

REGISTRATION OF A PRESSURE FITTING DESIGN

02-Dec-20

TSSA
345 Carlingview Drive
Toronto, Ontario
M9W 6N9**Attention: Tanya Francis****File Number: 11804 [0 F]****Re: Manufacturer: Conbraco Industries, Inc.**
Item: Water Gauges
Catalog or Drawing: Design Report R-1259 Rev. 0 & Scope of Registration (12-Jun-20)

TSASK Codes and Standards Compliance has registered the design listed above in accordance with The Boiler and Pressure Vessel Act and Regulations and CSA B51. The Canadian Registration Number (CRN) is:

OF6616.53 Expiry Date: July 31, 2030

Please note that every fitting shall be constructed in strict accordance with the registered design.

Fitting registrations are required to be resubmitted for validation after ten (10) years from the registration date in accordance with CSA B51, Clause 4.2.1.

Should you require anything further, please do not hesitate to contact the Codes and Standards Compliance Office at your convenience.

Yours truly,

Athan Syrgiannis, P.Eng.
Codes and Standards Compliance**Remarks:**

A valid quality control program must be maintained at the production facilities for the fitting registration to remain valid until the expiry date.

This registration includes the current scope of registration as well as the original registered design which was not previously registered in Saskatchewan.

Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, DAVID EDMONDS

SENIOR PROJECT ENGINEER

(company title, e.g. vice president, plant manager, chief engineer)
(must be in a position of authority in the manufacturing plant where the fitting is produced)

of: CONBRACO INDUSTRIES, INC.

(name of manufacturer)

located at: 1418 S. PEARL STREET

(Plant Address – Apt/Street)

PAGELAND, SC

(City/Prov)

29728, U.S.A.

(Postal Code)

do solemnly declare that the fittings listed hereunder, which are subject to the **Saskatchewan Boiler and Pressure Vessel Safety Act** (check one)

☒ Comply with the requirements of ASME B31.1, ASME B31.3 which specifies the dimensions,
(title of recognized North American Standard)
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 _____ as supported by the attached data which identifies the dimensions, materials of construction, pressure / temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, ISO 9001:2015 NSAI as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are CATEGORY F

In support of this application, the following information, calculations and / or test data are attached:

SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS, WORLDWIDE LOCATIONS APPENDIX



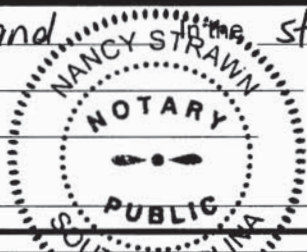
II. Declaration

DECLARED before me at Pageland state South Carolina

this 18th day of June, 2020

Nancy Strawn
(print name)

Nancy Strawn
(Signature of Commissioner of Oaths)



[Signature]
(Signature)

III. Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the **Boiler and Pressure Vessel Safety Act** and CSA B51, Clause 4.2, and is accepted for registration in Category _____



**Technical
Safety Authority
of Saskatchewan**

Registration No. OF6616.53

File No. 11804

Registered

Date: December 2, 2020

Expiry Date: July 31, 2030

Codes & Standards Compliance Office

(Date Registered – MM DD YYYY)
(For the Administrator / Chief Inspector)

(Expiry Date – MM DD YYYY)

Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, DAVID EDMONDS
SENIOR PROJECT ENGINEER
(company title, e.g. vice president, plant manager, chief engineer)
(must be in a position of authority in the manufacturing plant where the fitting is produced)

of: CONBRACO INDUSTRIES, INC.
(name of manufacturer)

located at: 1418 S. PEARL STREET PAGELAND, SC 29728, U.S.A.
(Plant Address – Apt/Street) (City, Prov) (Postal Code)

do solemnly declare that the fittings listed hereinunder, which are subject to the **Saskatchewan Boiler and Pressure Vessel Safety Act** (check one)

- ☒ Comply with the requirements of ASME B31.1, ASME B31.3 which specifies the dimensions,
(title of recognized North American Standard)
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 _____ as supported by the attached data which identifies the dimensions, materials of construction, pressure / temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, ISO 9001:2015 NSAI as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are CATEGORY F

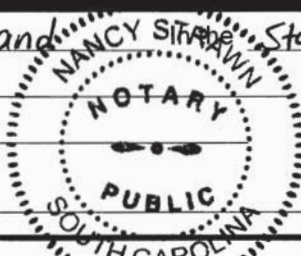
In support of this application, the following information, calculations and / or test data are attached:

**SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS, WORLDWIDE LOCATIONS
APPENDIX**



II. Declaration

DECLARED before me at Pageland South Carolina State of South Carolina
this 18th day of June, 2020
Nancy Strawn (print name) [Signature] (Signature)
Nancy Strawn (Signature of Commissioner of Oaths)



III. Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the **Boiler and Pressure Vessel Safety Act** and CSA B51, Clause 4.2, and is accepted for registration in Category _____

**Technical
Safety Authority
of Saskatchewan**

Registration No. OF6616.53
File No. 11804
Registered
Date: December 2, 2020
Expiry Date: July 31, 2030
Codes & Standards Compliance Office

(Date Registered – MM DD YYYY)
(For the Administrator / Chief Inspector)

(Expiry Date – MM DD YYYY)

CONBRACO INDUSTRIES, INC.

1418 S. PEARL STREET
 PAGELAND, SC
 29728, USA



24-Jan-24

PAGE 1 OF 4

SCOPE OF CRN REGISTRATION

Series Number	Size NPT	Standard Glass (Note 2)	Standard Stem Packing	Standard Glass Packing	Body Material	Body Rating (Note 1,2,3)	
						MAWP at 100°F	MAWP at MAWT
20-101	3/8	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	300 psig	125 psig at 350°F
20-102	3/8	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	300 psig	125 psig at 350°F
20-104	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	300 psig	125 psig at 350°F
20LF-104	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	LF Brass ASTM B584 UNS C89836	300 psig	Max Temp = 100°F
20-105	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	300 psig	125 psig at 350°F
20LF-105	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	LF Brass ASTM B584 UNS C89836	300 psig	Max Temp = 100°F
20-150	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	300 psig	125 psig at 350°F
20-151	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	300 psig	125 psig at 350°F
20-201	3/8	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F
20-202	3/8	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F
20-204	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F
20-205	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F
20-207	3/4	3/4-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F
20-208	3/4	3/4-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F
20-250	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F
20-251	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F
20-253	3/4	3/4-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F
20-254	3/4	3/4-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F
20-304	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F
20-305	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F
20-307	3/4	3/4-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F
20-308	3/4	3/4-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F
20-350	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F
20-351	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F



SCOPE OF CRN REGISTRATION

Series Number	Size NPT	Standard Glass (Note 2)	Standard Stem Packing	Standard Glass Packing	Body Material	Body Rating (Note 1,2,3)	
						MAWP at 100°F	MAWP at MAWT
20-353	3/4	3/4-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F
20-354	3/4	3/4-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F
20-410	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	300 psig	125 psig at 350°F
20-601	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	500 psig	250 psig at 400°F
20-602	3/4	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	500 psig	250 psig at 400°F
20-604	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F
20-605	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F
20-703	3/8	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	300 psig	125 psig at 350°F
20-704	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	300 psig	125 psig at 350°F
20-713	3/8	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	300 psig	125 psig at 350°F
20-714	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	300 psig	125 psig at 350°F
20-804	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F
20-805	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F
21-104	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	300 psig	125 psig at 350°F
21-105	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	300 psig	125 psig at 350°F
21-150	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	300 psig	125 psig at 350°F
21-151	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	300 psig	125 psig at 350°F
21-204	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F
21-205	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F
21-250	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F
21-251	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F
23-401	1/2	5/8-HPG	TFE/HYP.SP	TFE/HYP.GP	Stainless ASTM A351-CF8M	500 psig	500 psig at 450°F
23-402	1/2	5/8-HPG	TFE/HYP.SP	TFE/HYP.GP	Stainless ASTM A351-CF8M	500 psig	500 psig at 450°F
23-404	3/4	3/4-HPG	TFE/HYP.SP	TFE/HYP.GP	Stainless ASTM A351-CF8M	500 psig	500 psig at 450°F
23-405	3/4	3/4-HPG	TFE/HYP.SP	TFE/HYP.GP	Stainless ASTM A351-CF8M	500 psig	500 psig at 450°F



SCOPE OF CRN REGISTRATION

Series Number	Size NPT	Standard Glass (Note 2)	Standard Stem Packing	Standard Glass Packing	Body Material	Body Rating (Note 1,2,3)	
						MAWP at 100°F	MAWP at MAWT
23-450	1/2	5/8-HPG	TFE/HYP.SP	TFE/HYP.GP	Stainless ASTM A351-CF8M	500 psig	500 psig at 450°F
23-451	1/2	5/8-HPG	TFE/HYP.SP	TFE/HYP.GP	Stainless ASTM A351-CF8M	500 psig	500 psig at 450°F
23-453	3/4	3/4-HPG	TFE/HYP.SP	TFE/HYP.GP	Stainless ASTM A351-CF8M	500 psig	500 psig at 450°F
23-454	3/4	3/4-HPG	TFE/HYP.SP	TFE/HYP.GP	Stainless ASTM A351-CF8M	500 psig	500 psig at 450°F
23-651	1/2	5/8-HPG	TFE/HYP.SP	TFE/GP	Stainless ASTM A351-CF8M	250 psig	250 psig at 406°F
23-654	3/4	5/8-HPG	TFE/HYP.SP	TFE/GP	Stainless ASTM A351-CF8M	250 psig	250 psig at 406°F
24-301	1/2	5/8-HPG	TFE/HYP.SP	TFE/HYP.GP	Brass ASTM B584 UNS C84400	500 psig	250 psig at 400°F
24-302	1/2	5/8-HPG	TFE/HYP.SP	TFE/HYP.GP	Brass ASTM B584 UNS C84400	500 psig	250 psig at 400°F
24-304	3/4	3/4-HPG	TFE/HYP.SP	TFE/HYP.GP	Brass ASTM B584 UNS C84400	500 psig	250 psig at 400°F
24-305	3/4	3/4-HPG	TFE/HYP.SP	TFE.GP	Brass ASTM B584 UNS C84400	500 psig	250 psig at 400°F
24-350	1/2	5/8-HPG	TFE/HYP.SP	TFE.GP	Brass ASTM B584 UNS C84400	500 psig	250 psig at 400°F
24-351	1/2	5/8-HPG	TFE/HYP.SP	TFE/HYP.GP	Brass ASTM B584 UNS C84400	500 psig	250 psig at 400°F
24-353	3/4	3/4-HPG	TFE/HYP.SP	TFE.GP	Brass ASTM B584 UNS C84400	500 psig	250 psig at 400°F
24-354	3/4	3/4-HPG	TFE/HYP.SP	TFE.GP	Brass ASTM B584 UNS C84400	500 psig	250 psig at 400°F
24-601	1/2	5/8-HPG	TFE/HYP.SP	TFE/HYP.GP	Brass ASTM B584 UNS C84400	500 psig	250 psig at 400°F
24-602	3/4	3/4-HPG	TFE/HYP.SP	TFE/HYP.GP	Brass ASTM B584 UNS C84400	500 psig	250 psig at 400°F
24-651	1/2	5/8-HPG	TFE/HYP.SP	TFE/HYP.GP	Brass ASTM B584 UNS C84400	500 psig	250 psig at 400°F
24-652	3/4	3/4-HPG	TFE/HYP.SP	TFE/HYP.GP	Brass ASTM B584 UNS C84400	500 psig	250 psig at 400°F
25-201	3/8	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F
25-202	3/8	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F
25-204	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F
25-205	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F
25-207	3/4	3/4-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F
25-208	3/4	3/4-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	400 psig	200 psig at 400°F
25-404	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B16 UNS C36000	300 psig	125 psig at 350°F



SCOPE OF CRN REGISTRATION

Series Number	Size NPT	Standard Glass (Note 2)	Standard Stem Packing	Standard Glass Packing	Body Material	Body Rating (Note 1,2,3)	
						MAWP at 100°F	MAWP at MAWT
25-405	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B16 UNS C36000	300 psig	125 psig at 350°F
25-407	3/4	3/4-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B16 UNS C36000	300 psig	125 psig at 350°F
25-408	3/4	3/4-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B16 UNS C36000	300 psig	125 psig at 350°F
25-501	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B16 UNS C36000	400 psig	200 psig at 400°F
25-502	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B16 UNS C36000	400 psig	200 psig at 400°F
25-504	3/4	3/4-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B16 UNS C36000	400 psig	200 psig at 400°F
25-505	3/4	3/4-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B16 UNS C36000	400 psig	200 psig at 400°F
25-601	1/2	5/8-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	500 psig	250 psig at 400°F
25-602	3/4	3/4-Standard	TFE/HYP.SP	EPDM.GP	Brass ASTM B584 UNS C84400	500 psig	250 psig at 400°F

NOTES

Note 1: MAWP = Maximum Allowable Working Pressure, MAWT = Maximum Allowable Working Temperature.

Note 2: The pressure-temperature ratings shown are the maximum CRN pressure-temperature ratings.

In all cases the MAWP may be limited by the pressure-temperature ratings of the tubular gauge glass.

See attached tubular gauge glass pressure ratings.

Note 3: For low temperature operation the products shall conform to the rules of the applicable codes under which they are used.

Note 4: For Oil related service Viton glass gasket sets are available for each series.

Note 5: The following options are available:

HPG High Pressure Glass
 RLG Red Line Glass
 HYP.GP Hypalon Glass Packing
 VIT.GP Viton Glass Packing
 TFEGP Teflon Glass Packing
 TFE/HYP.SP Teflon with Hypalon Stem Packing
 GGP Graphite Glass Packing
 GSP Graphite Stem Packing

Note 6: Minimum Design Metal Temperature (MDMT) = -20°F

Note 7: Corrosion Allowance = 0

Note 8: See attached list of manufacturing locations applicable to this CRN.

CONBRACO INDUSTRIES, INC.

1418 S. PEARL STREET
 PAGELAND, SC
 29728, USA



12-Jun-20

PAGE 1 OF 1

TUBULAR GAUGE GLASS PRESSURE-TEMPERATURE RATINGS

In all cases the pressure-temperature ratings of the liquid level gauges are limited by the pressure-temperature ratings of the tubular gauge glass.

MAXIMUM RECOMMENDED WORKING PRESSURE (PSI)							
TYPE	OD SIZE	TOL.	WALL	TOL.	LENGTH	TEMP. TO 150°F, NO CORROSION	STEAM BOILER SERVICE TO 450°F
Standard	5/8	+0, -3/64	5/64	+1/64	8	210	100
Standard	5/8	+0, -3/64	5/64	+1/64	10	210	100
Standard	5/8	+0, -3/64	5/64	+1/64	12	205	100
Standard	5/8	+0, -3/64	5/64	+1/64	14	200	100
Standard	5/8	+0, -3/64	5/64	+1/64	16	195	100
Standard	5/8	+0, -3/64	5/64	+1/64	18	190	100
Standard	5/8	+0, -3/64	5/64	+1/64	24	180	100
Standard	5/8	+0, -3/64	5/64	+1/64	30	175	**
Standard	5/8	+0, -3/64	5/64	+1/64	36	165	**
Standard	5/8	+0, -3/64	5/64	+1/64	48	140	**
Standard	5/8	+0, -3/64	5/64	+1/64	60	120	**
Standard	5/8	+0, -3/64	5/64	+1/64	72	100	**
Standard	3/4	+0, -3/64	3/32	+1/64	8	210	100
Standard	3/4	+0, -3/64	3/32	+1/64	10	210	100
Standard	3/4	+0, -3/64	3/32	+1/64	12	205	100
Standard	3/4	+0, -3/64	3/32	+1/64	14	200	100
Standard	3/4	+0, -3/64	3/32	+1/64	16	195	100
Standard	3/4	+0, -3/64	3/32	+1/64	18	190	100
Standard	3/4	+0, -3/64	3/32	+1/64	24	180	100
Standard	3/4	+0, -3/64	3/32	+1/64	30	175	**
Standard	3/4	+0, -3/64	3/32	+1/64	36	165	**
Standard	3/4	+0, -3/64	3/32	+1/64	48	140	**
Standard	3/4	+0, -3/64	3/32	+1/64	60	120	**
Standard	3/4	+0, -3/64	3/32	+1/64	72	100	**
High Pressure	5/8	+0, -1/32	3/32	+1/64	8	435	320
High Pressure	5/8	+0, -1/32	3/32	+1/64	10	420	315
High Pressure	5/8	+0, -1/32	3/32	+1/64	12	410	305
High Pressure	5/8	+0, -1/32	3/32	+1/64	14	390	295
High Pressure	5/8	+0, -1/32	3/32	+1/64	16	375	285
High Pressure	5/8	+0, -1/32	3/32	+1/64	18	360	280
High Pressure	5/8	+0, -1/32	3/32	+1/64	20	350	270
High Pressure	5/8	+0, -1/32	3/32	+1/64	24	320	255
High Pressure	5/8	+0, -1/32	3/32	+1/64	30	280	**
High Pressure	5/8	+0, -1/32	3/32	+1/64	36	245	**
High Pressure	5/8	+0, -1/32	3/32	+1/64	48	195	**
High Pressure	5/8	+0, -1/32	3/32	+1/64	60	150	**
High Pressure	5/8	+0, -1/32	3/32	+1/64	72	100	**
High Pressure	3/4	+0, -1/32	3/32	+1/64	8	425	315
High Pressure	3/4	+0, -1/32	3/32	+1/64	10	410	310
High Pressure	3/4	+0, -1/32	3/32	+1/64	12	400	300
High Pressure	3/4	+0, -1/32	3/32	+1/64	14	385	290
High Pressure	3/4	+0, -1/32	3/32	+1/64	16	370	280
High Pressure	3/4	+0, -1/32	3/32	+1/64	18	355	275
High Pressure	3/4	+0, -1/32	3/32	+1/64	20	345	265
High Pressure	3/4	+0, -1/32	3/32	+1/64	24	315	250
High Pressure	3/4	+0, -1/32	3/32	+1/64	30	275	**
High Pressure	3/4	+0, -1/32	3/32	+1/64	36	240	**
High Pressure	3/4	+0, -1/32	3/32	+1/64	48	190	**
High Pressure	3/4	+0, -1/32	3/32	+1/64	60	145	**
High Pressure	3/4	+0, -1/32	3/32	+1/64	72	100	**
Redline	5/8	+0, -1/32	3/32	+1/64	8	370	285
Redline	5/8	+0, -1/32	3/32	+1/64	10	345	280
Redline	5/8	+0, -1/32	3/32	+1/64	12	335	280
Redline	5/8	+0, -1/32	3/32	+1/64	14	325	275
Redline	5/8	+0, -1/32	3/32	+1/64	16	315	270
Redline	5/8	+0, -1/32	3/32	+1/64	18	305	265

Redline	5/8	+0, -1/32	3/32	+1/64	20	290	265
Redline	5/8	+0, -1/32	3/32	+1/64	24	265	255
Redline	5/8	+0, -1/32	3/32	+1/64	30	235	**
Redline	5/8	+0, -1/32	3/32	+1/64	36	205	**
Redline	5/8	+0, -1/32	3/32	+1/64	48	165	**
Redline	5/8	+0, -1/32	3/32	+1/64	60	125	**
Redline	5/8	+0, -1/32	3/32	+1/64	72	90	**
Redline	3/4	+0, -1/32	3/32	+1/64	8	360	280
Redline	3/4	+0, -1/32	3/32	+1/64	10	340	275
Redline	3/4	+0, -1/32	3/32	+1/64	12	330	275
Redline	3/4	+0, -1/32	3/32	+1/64	14	320	270
Redline	3/4	+0, -1/32	3/32	+1/64	16	310	265
Redline	3/4	+0, -1/32	3/32	+1/64	18	300	260
Redline	3/4	+0, -1/32	3/32	+1/64	20	285	260
Redline	3/4	+0, -1/32	3/32	+1/64	24	260	250
Redline	3/4	+0, -1/32	3/32	+1/64	30	230	**
Redline	3/4	+0, -1/32	3/32	+1/64	36	200	**
Redline	3/4	+0, -1/32	3/32	+1/64	48	160	**
Redline	3/4	+0, -1/32	3/32	+1/64	60	125	**
Redline	3/4	+0, -1/32	3/32	+1/64	72	90	**

** Maximum recommended length in this service is 24".



WORLDWIDE LOCATIONS APPENDIX – PAGE 1 OF 1

**CONBRACO INDUSTRIES, INC. LOCATIONS
& CERTIFYING AUTHORITIES**

(rev. May 9, 2020)

Conbraco Industries, Inc.

1418 S. Pearl Street
Pageland, SC 29728
USA

ISO 9001 Certified by NSAI

Conbraco Industries, Inc.

1509 South Van Lingle
Mungo Blvd
Pageland, SC 29728

ISO 9001 Certified by NSAI

Conbraco Industries, Inc.

701 Matthews Mint Hill Road
Matthews, NC 28105

ISO 9001 Certified by NSAI

Conbraco Industries, Inc.

125 Highway 501 East
Conway, SC 29526

ISO 9001 Certified by NSAI

	Technical Safety Authority of Saskatchewan
Registration No.	OF6616.53
File No.	11804
	Registered
Date:	December 2, 2020
Expiry Date:	July 31, 2030
Codes & Standards Compliance Office	