



Montréal, 09-May-2019

CATHERINE DIPLOCK
PRESSURE VESSEL ENGINEERING LTD
120 RANDALL DR., SUITE B
WATERLOO ONTARIO
CANADA N2V 1C6

Manufacturer : ALLOY STAINLESS PRODUCTS CO. INC.
611 UNION BOULEVARD
TOTOWA NEW JERSEY
U.S.A. 07512-2444

Our reference : 952773
Design number : SEE SCOPE 13442S-1 REV.0

Subject: Registration of designs – Confirmation of approval

Madam,

The Régie du bâtiment du Québec (RBQ) informs you that your application for the registration of designs has been evaluated and that the design was registered under the Canadian Registration Number (CRN\NEC) : **0A03436.56**

We bring your attention this requirement of the regulation respecting pressure vessels, and the codes and standards adopted:

- The manufacturer must maintain a valid quality control program to produce according to the CRN.

This notice of approval does not relieve the constructor of his responsibilities with respect to the design or construction of equipment manufactured according to this CRN.

Yours sincerely,

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



345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel : 416 734.3300
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www.tssa.org

March 14, 2019

CATHERINE DIPLOCK
PRESSURE VESSEL ENGINEERING LTD.
120 RANDALL DR SUITE B
WATERLOO ON N2V 1C6
CA

Service Request Type: BPV-Fitting Registration
Service Request No.: 2530160
Your Reference No.: PVE-13442
Registered to: ALLOY STAINLESS PRODUCTS COMPANY INC

Dear CATHERINE DIPLOCK,

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

CRNL **0A3436.5R2**
Main Design No.: SCOPE OF REGISTRATION 13442s-1 REV 0
Expiry Date: 14-Mar-2029

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

Note: This is a CRN renewal only. There is no change in scope.

A stamped copy of the approved registration and invoice for engineering services will be mailed to you shortly. Should you have any questions or require further assistance, however, 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,

Alan Wu P. Eng.
Mechanical Engineer, BPV
Tel. : 416-734-3443
Fax : 416-231-6183
Email : awu@tssa.org

Statutory Declaration Registration of Fittings

ASp

(a) Design Qualification

I¹ Annemarie Appleton
(Name of applicant)

President
(Position eg, president, plant manager, chief eng.)

of Knickerbocker Machine Shop Inc dba Alloy Stainless Products Company
(name of company)

Located at 611 Union Boulevard, Totowa, NJ 07512
(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act:

comply with all the requirements of the ANSI/ASME codes as to their dimensions, material, identification & service for which are required: B16.11, MSS-SP-79/SP-83/SP-114

Or

are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with _____
_____ code and standard, and are designed to the best current engineering practice, as shown by the supporting test data.

(b) Quality control of Manufacture

I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of CSA B51 Annex F, and has been verified by the following authority or authorized agency Hartford Steam Boiler

The fittings² covered by this declaration, for which I seek registration, are See scope document 13442s-1 R0

In support of the application, the following information, calculations and/or test data are attached:
See scope document 13442s-1 R0

Declared before me at Totowa, NJ

In the of County of Passaic

The ANY DAY ROGERS December AD 2018

NOTARY PUBLIC OF NEW JERSEY
Comm. # 2456899
My Commission Expires 8/21/2022
(commissioner for oaths)

Annemarie Appleton
Signature of Declarer³

For Official Use Only

The application is accepted for registration in Category A in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51.

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

QUÉBEC
ENREGISTRÉ

NEC (CRN) : 0A3436.56

DATE : 07 MAY 2019

Registered Number CRN 0A3436.56

For the Chief Inspector _____
Date _____

¹ Three completed copies of Statutory Declaration form together with three copies of Catalogs, drawings of Bulletins illustrating above fittings shall be submitted.
² All fittings are required to be registered in the name of the Manufacturer.
³ This form shall be completed and signed by the president of highest official in the manufacturing plan where the fitting is produced.

Scope Document: 13442s-1 Rev 0

ASME B16.11, 2016 Edition

Materials per B16.11 Section 5

Pressure Ratings per B16.11 Section 2 and Table 8

Description	Type	Class	Drawing
- 1/8" to 4" Tee/90° Elbow/Cross/45° Elbow	Thd	2M/3M/6M	Table-1
- 1/8" to 2" 90° Street Elbow	Thd	3M/6M	Table-2
- 1/8" to 4" Coupling/Half Coupling/Boss/Cap/Couplet	Thd	3M/6M	Table-3
- 1/8" to 4" Sq. Hd. Plug/Hx. Hd. Plug/Rd. Hd Plug/Hx. Hd. Bushing/Flush Bushing	Thd	N/A	Table-4
- 1/8" to 4" Tee/90° Elbow/Cross/45° Elbow	SW	3M/6M/9M	Table-5
- 1/8" to 4" Coupling/Half Coupling/Boss/Cap/Couplet	SW	3M/6M/9M	Table-6

MSS SP-79, 2018 Edition

Materials per MSS-SP-79 Section 6

Pressure Ratings per MMSS-SP-79 Section 3 and Table 1

Type 1 & Type 2

THIS IS PART OF
CRN 0A3436.5R2
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program

Description	Type	Class	Drawing
- 3/8" x 1/4" Reducer Inserts	SW	3M/6M	Table 1-1
- 1/2" x 3/8", 1/2" x 1/4" Reducer Inserts	SW	3M/6M	Table 1-1
- 3/4" x 1/2", 3/4" x 3/8", 3/4" x 1/4" Reducer Inserts	SW	3M/6M	Table 1-1
- 1" x 3/4", 1" x 1/2", 1" x 3/8", 1" x 1/4" Reducer Inserts	SW	3M/6M	Table 1-1
- 1-1/4" x 3/4", 1-1/4" x 1/2", 1-1/4" x 3/8", 1-1/4" x 1/4", 1-1/4" x 1" Reducer Inserts	SW	3M/6M	Table 1-1
- 1-1/2" x 1-1/4", 1-1/2" x 1", 1-1/2" x 3/4", 1-1/2" x 1/2", 1-1/2" x 3/8" Reducer Inserts	SW	3M/6M	Table 1-2
- 2" x 1-1/2", 2" x 1-1/4", 2" x 1", 2" x 3/4", 2" x 1/2" Reducer Inserts	SW	3M/6M	Table 1-2
- 2-1/2" x 2", 2-1/2" x 1-1/2", 2-1/2" x 1-1/4", 2-1/2" x 1", 2-1/2" x 3/4" Reducer Inserts	SW	3M/6M	Table 1-2
- 3" x 2-1/2", 3" x 2", 3" x 1-1/2", 3" x 1-1/4", 3" x 1" Reducer Inserts	SW	3M/6M	Table 1-3
- 4" x 3", 4" x 2-1/2", 4" x 2", 4" x 1-1/2", 4" x 1-1/4" Reducer Inserts	SW	3M/6M	Table 1-3

MSS SP-83, 2018 Edition

Materials per MSS-SP-83 Section 6 and Tables 4 & 5

Pressure Ratings per MMSS-SP-83 Section 2 and Table 4 & 5

Description	Type	Class	Drawing
- 1/8" to 3" Union	SW	3M	MSS-SP83-T1
- 1/8" to 2-1/2" Union	SW	6M	MSS-SP83-T2
- 1/8" to 3" Union	Thd	3M	MSS-SP83-T3
- 1/8" to 3" Union	Thd	6M	MSS-SP83-T4



MSS SP114, 2007 Edition

Materials per MSS-SP114 Section 5

Pressure Ratings per MSS-SP114 Section 2 Table 1

Description	Type	Class	Drawing
- 1/8" to 4" Tee/90° Elbow/ Cross/ 45° Elbow	Thd	150#	MSS-SP114-1
- 1/8" to 4" Street Elbow	Thd	150#	MSS-SP-114-2
- 1/8" to 4" Coupling/ Half Coupling/ Reducer Coupling	Thd	150#	MSS-SP114-3
- 1/8" to 4" Cap	Thd	150#	MSS-SP-114-4
- 1/8" to 4" 90/Tee/ Cross/ 45/ Coupling/ Half Coupling/ Cap	SW	150#	MSS-SP-114-5
- 1/8" to 4" Square Head Plug	Thd	150#	MSS-SP-114-6
- 1/8" to 4" Hex Head Plug	Thd	150#	MSS-SP-114-7
- 1/4" x 1/8" to 1-1/2" x 1/4" Hex Head Bushing	Thd	150#	MSS-SP-114-8A
- 2" x 1-1/2" to 4" x 1" Hex Head Bushing	Thd	150#	MSS-SP-114-8B
- 1/8" to 4" Lock Nut	Thd	N/A	MSS-SP-114-9
- 1/8" to 4" Union	Thd	150#	MSS-SP-114-10
- 1/8" to 4" Union	SW	150#	MSS-SP-114-11
- 1/8" to 3/4" Tee/ 90° Elbow/ Cross/ 45° Elbow	Thd	1M	MSS-SP-114-12
- 1/8" to 3/4" 90° Street Elbow	Thd	1M	MSS-SP-114-13
- 1/8" to 4" Coupling & Half Coupling (Straight & Reducing sizes)/ Caps	Thd	1M	MSS-SP-114-14
- 1/8" to 4" 90/ Tee/ Cross/ 45/ Coupling/ Half Coupling/ Cap	SW	1M	MSS-SP-114-15
- 1/8" to 4" Square Head Plug	Thd	1M	MSS-SP-114-16
- 1/8" to 4" Hex Head Plug	Thd	1M	MSS-SP-114-17

- 1/4" x 1/8" to 1-1/2" x 1/4" Reducing Hex Head Bushings
- 2" x 1-1/2" to 4" x 1" Reducing Hex Head Bushings
- 1/8" to 4" Union
- 1/8" to 4" Union

Thd	1M	MSS-SP-114-18A
Thd	1M	MSS-SP-114-18B
Thd	1M	MSS-SP-114-19
SW	1M	MSS-SP-114-20

THIS IS PART OF
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