

September 19, 2020

Attention: Tanya Francis
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO, ON M9W 6N9

The design submission, tracking number 2020-04402, originally received on September 03, 2020 was surveyed and accepted for registration as follows:

CRN : 0F06616.52 **Accepted on:** September 19, 2020
Reg Type: ADDITION TO ACC. FITTING **Expiry Date:** July 31, 2030
Drawing No. : SCOPE OF CRN REGISTRATION
Fitting type: WATER GAUGES
Design registered in the name of : CONBRACO INDUSTRIES, INC

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

- ** The Scope of this Registration include 10-years renewal, addition of Series # 20LF-104 & 20LF-105F.*
- ** Four manufacturing locations are covered under this registration, see the attached Worldwide Locations Appendix*

As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction are ASME B31.1 and ASME B31.3.

- 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 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 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.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3337 or fax (780) 437-7787 or e-mail Dick@absa.ca.

Sincerely,



DICK, ASHLING, P. Eng.
DOP Cert. No. D00007936

STATUTORY DECLARATION
Registration of Fittings
Single or Multiple Fitting Designs within one Fitting Category



I, David Edmonds, Senior Project Engineer
(name of applicant) (position title) (must be in a position of authority)
of Conbraco Industries, Inc.
(name of manufacturer)

located at See Attached Worldwide Locations Appendix
(plant address)

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

- comply with the requirements of ASME B31.3, ASME B31.1 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 (title of code of construction or other applicable document) attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the identification marking of the fittings.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified as described in the below Table as being suitable for the manufacturing of these fittings to the stated standard, regulation, code, guideline or other applicable document. The fittings covered by the declaration for which I seek registration are as provided in the Supplementary Sheet(s) attached.

Quality Program Verification and Manufacturing Sites

A copy of the Quality Certificate from each manufacturing site must be included

Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	Water Gauges	ISO 9001:2015	See Attached Scope of CRN	September 14, 2021	NSAI	See Attached Locations Appendix
2.						

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

Scope of CRN, Drawings, Calculations, Reports, Worldwide Locations Appendix **

D. Phelan
(Signature of the Declarer)

6-16-20
(Date)

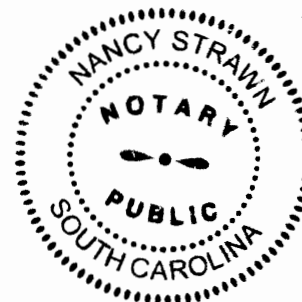
DECLARED before me at Pageland in the state of South Carolina
(city) (province, territory, or state)

this 18th day of June, 2020
(Month) (Year)

(print) Nancy Strawn
(a Commissioner of Oaths or Notary Public)

(sign) *Nancy Strawn*
(a Commissioner of Oaths or Notary Public)

09/04/24
(expiry date (mm/dd/yy))



Commissioner of Oaths / Notary Public in and for: South Carolina
(province, territory, or state)

For ABSA Office Use Only:

NOTES: ** The Scope of this Registration include 10-years renewal, addition of Series # 20LF-104 & 20LF-105F.
There is 4 manufacturing locations covered by this registration.

<p>To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Part 1, Clause 4.2, and is accepted for registration in Category _____.</p> <p>CRN: _____</p> <p>Registered Date: _____</p> <p>Expiry Date: _____</p> <p>Signature: _____ (Signature of the Administrator/SCO)</p> <p>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</p>	<p>2020-04402</p> <p style="text-align: center;">ABSA</p> <p style="text-align: center;">SAFETY CODES ACT - PROVINCE OF ALBERTA</p> <p style="text-align: center;">ACCEPTED: 0F06616.52</p> <p style="text-align: center;">See acceptance letter for conditions of registration.</p> <p>Date: 2020-09-19 By: <u><i>Ashling Dick</i></u> ASHLING DICK, P. Eng.</p> <p><small>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.</small></p>
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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.



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.

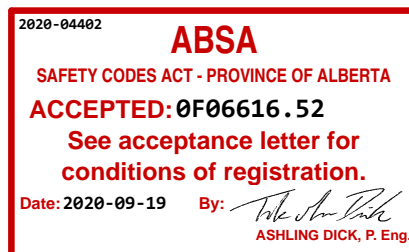
701 Matthews Mint Hill Road
Matthews, NC 28105

ISO 9001 Certified by NSAI

Conbraco Industries, Inc.

125 Highway 501 East
Conway, SC 29526

ISO 9001 Certified by NSAI



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.