

April 06, 2019

Attention: Catherine Diplock
PRESSURE VESSEL ENGINEERING INC
120 RANDALL DRIVE SUITE B
WATERLOO, ON N2V 1C6

Email: crns@pveng.com

The design submission, tracking number 2019-02087, originally received on March 21, 2019 was surveyed and accepted for registration as follows:

CRN : 0A03436.52

Accepted on: April 06, 2019

Reg Type: RENEWAL

Expiry Date: April 01, 2029

Drawing No. : SCOPE 13442S-1 REV.0 CRN RENEWAL

Fitting type: PIPING FITTINGS

Design registered in the name of : KNICKERBOCKER MACHINE SHOP INC

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

This is registration of CRN renewal only. There are no changes to design.

As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction is B16.11.

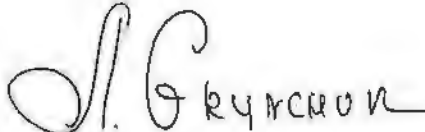
- This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form.*
- This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system 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.

Enclosed are stamped prints for your reference.

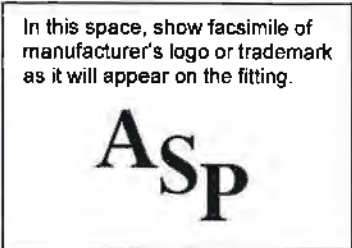
If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3330 or fax (780) 437-7787 or e-mail grynchuk@absa.ca.

Sincerely,



GRYNCHUK, MILLA, P. Eng.
DOP Cert. No. D00005217

STATUTORY DECLARATION Registration of Fittings



I, Annemarie Appleton, President of Knickerbocker Machine Shop Inc dba Alloy Stainless Products Company located at 611 Union Boulevard, Totowa, NJ 07512

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (check one)

- comply with the requirements of B16.11, MSS-SP-79/SP-83/SP-114 which specifies the dimensions, materials of construction, pressure/temperature ratings and identification marking of the fittings, or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with...

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, Hartford Steam Boiler as being suitable for the manufacture of these fittings to the stated standard.

See scope document 13442s-1 R0 (brief description of fittings)

In support of this 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 County of Passaic of this 10th day of December, 2018

Notary Public information including name Tiffany Rogers and commission details.

Signature of applicant Annemarie Appleton

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, Clause 4.2, and is accepted for registration in Category A

Registration Number: OA03436.52 (Signature of the Administrator/SCO)

Date Registered: APR 07 2019 Expiry Date: 2019-04-01

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.

Handwritten signature/initials: ERN Tehouac

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

HSH

SAFETY CODES ACT - PROVINCE OF ALBERTA

REGISTRATION OF FITTINGS

0A03436-52

REGISTRATION NO. _____

Scope 13442s-1, P.O. *CRN Renewal*

DWG. NO. or CAT. NO. _____

TYPE OF FITTINGS *Pipely Fittings*

APR 07 2019

INITIALS *[Signature]*

Date _____

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

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

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- 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

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