>11/2016</p>	<p align="center">Northwest Territories</p> <p align="center">REGISTERED UNDER THE AUTHORITY OF THE BOILER AND PRESSURE VESSEL ACT.</p> <p>C.R.N. <u>0C16411.5 Rev1</u></p> <p>SIGNED </p> <p>DATE <u>June 19/24</u></p> <p align="right">Seal 1.0 - Fittings Rev.2</p>
---	---

6500


UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

New Brunswick
Nunavut

Nova Scotia
Yukon

Prince Edward Island
Northwest Territories

Newfoundland and Labrador

Manufacturers Name: Delaware Manufacturing Industries Corporation	
Manufacturers Address: 3776 Commerce Court, Wheelfield New York 14120	
Plant Locations: 3776 Commerce Court, Wheelfield New York 14120	
<p>Category of Fittings to be registered. Circle one Category only</p> <p>A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p>B Flanges: all flanges</p> <p>C Valves: all line valves</p> <p>D Expansion joints, flexible connections, and hose assemblies: all types</p> <p>E Strainers, filters, separators, and steam traps</p> <p>F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p>G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p>H Pressure retaining components that do not fall into one of the above categories</p> <p>N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)</p>	<p>Title of the Standard of Construction</p> <p>ASME B31.3 2016</p> <p>ASME B16.34 2016</p>
<p>Show Manufacturers Name, Trademark, or Logo as it will appear on the product:</p> <p align="center"></p>	<p>Type of Construction</p> <p>Forged <input type="checkbox"/> Welded <input type="checkbox"/> Wrought <input type="checkbox"/></p> <p>Cast <input type="checkbox"/> Other <input type="checkbox"/></p> <p>Describe other:</p> <p>Machined from solid bar stock</p>
<p>List of supporting documentation and identification of the actual items to be registered:</p> <p>Code Calculations for valve bodies (BV3H/BV4H series)</p> <p>Material Certification and Traceability to specific valve, Carbon Steel Bodies</p> <p>ANSI #1500, 3,750 PSI, -20 to +180 (degrees Fahrenheit) Service Ball Valves</p> <p>Sizes:</p> <p>BV3H-0250, BV3H-0375, BV3H-0500, BV3H-0750, BV3H-1000, BV3H-1250, BV3H-1500, BV3H-2000</p> <p>BV4H-0250, BV4H-0375, BV4H-0500, BV4H-0750, BV4H-1000, BV4H-1250, BV4H-1500, BV4H-2000</p>	


Declaration:

I, Paul A. Forkey (see note 3) employed by Delaware Mfg. Ind. Corp. and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by PRI Registrar as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: 

Declared before me at Amherst, NY


This 14 day of September 2023

Commissioner of Oaths 

Or Notary Public: (sign) 

(Affix Official seal to the right)

Joseph P Hatch
Notary Public, State of New York
No. 01146269280
Qualified in Erie County
Commission Expires July 20, 2026

<p>This space for Regulatory Authority use.</p> <p>This registration must be revalidated after ten (10) years from the date of acceptance.</p> <p>CRN: <u>0C16411.5 Rev1</u></p> <p>FID#: <u>2561</u></p> <p>Notes:</p> <ol style="list-style-type: none"> All Fittings shall be registered in the name of the Manufacturer. Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. The Declaration shall be made by the person having full authority and responsibility for the quality of the end product. Quality Control programs shall be resubmitted for validation. <p>11/2015</p>	<p align="center">NUNAVUT</p> <p align="center">Boilers and Pressure Vessels Act</p> <p align="center">REGISTERED</p> <p>CRN <u>0C16411.5N Rev 1</u></p> <p>Date <u>Jan 19, 2024</u></p> <p>Signed </p> <p align="center">Chief Inspector</p> <p align="right">Sect 1.0 - Fittings Rev.2</p> <p align="center">Territorial Registration Fee</p>
--	---

January 25, 2024

Attention: [REDACTED] Z
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO, ON M9W 6N9

The design submission, Tracking Number 2024-00251, Web Portal Number 2024-S0156, originally received on January 12, 2024 was surveyed and accepted for registration as follows:

CRN : 0C16411.52	Accepted on: January 25, 2024
Reg Type: RENEWAL	Expiry Date: November 06, 2033
Drawing No. : SCOPE OF REGISTRATION - RENEWAL	
Fitting type: Valve	
Design registered in the name of : DELAWARE MANUFACTURING INDUSTRIES CORPORATION	

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

As indicated on AB-41 Statutory Declaration or AB-351 Declaration of Conformity form and submitted documentation, the code of construction are ASME B31.3 and B16.34.

- *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 or AB-351 Declaration of Conformity 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 or AB-351 Declaration of Conformity 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, and maintains a valid Certification of Authorization Permit if required by the jurisdiction where manufacturing takes place, 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 3388 or fax (780) 437-7787 or e-mail Liu@absa.ca.

Sincerely,

[REDACTED]

[REDACTED]
DOP Cert. No. D00008861



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

DMIC

STATUTORY DECLARATION

Registration of Fittings

I, _____

(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Delaware Manufacturing Industries Corporation (DMIC)

(Name of Manufacturer)

Located at 3776 Commerce Court Wheatfield, New York 14120

(Plant Address)

716-743-4360

(Telephone No.)

716-743-4370

(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 B31.3-2016 & ASME B16.34-2016

(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, PRI Registrar

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

ASME Code Calculations, Test Reports and Drawings for BV3H-BV4H, BVH-BVAH, BVAL, & BVHH Series valves

(drawings, calculations, test reports, etc.)

Declared before me at _____

in the

County

of

Erie

the

14

day of

September AD 2023

Commissioner for Oaths:

(Signature)

Joseph P Hatch
Notary Public, State of New York
No. 01HA6209230
Qualified in Erie County
Commission Expires July 20, 2026

(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 _____

CRN: _____

Registered by: _____

Dated: _____

NOTE: This registration expires on: _____

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



Delaware Manufacturing Industries Corporation

3776 Commerce Ct.
Wheatfield, NY, U.S.A. 14120-2094
Telephone: (716) 743-4360
Telefax: (716) 743-4370

Scope of Registration Renewal of Non-Nuclear Fittings in All Jurisdictions (all of Canada)

Prepared By: [REDACTED], Nov 5, 2013

Resubmittal By: [REDACTED], Sep 8, 2023
For Renewal of CRN#'s: 0C16411.5, .52, .54, .56, .5987YTNO

Scope:

To certify DMIC ball valve series BVAL (Type A) for CRN in all of Canada.

To certify DMIC ball valve series BVH/BVAH (Type B) for CRN in all of Canada.

To certify DMIC ball valve series BVHH (Type C) for CRN in all of Canada

To certify DMIC ball valve series BV3H/BV4H (Type D) for CRN in all of Canada

Valve Sizes Include:

Type A: 0.250", 0.375", 0.500", 0.750", 1.000", 1.250", 1.500", 2.000", 2.500", 3.000"

Type B: 0.250", 0.375", 0.500", 0.750", 1.000", 1.250", 1.500", 2.000", 2.125"

Type C: 0.250", 0.375", 0.500", 0.750", 1.000", 1.250"

Type D: 0.250", 0.375", 0.500", 0.750", 1.000", 1.250", 1.500", 2.000"

Valve Connection Types:

Type A: SAE Threaded, NPT Threaded, BSPP Threaded, BSPT Threaded, ISO threaded, Socket Welded, Butt Welded

Type B: SAE Threaded, NPT Threaded, BSPP Threaded, BSPT Threaded, ISO threaded, JIC, Socket Welded, Butt Welded, FH, FM, SH, SM, CH, CM

Type C: SAE Threaded, NPT Threaded, BSPP Threaded, BSPT Threaded, ISO threaded, Socket Welded, Butt Welded

Type D: SAE Threaded, NPT Threaded, BSPP Threaded, BSPT Threaded, ISO threaded, JIC, Socket Welded, Butt Welded, FH, FM, SH, SM

Pressure Bounded Components and Material:

Type A: Valve Body & End Connection: ASTM B221 Aluminum Alloy 6061-T6

Type B: Valve Body & End Connection: ASTM SA-311 UNS1018, Carbon Steel

Type C: Valve Body & End Connection: ASTM SA-311 UNS1018, Carbon Steel

Type D: Valve Body, End Connection, & Top Cap: ASTM SA-311 UNS1018, Carbon Steel

Maximum Allowable Working Pressure for Valves:

Type A: 400 psi

Type B: 3,750 psi

Type C: 6,000 psi

Type D: 3,750 psi

Allowable Working Temperature Range

Valve types A, B, C, and D: -20°F to 150°F.

Testing Method for all Valve Types:(from Original CRN Certification 2013)

3rd Party Proof Testing witnessed by TSSA certified Inspector

Test Results provided in Reports: 113011105A, 113011105B...113011105I

Rated Safety factor at 4.5:1 of tested results

Provide mechanical testing results for ASTM SA-311, UNS1018 per ASTM A370

Provide mechanical testing results for ASTM B221 Aluminum Alloy 6061-T6 per ASTM A370

Montréal, 19 février 2024.

TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO ONTARIO
CANADA M9W6N9

Fabricant : DELAWARE MANUFACTURING IND.CORP(DMIC)
3776 COMMERCE COURT
WHEATFIELD NEW YORK
USA 14120

Numéro de dossier : 944602

Numéro(s) de dessin(s) : ball valve series BVAL, BVH/BVAH, BVHH,
BV3H/BV4H

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 : **0C16411.56**.

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 d'enregistrement. Les documents de conception doivent alors être resoumis pour validation;
- Le fabricant doit nous transmettre une copie de la *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.

Salutations distinguées,

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

Montréal

255, boul. Crémazie Est, 2ième étage

Montréal (Québec) H2M 1L5

Téléphone : 514 873-2546

Sans frais : 1 866 262-2084

enregistrementdesplans@rbq.gouv.qc.ca

www.rbq.gouv.qc.ca

Montréal, le 19 février 2024.

TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO ONTARIO
CANADA M9W6N9

Manufacturer : DELAWARE MANUFACTURING IND.CORP(DMIC)
3776 COMMERCE COURT
WHEATFIELD NEW YORK
USA 14120

OUR REFERENCE : 944602

Design number : ball valve series BVAL, BVH/BVAH, BVHH,
BV3H/BV4H

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): **0C16411.56.**

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 boiler or pressure vessel 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

255, boul. Crémazie Est, 2ième étage
Montréal (Québec) H2M 1L5
Téléphone : 514 873-2546
Sans frais : 1 866 262-2084
enregistrementdesplans@rbq.gouv.qc.ca
www.rbq.gouv.qc.ca



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

DMIC

STATUTORY DECLARATION

Registration of Fittings

I, [Redacted]
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Delaware Manufacturing Industries Corporation (DMIC)
(Name of Manufacturer)

Located at 3776 Commerce Court Wheatfield, New York 14120 716-743-4360 716-743-4370
(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 B31.3-2016 & ASME B16.34-2016

(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, PRI Registrar

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

ASME Code Calculations, Test Reports and Drawings for BV3H-BV4H, BVH-BVAH, BVAL, & BVHH Series valves

(drawings, calculations, test reports, etc.)

Declared before me at [Redacted] in the COUNTY of ERIE
the 14 day of SEPTEMBER AD 2023

Commissioner for Oaths:

[Redacted]

(Signature)

Joseph P Hatch
Notary Public, State of New York
No. 01HA6209230
Qualified in Erie County
Commission Expires July 20, 2026

[Redacted]

(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 _____

CRN: _____

Registered by: _____

Dated: _____

NOTE: This registration expires on: _____



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



Delaware Manufacturing Industries Corporation

3776 Commerce Ct.
Wheatfield, NY, U.S.A. 14120-2094
Telephone: (716) 743-4360
Telefax: (716) 743-4370

Scope of Registration Renewal of Non-Nuclear Fittings in All Jurisdictions (all of Canada)

Prepared By: [REDACTED] Nov 5, 2013

Resubmittal By: [REDACTED] Sep 8, 2023

For Renewal of CRN#'s: 0C16411.5, .52, .54, .56, .5987YTNO



Scope:

To certify DMIC ball valve series BVAL (Type A) for CRN in all of Canada.

To certify DMIC ball valve series BVH/BVAH (Type B) for CRN in all of Canada.

To certify DMIC ball valve series BVHH (Type C) for CRN in all of Canada

To certify DMIC ball valve series BV3H/BV4H (Type D) for CRN in all of Canada

Valve Sizes Include:

Type A: 0.250", 0.375", 0.500", 0.750", 1.000", 1.250", 1.500", 2.000", 2.500", 3.000"

Type B: 0.250", 0.375", 0.500", 0.750", 1.000", 1.250", 1.500", 2.000", 2.125"

Type C: 0.250", 0.375", 0.500", 0.750", 1.000", 1.250"

Type D: 0.250", 0.375", 0.500", 0.750", 1.000", 1.250", 1.500", 2.000"

Valve Connection Types:

Type A: SAE Threaded, NPT Threaded, BSPP Threaded, BSPT Threaded, ISO threaded, Socket Welded, Butt Welded

Type B: SAE Threaded, NPT Threaded, BSPP Threaded, BSPT Threaded, ISO threaded, JIC, Socket Welded, Butt Welded, FH, FM, SH, SM, CH, CM

Type C: SAE Threaded, NPT Threaded, BSPP Threaded, BSPT Threaded, ISO threaded, Socket Welded, Butt Welded

Type D: SAE Threaded, NPT Threaded, BSPP Threaded, BSPT Threaded, ISO threaded, JIC, Socket Welded, Butt Welded, FH, FM, SH, SM

Pressure Bounded Components and Material:

Type A: Valve Body & End Connection: ASTM B221 Aluminum Alloy 6061-T6

Type B: Valve Body & End Connection: ASTM SA-311 UNS1018, Carbon Steel

Type C: Valve Body & End Connection: ASTM SA-311 UNS1018, Carbon Steel

Type D: Valve Body, End Connection, & Top Cap: ASTM SA-311 UNS1018, Carbon Steel

Maximum Allowable Working Pressure for Valves:

Type A: 400 psi

Type B: 3,750 psi

Type C: 6,000 psi

Type D: 3,750 psi

Allowable Working Temperature Range

Valve types A, B, C, and D: -20°F to 150°F.

Testing Method for all Valve Types:(from Original CRN Certification 2013)

3rd Party Proof Testing witnessed by TSSA certified Inspector

Test Results provided in Reports: 113011105A, 113011105B...113011105I

Rated Safety factor at 4.5:1 of tested results

Provide mechanical testing results for ASTM SA-311, UNS1018 per ASTM A370

Provide mechanical testing results for ASTM B221 Aluminum Alloy 6061-T6 per ASTM A370

February 15, 2024

TSSA
345 Carlingview Drive
Toronto, ON M9W 6N9

Dear [REDACTED]

Re: Reciprocal CRN Registration in Manitoba

As indicated by the Regulatory Reconciliation and Cooperation Table and the Reconciliation Agreement for the Canadian Registration Number (CRN) for Pressure Equipment, the design reviews conducted and accepted by the Canadian province or territory, or their delegated safety authority, will be mutually recognized in the Province of Manitoba. If a registration is conditionally based on compliance with the notes set by the original issuing Jurisdiction, such compliance shall be applied the same to this Province.

Your submission has been registered, as follows:

File Number:	74-R3825
CRN:	0C16411.54
Scope:	Scope of registration, Typical drawings and Product Catalogue
Manufacturer:	DELAWARE MANUFACTURING INDUSTRIES CORP
Expiry Date:	16 February 2024

Along with this letter is the invoice for registration.

In addition, every Pressure Vessel, Boiler, and Heat Exchanger shall be stamped with the registration number and as required by CSA Code B51, a Manufacturer's Data Report (MDR) must be forwarded to this office immediately at the time a unit is shipped to Manitoba. Send your MDR to gasupport@gov.mb.ca. In your subject line, indicate "*Manufacturer's Data Report-CRN No.*" A fee shall be billed to the Manufacturer to process data reports in accordance with the Steam and Pressure Plants Regulation section 17.1.

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

Inspection and Technical Services

Labour and Immigration
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