

REGISTRATION OF A PRESSURE FITTING DESIGN

20-Jun-22

ABSA
9410 20th Avenue NW
Edmonton, AB
T6N 0A4

Attention: Kristine Trepanier

File Number: 13122 [0 F]

Re: Manufacturer: Crane Instrumentation Sampling, Inc.
Item: Pressure Regulators
Catalog or Drawing: Per Scope of Registration, Product Brochures & Supporting Drawings

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:

0C21718.23 Expiry Date: August 25, 2031

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:

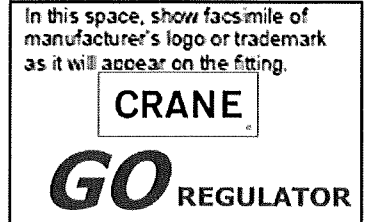
Addition to existing design.

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

Conditional upon compliance with the notes on the original ABSA registration.

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

I, Paul Wright, Engineering Supervisor
(name of applicant) (position title) (must be in a position of authority)
of Crane Instrumentation & Sampling PFT Corp.
(name of manufacturer)
located at 405 Centura Court, Spartanburg, SC, 29303 USA
(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 _____ 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 ASME B31.3 2020 Ed. 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.	GO REGULATORS PER SCOPE OF REGISTRATION	ISO 9001:2015	DESIGN, MANUFACTURE AND ASSEMBLY OF FLUID AND GAS CONTROL VALVES, ACTUATORS, REGULATORS, TUBE FITTINGS, SAMPLING CYLINDERS, QUICK	10/21/2023	SAI GLOBAL	405 CENTURA COURT, SPARTANBURG, SC 29303 USA
2.						

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

ER-PR7_PR59CRN_REV- , SCOPE OF REGISTRATION, BURST TEST REPORTS, CALCULATIONS, QC CERTIFICATE

Paul Weidt
(Signature of the Declarer)

2022-04-08
(Date)

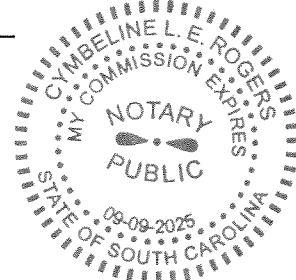
DECLARED before me at Spartanburg in the State of South Carolina
(city) (province, territory, or state)

this 8th day of April, 2022
(Month) (Year)

(print) Cymbeline L.E. Rogers
(a Commissioner of Oaths or Notary Public)

(sign) Cymbeline L.E. Rogers
(a Commissioner of Oaths or Notary Public)

09/09/25
(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: _____

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 _____.

CRN: _____

Registered Date: _____

Expiry Date: _____

Signature: _____
(Signature of the Administrator/SCO)

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

Technical Safety Authority of Saskatchewan

Registration No. 0C21718.23

File No. 13122

Registered

Date: June 20, 2022

Expiry Date: August 25, 2031

Codes & Standards Compliance Office

Table 1 Scope of Fitting Designs**

Item #	Primary Pressure Bearing / Retaining Component	Material of Construction	Port Connections and Size Range	MDMT	Rated Pressure		Pressure Class(es) / Schedule(s)	Design Code(s) of Construction	Reference Catalogue (pages) or Drawing(s)
					At Ambient Temperature	At Maximum Temperature			
			See Scope of Registration						

Table 2 Additional Scope Information

List/Attach Additional Detail and References (Product Configurations, Options, Illustrations, etc.)
Example:
Series X Options

** For additional alternatives of Table 1, refer to Form AB-41a, Guide for Completing Form AB-41

GO Regulator Series	Main Pressure Bearing Components	Conn. Sizes	Min. Design Metal Temp. (MDMT)	Maximum Allowable Working Pressure		Design Code of Construction
				MDMT ≤ T ≤ 100°F	At Max. Temp.	
CPR1	ASTM A479 / ASME SA-479 316L SST	Various	-40°F	HS: 6250 PSI LS: 1800 PSI	HS: 6250 PSI @ 500°F LS: 1800 PSI @ 500°F	ASME B31.1 ASME B31.3
CV2	ASTM A479 / ASME SA-479 316/316L SST			HS: 5275 PSI LS: 650 PSI	HS: 5275 PSI @ 500°F LS: 650 PSI @ 500°F	
CYL20 / C2	ASTM A479 / ASME SA-479 316/316L SST			HS: 5800 PSI LS: 575 PSI	HS: 5800 PSI @ 500°F LS: 575 PSI @ 500°F	
HPR-2 / H2 (SST)	ASTM A479 / ASME SA-479 316/316L SST			HS: 5600 PSI LS: 675 PSI	HS: 5600 PSI @ 500°F LS: 675 PSI @ 500°F	
HPR-2 / H2 (MONEL)	ASTM B164 / ASME SB-164 N04405 ASTM A479 / ASME SA-479 316/316L SST			HS: 3100 PSI LS: 750 PSI	HS: 3100 PSI @ 500°F LS: 750 PSI @ 500°F	
HPR-2 / H2 (HAST C276)	ASTM B574 / ASME SB-574 N10276 ASTM A479 / ASME SA-479 316/316L SST			HS: 3500 PSI LS: 650 PSI	HS: 3500 PSI @ 500°F LS: 650 PSI @ 500°F	
MR	ASTM A479 / ASME SA-479 316L SST			HS / LS: 4500 PSI	HS / LS: 4500 PSI @ 500°F	
PR1 COM1 COM2	ASTM B574 / ASME SB-574 N10276 ASTM A479 / ASME SA-479 316/316L SST			HS: 4400 PSI LS: 550 PSI	HS: 4400 PSI @ 500°F LS: 550 PSI @ 500°F	
PR9	ASTM B574 / ASME SB-574 N10276 ASTM A479 / ASME SA-479 316/316L SST			HS: 5000 PSI LS: 900 PSI	HS: 5000 PSI @ 500°F LS: 900 PSI @ 500°F	
PR11	ASTM B2111 - T3 ASTM B211 - T351			HS: 4650 PSI LS: 1450 PSI	HS: 4650 PSI @ 500°F LS: 1450 PSI @ 500°F	



GO Regulator Series	Main Pressure Bearing Components	Conn. Sizes	Min. Design Metal Temp. (MDMT)	Maximum Allowable Working Pressure		Design Code of Construction
				MDMT ≤ T ≤ 100°F	At Max. Temp.	
PR7 PR7LF PR7ULF	ASTM A479 / ASME SA-479 316L SST	Various	-40°F	HS: 3600 PSI LS: 500 PSI	HS: 3600 PSI @ 250°F LS: 500 PSI @ 250°F	ASME B31.1 ASME B31.3
PR59	ASTM A479 / ASME SA-479 316/316L SST			HS / LS: 4000 PSI	HS / LS: 4000 PSI @ 175°F	
BP3	ASTM B574 / ASME SB-574 N10276 ASTM A479 / ASME SA-479 316/316L SST			HS: 4400 PSI LS: 550 PSI	HS: 4400 PSI @ 500°F LS: 550 PSI @ 500°F	
PR5	ASTM B574 / ASME SB-574 N10276 ASTM A479 / ASME SA-479 316/316L SST			HS: 4400 PSI LS: 550 PSI	HS: 4400 PSI @ 500°F LS: 550 PSI @ 500°F	
CYL21 / C1	ASTM B574 / ASME SB-574 N10276 ASTM A479 / ASME SA-479 316/316L SST			HS: 4400 PSI LS: 550 PSI	HS: 4400 PSI @ 500°F LS: 550 PSI @ 500°F	
BP8 BP8LF	ASTM A479 / ASME SA-479 316L SST			HS: 3600 PSI LS: 500 PSI	HS: 3600 PSI @ 250°F LS: 500 PSI @ 250°F	
SBPR	ASTM A479 / ASME SA-479 316L SST			HS: 3600 PSI LS: 500 PSI	HS: 3600 PSI @ 250°F LS: 500 PSI @ 250°F	
SPR	ASTM A479 / ASME SA-479 316L SST			HS: 3600 PSI LS: 500 PSI	HS: 3600 PSI @ 250°F LS: 500 PSI @ 250°F	
HB2 (316 SST)	ASTM A479 / ASME SA-479 316/316L SST			HS: 5600 PSI LS: 675 PSI	HS: 5600 PSI @ 500°F LS: 675 PSI @ 500°F	
HB2 (MONEL)	ASTM B164 / ASME SB-164 N04405 ASTM A479 / ASME SA-479 316/316L SST			HS: 3100 PSI LS: 750 PSI	HS: 3100 PSI @ 500°F LS: 750 PSI @ 500°F	
HB2 (HAST C276)	ASTM B574 / ASME SB-574 N10276 ASTM A479 / ASME SA-479 316/316L SST			HS: 3500 PSI LS: 650 PSI	HS: 3500 PSI @ 500°F LS: 650 PSI @ 500°F	