

Forged Steel Fittings CRN Approvals

PROVINCE / TERRITORY	CRN NUMBER	DATE EXPIRES	PRODUCTS APPROVED			
			Figure #	Size Range	Figure #	Size Range
BRITISH COLUMBIA	0A16862.51R2	4/28/2032	2101	1/4" - 4"	2143	1/8" - 4"
			2102	1/4" - 3"	2150	1/8" - 4"
ALBERTA	0A16862.52R2	4/28/2032	2103	1/4" - 4"	2151	1/8" - 4"
			2104	1/4" - 3"	2152	1/8" - 4"
SASKATCHEWAN	EXEMPT	N/A	2111	1/8" - 4"	2153	1/8" - 4"
			2112	1/8" - 4"	2154	1/8" - 4"
MANITOBA	0A16862.54R2	4/28/2032	2113	1/8" - 2"	2155	1/8" - 4"
			2114	1/8" - 4"	2156	1/4" - 4"
ONTARIO	0A16862.5R2	4/28/2032	2115	1/8" - 4"	2157	1/8" - 4"
			2117	1/8" - 4"	2159	1/2" - 3"
QUEBEC	0A16862.56R2	4/28/2032	2118	1/4" - 4"	2170	1/2" - 4"
			2119	1/8" - 4"	2171	1/2" - 4"
NEW BRUNSWICK	0A16862.57R2	4/28/2032	2120	1/8" - 4"	2172	1/2" - 4"
			2121	1/8" - 4"	2173	1/2" - 2"
NOVA SCOTIA	0A16862.58R2	4/28/2032	2122	1/8" - 4"	2174	1/2" - 4"
			2125	1/4" - 3"	2175	1/2" - 4"
PRINCE EDWARD ISLAND	0A16862.59R2	4/28/2032	2126	1/4" - 3"	2176	1/2" - 4"
			2131	1/8" - 4"	2177	1/2" - 4"
NEWFOUNDLAND & LAB.	0A16862.50R2	4/28/2032	2132	1/8" - 4"	2804	1/4" - 3"
			2133	1/8"-1-1/2"	2806	1/2" - 2"
YUKON	0A16862.5YR2	4/28/2032	2134	1/8" - 4"	2807	1/2" - 2"
			2135	1/8" - 4"	2808	1/2" - 2"
NORTHWEST TERRITORIES	0A16862.5TR2	4/28/2032	2137	1/8" - 4"	2809	1/2" - 2"
			2138	1/4" - 4"	2856	1/2" - 2"
NUNAVUT	0A16862.5NR2	4/28/2032	2139	1/4" - 4"	2857	1/2" - 2"
			2140	1/4" - 2"	2858	1/2" - 2"
			2141	1/8" - 4"	THAnvilet	1/8" - 4"
			2142	1/8" - 4"	BWAnvilet	1/8" - 3"
					SWAnvillet	1/8" - 4"

NOTES:

** Forged Steel Laterals are not included in this registration. Laterals have the following Figure Numbers: 2116, 2136, 2158, 2178.



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, Vernon Belliveau, Director Supplier Quality

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

of ASC Engineered Solutions, LLC

(Name of Manufacturer)

Located at 390 Second Avenue West, Simcoe, Ontario N3Y 4K9

(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
Forge Steel Fittings, Unions and Anvilets, ASME B16.11, ASME B16.25, See Attachment A 0A16862 5
(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, QAS International

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

(drawings, calculations, test reports, etc.)

Declared before me at North Kingstown in the State of RI

the 30th day of November AD 2021

Commissioner for Oaths:

Maria C. Miller

(Printed name)

Maria C. Miller

(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 _____

CRN: _____

Registered by: _____

Dated: _____

NOTE: This registration expires on: _____

2023-00577

ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA

ACCEPTED: 0A16862.52

See acceptance letter for conditions of registration.

Date: 2023-02-23

By:

Stevan Stojanovic
STEVAN STOJANOVIC, P. Eng
BOP: 00000049

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.

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

November 5, 2021
Updated April 27, 2022

Attachment A 0A16862 5

STANDARDS OF CONSTRUCTION

➤ FORGED STEEL FITTINGS

Anvil Pipe Fittings & Steel Nipples Catalog, v01 02.21, Pages: 87 – 110

Dimensions and Pressure Rating:

- ASME B16.11 Forged Fittings, Socket-Welding and Threaded

Threading:

- ASME B1.20.1 Pipe Threads, General Purpose (Inch)

Manufacturing (Reducer Inserts):

- MSS SP-79 Socket Welding Reducer Inserts

➤ FORGED STEEL UNIONS

Anvil Pipe Fittings & Steel Nipples Catalog, v01 02.21, Pages: 111 – 112

Threading:

- ASME B1.20.1 Pipe Threads, General Purpose (Inch)

Manufacturing:

- MSS SP-83 Steel Pipe Unions Socket Welding and Threaded, Class 3000

ASC Engineered Solutions

West Coast Headquarters
2867 Vail Avenue, Commerce, CA 90040
T 800-766-0076 F 323-890-4456

East Coast Headquarters
2 Holland Way, Exeter, NH 03833
T 603-418-2800 F 603-418-2833 www.asc-es.com

ANVILETS

Anvil Pipe Fittings & Steel Nipples Catalog, v01 02.21, Pages: 113 – 121

Manufacturing:

- MSS SP-97 Integrally Reinforced Forged Branch Outlet Fittings – Socket Welding, Threaded, and Buttwelding Ends

Threading:

- ASME B1.20.1 Pipe Threads, General Purpose (Inch)

Socket Welding Dimensions:

- ASME B16.11 Forged Fittings, Socket-Welding and Threaded

Buttweld Ends:

- ASME B16.25 Buttwelding Ends

TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO ON M9W 6N9

Date: March 15, 2023
Account #: 35231
Journal #: 82237

Attn: TSSA BPV NATIONAL REGISTRATION

Re: Application for Design Registration

The design, as detailed in your, 0A16862.5R2 - ASC ENGINEERED SOLUTIONS, , for a Fitting is accepted for registration as follows:

Registered To: ASC ENGINEERED SOLUTIONS **CRN:** 0A16862.51

Drawing #: Scope of Registration

Drawing Revision: N/A

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: Anvil Pipe Fittings & Steel Nipples Catalog, pages 87-121 Note: See stamped attachment "A" for scope of registration.

As required by CSA B51 4.2.1, this registration expires on 28-Apr-2032

. 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 TSSA CRN# 0A16862.5R2 registration shall apply to BC registration.

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

Janina Mihailescu

janina.mihailescu@technicalsaftybc.ca
Design Administration

cc:

November 5, 2021
Updated April 27, 2022

Attachment A 0A16862 5

STANDARDS OF CONSTRUCTION

➤ FORGED STEEL FITTINGS

Anvil Pipe Fittings & Steel Nipples Catalog, v01 02.21, Pages: 87 – 110

Dimensions and Pressure Rating:

- ASME B16.11 Forged Fittings, Socket-Welding and Threaded

Threading:

- ASME B1.20.1 Pipe Threads, General Purpose (Inch)

Manufacturing (Reducer Inserts):

- MSS SP-79 Socket Welding Reducer Inserts

**THIS IS PART OF CRN
0A16862.5R2**
Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
Program

➤ FORGED STEEL UNIONS

Anvil Pipe Fittings & Steel Nipples Catalog, v01 02.21, Pages: 111 – 112

Threading:

- ASME B1.20.1 Pipe Threads, General Purpose (Inch)

Manufacturing:

- MSS SP-83 Steel Pipe Unions Socket Welding and Threaded, Class 3000

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2 Holland Way, Exeter, NH 03833
T 603-418-2800 F 603-418-2833 www.asc-es.com

ANVILETS

Anvil Pipe Fittings & Steel Nipples Catalog, v01 02.21, Pages: 113 – 121

Manufacturing:

- MSS SP-97 Integrally Reinforced Forged Branch Outlet Fittings – Socket Welding, Threaded, and Buttwelding Ends

Threading:

- ASME B1.20.1 Pipe Threads, General Purpose (Inch)

Socket Welding Dimensions:

- ASME B16.11 Forged Fittings, Socket-Welding and Threaded

Buttweld Ends:

- ASME B16.25 Buttwelding Ends

February 14, 2023

TSSA
345 Carlingview Drive
Toronto, ON M9W 6N9

Dear Tanya Francis,

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-R2957
CRN: 0A16862.54
Scope: Anvil Pipe Fittings & Steel Nipples Catalog, pages 87-121. See stamped attachment "A" for scope of registration.
Manufacturer: ASC ENGINEERED SOLUTIONS, LLC.
Expiry Date: 28 April 2032

Along with this letter is the invoice for registration.

In addition, every vessel shall be stamp of 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, Consumer Protection and Government Services
508 – 401 York Avenue, Winnipeg, MB R3C 0P8
T (204) 945-3373 | F (204) 948-2089

November 5, 2021
Updated April 27, 2022

Attachment A 0A16862 5

STANDARDS OF CONSTRUCTION

➤ FORGED STEEL FITTINGS

Anvil Pipe Fittings & Steel Nipples Catalog, v01 02.21, Pages: 87 – 110

Dimensions and Pressure Rating:

- ASME B16.11 Forged Fittings, Socket-Welding and Threaded

Threading:

- ASME B1.20.1 Pipe Threads, General Purpose (Inch)

Manufacturing (Reducer Inserts):

- MSS SP-79 Socket Welding Reducer Inserts

**THIS IS PART OF CRN
0A16862.5R2**
Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
Program

➤ FORGED STEEL UNIONS

Anvil Pipe Fittings & Steel Nipples Catalog, v01 02.21, Pages: 111 – 112

Threading:

- ASME B1.20.1 Pipe Threads, General Purpose (Inch)

Manufacturing:

- MSS SP-83 Steel Pipe Unions Socket Welding and Threaded, Class 3000

ASC Engineered Solutions

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ANVILETS

Anvil Pipe Fittings & Steel Nipples Catalog, v01 02.21, Pages: 113 – 121

Manufacturing:

- MSS SP-97 Integrally Reinforced Forged Branch Outlet Fittings – Socket Welding, Threaded, and Buttwelding Ends

Threading:

- ASME B1.20.1 Pipe Threads, General Purpose (Inch)

Socket Welding Dimensions:

- ASME B16.11 Forged Fittings, Socket-Welding and Threaded

Buttweld Ends:

- ASME B16.25 Buttwelding Ends



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, Vernon Belliveau, Director Supplier Quality
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of ASC Engineered Solutions, LLC
(Name of Manufacturer)

Located at 390 Second Avenue West, Simcoe, Ontario N3Y 4K9
(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
Forge Steel Fittings, Unions and Anvilets, ASME B16.11, ASME B16.25, See Attachment A 0A16862 5
(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, QAS International.

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

(drawings, calculations, test reports, etc.)

Declared before me at North Kingstown in the State of RI

the 30th day of November AD 2021

Commissioner for Oaths:

Maria C. Miller
(Printed name)

Maria C. Miller
(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: April 28, 2032

Technical
Standards
and Safety
Authority

Boilers and
Pressure Vessels
Safety Program

REGISTERED

C.R.N.: 0A16862.5R2

Signed: [Signature]

Date: April 28, 2022.

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

PV 09553 (04/17)

See registration letter for any terms and conditions for this registration.
April 28, 2022. TSSA

Note: Registration Renewal with no change in the scope of registration, only change the owner name to ASC Engineered Solutions. AH. April 28, 2022

November 5, 2021
Updated April 27, 2022

Attachment A 0A16862 5

STANDARDS OF CONSTRUCTION

➤ FORGED STEEL FITTINGS

Anvil Pipe Fittings & Steel Nipples Catalog, v01 02.21, Pages: 87 – 110

Dimensions and Pressure Rating:

- ASME B16.11 Forged Fittings, Socket-Welding and Threaded

Threading:

- ASME B1.20.1 Pipe Threads, General Purpose (Inch)

Manufacturing (Reducer Inserts):

- MSS SP-79 Socket Welding Reducer Inserts

**THIS IS PART OF CRN
0A16862.5R2**
Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
Program

➤ FORGED STEEL UNIONS

Anvil Pipe Fittings & Steel Nipples Catalog, v01 02.21, Pages: 111 – 112

Threading:

- ASME B1.20.1 Pipe Threads, General Purpose (Inch)

Manufacturing:

- MSS SP-83 Steel Pipe Unions Socket Welding and Threaded, Class 3000

ASC Engineered Solutions

West Coast Headquarters
2867 Vail Avenue, Commerce, CA 90040
T 800-766-0076 F 323-890-4456

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T 603-418-2800 F 603-418-2833 www.asc-es.com

ANVILETS

Anvil Pipe Fittings & Steel Nipples Catalog, v01 02.21, Pages: 113 – 121

Manufacturing:

- MSS SP-97 Integrally Reinforced Forged Branch Outlet Fittings – Socket Welding, Threaded, and Buttwelding Ends

Threading:

- ASME B1.20.1 Pipe Threads, General Purpose (Inch)

Socket Welding Dimensions:

- ASME B16.11 Forged Fittings, Socket-Welding and Threaded

Buttweld Ends:

- ASME B16.25 Buttwelding Ends



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, Vernon Belliveau, Director Supplier Quality

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

of ASC Engineered Solutions, LLC

(Name of Manufacturer)

Located at 390 Second Avenue West, Simcoe, Ontario N3Y 4K9

(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
Forge Steel Fittings, Unions and Anvilets, ASME B16.11, ASME B16.25, See Attachment A 0A16862 5

(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, QAS International

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

(drawings, calculations, test reports, etc.)

Declared before me at North Kingstown in the State of RI

the 30th day of November AD 20 21

Commissioner for Oaths:

Maria C. Miller

(Printed name)

Maria C. Miller

(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 _____

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.

November 5, 2021
Updated April 27, 2022

Attachment A 0A16862 5

STANDARDS OF CONSTRUCTION

➤ FORGED STEEL FITTINGS

Anvil Pipe Fittings & Steel Nipples Catalog, v01 02.21, Pages: 87 – 110

Dimensions and Pressure Rating:

- ASME B16.11 Forged Fittings, Socket-Welding and Threaded

Threading:

- ASME B1.20.1 Pipe Threads, General Purpose (Inch)

Manufacturing (Reducer Inserts):

- MSS SP-79 Socket Welding Reducer Inserts

➤ FORGED STEEL UNIONS

Anvil Pipe Fittings & Steel Nipples Catalog, v01 02.21, Pages: 111 – 112

Threading:

- ASME B1.20.1 Pipe Threads, General Purpose (Inch)

Manufacturing:

- MSS SP-83 Steel Pipe Unions Socket Welding and Threaded, Class 3000

ANVILETS

Anvil Pipe Fittings & Steel Nipples Catalog, v01 02.21, Pages: 113 – 121

Manufacturing:

- MSS SP-97 Integrally Reinforced Forged Branch Outlet Fittings – Socket Welding, Threaded, and Buttwelding Ends

Threading:

- ASME B1.20.1 Pipe Threads, General Purpose (Inch)

Socket Welding Dimensions:

- ASME B16.11 Forged Fittings, Socket-Welding and Threaded

Buttweld Ends:

- ASME B16.25 Buttwelding Ends

Newfoundland and Labrador

☐ NUCLEAR COMPONENTS

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: ASC Engineered Solutions, LLC	
Manufacturers Address: ASC Engineered Solutions, LLC	
Plant Locations: 390 Second Avenue West, Simcoe, Ontario N3Y 4K9	
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 C Valves: all line valves 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 ☐ Class 2 ☐ Class 3 ☐ (Meeting CNSC or ASME requirements)	Title of the Standard of Construction ASME B16.11 MSS SP-79 MSS SP-83 MSS SP-97 ASME B16.25 See Attachment A 0A016862 5
Show Manufacturers Name, Trademark, or Logo as it will appear on the product 	Type of Construction Forged ☒ Welded ☐ Wrought ☐ Cast ☐ Other ☐ Describe other:
List of supporting documentation and identification of the actual items to be registered: Anvil Pipe Fitting and Nipples Catalog (Pf 2.17 pages 87 -121) for Forged Steel Fittings, Anvilets and Unions Pages 95-129 per ASME B16.11, Pages 117-118 per MSS SP-79, Pages 119-120 per MSS SP-83, Pages 121-129 per MSS SP-97 Material Specification ASTM A105, Standard Specification for Carbon Steel Forgings Threads conform to ASME 1.20.1. Boltweld Anvilet Ends conform with ASME B16.25	

Declaration:

I, Vernon Belliveau (see note 3) employed by ASC Engineered Solutions, LLC 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 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: Vernon Belliveau

Declared before me at North Kingstown, RI

This 30th day of November AD 2021

Commissioner of Oaths

Or Notary Public: (sign) Maria C. Miller

(Affix Official seal to the right)



CRN: <u>0A16862.5 Rev.2</u> FID#: <u>16254</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. Scope: CRN renewal with company name change. No change in the scope of registration. See Attachment 'A' (2 pages updated 11/2016 Apr. 27, 2022). CRN expires April 28th, 2032 (DGallant)	This space for Regulatory Authority use. This registration must be revalidated after ten (10) years from the date of acceptance. NOVA SCOTIA Date <u>Nov. 3/23</u> C.R.N. <u>0A16862.58 Rev.2</u> Dwg. <u>as described</u> Signed <u>[Signature]</u> 1 of 1 Part Sect 1.0 - Fittings Rev.2
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Newfoundland and Labrador

This space for Regulatory Authority use.

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

CRN: 0A16862.5 Rev.2

FID#: 16254

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.

SCOPE: CRN renewal with company name change. No change in the scope of registration. See Attachment 'A' (2 pages updated 11/2016 Apr.27, 2022). CRN expires April 28th, 2032 (DGallant)

0A16862.5 Rev.2
NOV 3/23
1/16/2023

Sect 1.0 - Fittings Rev.2

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: ASC Engineered Solutions, LLC	
Manufacturers Address: ASC Engineered Solutions, LLC	
Plant Locations: 390 Second Avenue West, Simcoe, Ontario N3Y 4K9	
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 C Valves: all line valves 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, levelts, 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 ☐ Class 2 ☐ Class 3 ☐ (Meeting CNSC or ASME requirements)	Title of the Standard of Construction ASME B16.11 MSS SP-79 MSS SP-83 MSS SP-97 ASME B16.25 See Attachment A 0A016862 5
Show Manufacturers Name, Trademark, or Logo as it will appear on the product 	Type of Construction Forged ☒ Welded ☐ Wrought ☐ Cast ☐ Other ☐ Describe other:
List of supporting documentation and identification of the actual items to be registered: Anvil Pipe Fitting and Nipples Catalog (Pf 2.17 pages 87 -121) for Forged Steel Fittings, Anvilets and Unions Pages 95-129 per ASME B16.11, Pages 117-118 per MSS SP-79, Pages 119-120 per MSS SP-83, Pages 121-129 per MSS SP-97 Material Specification ASTM A105, Standard Specification for Carbon Steel Forgings Threads conform to ASME 1.20.1. Butt-welded Anvilet Ends conform with ASME B16.25	

Declaration:

I, Vernon Galloway (see note 3) employed by ASC Engineered Solutions, LLC 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 me 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: Vernon Galloway

Declared before me at North Kingstown, RI

This 30th day of November AD 2021

Commissioner of Oaths

Or Notary Public: (sign) Maria C. Miller

(Affix Official seal to the right)



This space for Regulatory Authority use. This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>0A16862.5 Rev.2</u> FID#: <u>16254</u>	Newfoundland Labrador
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. Scope: CRN renewal with company name change. No change in the scope of registration. See Attachment 'A' (2 pages updated 11/2016 Apr 27, 2022) CRN expires April 28th, 2032 (DGallant)	Registered <u>0A16862.50 Rev 2</u> Date <u>Nov 3, 2023</u> Engineering and Inspection Services Registered by <u>[Signature]</u> UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS

Newfoundland and Labrador

This space for Regulatory Authority use.

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

CRN: 0A16862.5 Rev.2

FID#: 16254

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.

Scope: CRN renewal with company name change. No change in the scope of registration. See Attachment 'A' (2 pages updated 1/12/2018 Apr.27, 2022). CRN expires April 28th, 2032 (DGallant)

GOVERNMENT OF YUKON
BY [Signature]
CRN 0A16862.5Y REV2
DATE 11/03/2023
BOILERS BRANCH
Sect 1.0 - Fittings Rev.2

Newfoundland and Labrador

Northwest
Territories
REGISTERED
UNDER THE AUTHORITY OF
THE BOILER AND PRESSURE
VESSEL ACT. Sec. 1.0.
CRN 0A168625TRV2
SIGN. nae Boe
DATE Nov 3/73

Newfoundland and Labrador

This space for Regulatory Authority use. This registration must be revalidated every ten (10) years from the date of acceptance. CRN: <u>0A16862.5 Rev.2</u> FID#: <u>16254</u> Notes: 1. All Filings 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. Scope: CRN renewal with company name change. No change in the scope of registration. See Attachment 'A' (2 pages updated 11/2016 Apr 27, 2022). CRN expires April 28th, 2032 (DGallant)	REGISTRATION CRN <u>0A16862.5N Rev 2</u> Date <u>2023-11-03</u> Signed <u>[Signature]</u> Chief Inspector Sect 1.0 - Filings Rev.2 Territorial Registration Fee
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