

## REGISTRATION OF A PRESSURE FITTING DESIGN

February 7, 2024

TSSA  
345 Carlingview Dr.  
Toronto, ON  
Canada  
M9W 6N9

**Attention: Cecylia Garbacz**

**File Number: 100315**

**Re: Manufacturer: Branham Corporation**  
**Item: Flexible Hose Assemblies**  
**Catalog or Drawing: Per CRN Scope of Registration**

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:

**0D15392.53**

**Expiry Date: 2033-12-21**

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:**

CRN renewal. No changes to the original scope of registration.

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



**THIS IS PART OF CRN**  
**OD15392.5R2**  
 Technical Standards and Safety Authority  
 Boilers and Pressure Vessels Safety  
 Program



# CRN Scope of Registration

Type	Hose Assembly Full Description	Assy Burst Pressure PSI@70°F	Drawing number
CRN-1	1/2" x 24" OAL 316L SS Corrugated Metal Hose, 304SS Single Braid, 316SS MNPT x 316SS SCH40 Flange Retainer w/ 316SS 150 Lb. Lap Joint Flange	4600	CMH-TYPE1-A
CRN-2	1/2" x 24" OAL 316L SS Corrugated Metal Hose, 304SS Single Braid, 316SS F Cam and Groove x 316SS Sanitary	3200	CMH-TYPE1-B
CRN-3	3" x 24" OAL 316L SS Corrugated Metal Hose, 304SS Single Braid, 316SS MNPT x 316SS SCH40 Flange Reatainer w/ 316SS 150 Lb. Lap Joint Flange	1700	CMH-TYPE1-A
CRN-4	3" x 24" OAL 316L SS Corrugated Metal Hose, 304SS Single Braid, 316SS F Cam and Groove x 316SS Sanitary	1500	CMH-TYPE1-B
CRN-5	8" x 24" OAL 316L SS Corrugated Metal Hose, 304SS Single Braid, 316SS MNPT x 316SS SCH40 Flange Retainer w/ 316SS 150 Lb. Lap Joint Flange	1100	CMH-TYPE1-A
CRN-6	6" x 24" OAL 316L SS Corrugated Metal Hose, 304SS Single Braid, 316SS F Cam and Groove x 316SS Sanitary	625	CMH-TYPE1-B
CRN-7	1/2" x 24" OAL PTFE Lined Hose, Rubber Cover, 316SS MNPT x 316SS SCH40 Flange Retainer w/ 316SS 150 Lb. Lap Joint Flange	2600	TLH-TYPE2-A
CRN-8	1/2" x 24" OAL PTFE Lined Hose, Rubber Cover, 316SS F Cam and Groove x 316SS Sanitary	2400	TLH-TYPE2-B
CRN-9	2" x 24" OAL PTFE Lined Hose, Rubber Cover, 316SS MNPT x 316SS SCH40 Flange Retainer w/ 316SS 150 Lb. Lap Joint Flange	1200	TLH-TYPE2-A
CRN-10	2" x 24" OAL PTFE Lined Hose, Rubber Cover, 316SS F Cam and Groove x 316SS Sanitary	1250	TLH-TYPE2-B
CRN-11	1/2" x 24" OAL PTFE Convoluted Braided Hose, 316SS MNPT x 316SS SCH40, 316SS SCH40 Stubend x 316SS 150 Lb. Flange	6150	TLH-TYPE3-A
CRN-12	1/2" x 24" OAL PTFE Convoluted Braided Hose, 316SS Sanitary Fitting x 316SS Female Camlock	3100	TLH-TYPE3-B
CRN-13	2" x 24" OAL PTFE Convoluted Braided Hose, 316SS MNPT x 316SS SCH40, 316SS SCH40 Stubend x 316SS 150 Lb. Flange	3000	TLH-TYPE3-A
CRN-14	2" x 24" OAL PTFE Convoluted Braided Hose, 316SS Sanitary Fitting x 316SS Female Camlock	1100	TLH-TYPE3-B
CRN-15	1" x 24" OAL Convoluted PTFE Braided Hose, 316SS Female Camlock Flare-Thru x 316SS Flare-Thru Stub End x 316SS 150 Lb. Flange	2425	TLH-TYPE4-A
CRN-16	2" x 24" OAL Convoluted PTFE Braided Hose, 316SS Female Camlock Flare-Thru x 316SS Flare-Thru Stubend x 316SS 150 Lb. Flange	1375	TLH-TYPE4-A
CRN-17	1" x 24" OAL Smoothbore PTFE Braided Rubber Covered Hose, 316SS Female Camlock Flare-Thru x 316SS Flare-Thru Stubend x 316SS 150 Lb. Flange	1800	TLH-TYPE5-A
CRN-18	2" x 24" OAL Smoothbore PTFE Braided Rubber Covered Hose, 316SS Female Camlock Flare-Thru x 316SS Flare-Thru Stub End x 316SS 150 Lb. Flange	1400	TLH-TYPE5-A
CRN-19	1" x 24" OAL PPL Composite Hose Assy, 316SS MNPT SCH40, 316SS SCH40 Stubend x 316SS 150 Lb. Flange	2400	CMP-TYPE6-A
CRN-20	1" x 24" OAL PPL Composite Hose Assy, 316SS Sanitary Fitting x 316SS Female Camlock	2400	CMP-TYPE6-B
CRN-21	3" x 24" OAL PPL Composite Hose, 316SS MNPT SCH40, 316SS SCH40 Stubend x 316SS 150 Lb. Flange	1225	CMP-TYPE6-A
CRN-22	3" x 24" OAL PPL Composite Hose Assy, 316SS Sanitary Fitting x 316SS Female Camlock	1100	CMP-TYPE6-B
CRN-23	1" x 24" UHMWPE Rubber Covered Hose Assy, 316SS Single Braid, 316SS MNPT x 316SS SCH40 Flange Retainer w/ 316SS 150 Lb. Lap Joint Flange	1800	HMW-TYPE7-A
CRN-24	1" x 24" UHMWPE Rubber Covered Hose Assy, 316SS Single Braid, F Cam and Groove x 316SS Sanitary	1900	HMW-TYPE7-B
CRN-39	2" x 24" UHMWPE Rubber Covered Hose Assy, 316SS Single Braid, 316 SS MNPT x 316SS SCH40 Flange Retainer w/ 316SS 150 Lb. Lap Joint Flange	1500	HMW-TYPE7-A
CRN-40	2" x 24" OAL UHMWPE Rubber Covered Hose Assy, 316SS Single Braid, F Cam and Groove x 316SS Sanitary	1500	HMW-TYPE7-B
<del>CRN-25</del>	<del>3/4" x 24" Goodyear Flexsteel 250 Steamhose, 316SS MNPT, 316SS Ground Joint</del>	<del>5900</del>	<del>RBR-TYPE8-A</del>
<del>CRN-26</del>	<del>3/4" x 24" OAL Eaton concord 250 Steamhose, 316SS MNPT, 316SS Ground Joint</del>	<del>5600</del>	<del>RBR-TYPE9-A</del>
CRN-27	1/2" x 24" OAL PTFE Convoluted Non Flare-Thru SS Braided Hose Assy, 316 SS MNPT SCH 40, 316SS SCH 40 Stubend x 316SS 150LB Flange	4600	TLH-TYPE10-A
CRN-28	1/2" x 24" OAL PTFE Convoluted Non-Flare-Thru SS Braided Hose Assy, 316SS Sanitary Fitting x 316SS Female Camlock	2300	TLH-TYPE10-B
CRN-29	2" x 24" OAL PTFE Convoluted Non Flare-Thru SS Braided Hose Assy, 316SS MNPT SCH40, 316SS SCH40 Stub End x 316SS 150 Lb. Flange	1600	TLH-TYPE10-A
CRN-30	2" x 24" OAL PTFE Convoluted Non Flare-Thru SS Braided Hose Assy, 316SS Sanitary Fitting x 316SS Female Camlock	1100	TLH-TYPE10-B
CRN-31	1/2" x 24" OAL PTFE Convoluted Non-Flare-Thru Poly Braided Hose Assy, 316SS MNPT SCH 40 x 316SS SCH40 Stubend x 316SS 150 Lb. Flange	1500	TLH-TYPE11-A
CRN-32	1/2" x 24" OAL PTFE Convoluted Non Flare-Thru Poly Braided Hose Assy, 316SS Sanitary Fitting x 316SS Female Camlock	1800	TLH-TYPE11-B
CRN-33	2" x 24" OAL PTFE Convoluted Non Flare-Thru Poly Braided Hose Assy, 316SS MNPT x 316SS SCH40 Stub End w/ 316SS 150 Lb. Flange	1200	TLH-TYPE11-A
CRN-34	2" x 24" OAL PTFE Convoluted Non Flare-Thru Poly Braided Hose Assy, 316SS Sanitary Fitting x 316SS Female Camlock	1000	TLH-TYPE11-B
CRN-35	1/2" x 24" OAL PTFE Smoothbore Braided Rubber Covered Non Flare-Thru Hose Assy, 316SS Sanitary Fitting x 316SS Female Camlock	3100	TLH-TYPE12-B
CRN-36	1/2" x 24" OAL PTFE Smoothbore Braided Rubber Covered Non- Flare-Thru Hose Assy, 316SS MNPT SCH40, 316SS SCH40 Stubend x 316SS 150 Lb. Flange	4200	TLH-TYPE12-A
CRN-37	2" x 24" OAL PTFE Smoothbore Braided Rubber Covered Non Flare-Thru Hose Assy, Hose, 316SS MNPT SCH 40, 316SS SCH40 Stubend x 316SS 150 Lb. Flange	2200	TLH-TYPE12-A
CRN-38	2" x 24" OAL PTFE Smoothbore Braided Rubber Covered Non Flare-Thru Hose Assy, 316SS Sanitary Fitting x 316SS Female Camlock	2100	TLH-TYPE12-B
CRN-41	3/4" x 6" to 600" 316L SS Corrugated Metal Hose Assy, 304SS Double Braid, 316SS 150# Raised Face Weld Neck Flange one end x 316SS 40A Stubend with 316SS	5000	FMH-TYPE1-B

