

July 05, 2022

**Attention:** Paul Wright  
CRANE INSTRUMENTATION SAMPLING INC  
405 CENTURA COURT  
SPARTANBURG, SC 29303

The design submission, tracking number 2022-02419, originally received on May 02, 2022 was surveyed and accepted for registration as follows:

**CRN :** 0C22472.2 **Accepted on:** July 05, 2022  
**Reg Type:** NEW DESIGN **Expiry Date:** July 05, 2032  
**Drawing No. :** SCOPE OF REGISTRATION Rev B As Noted  
**Fitting type:** Valves

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

*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 3306 or fax (780) 437-7787 or e-mail Wangi@absa.ca.

Sincerely,



WANG, IAN, P. Eng.  
DOP Cert. No. D00009643

**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)

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.

**CRANE**

**HOKE**

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 B31.1 & 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 (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.	VALVES PER SCOPE OF REGISTRATION	ISO 9001:2015	DESIGN, MANUFACTURE, AND ASSEMBLY OF FLUID AND GAS CONTROL	10/21/2022	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:

SCOPE OF REGISTRATION, BURST TEST REPORTS, CALCULATIONS, QC CERTIFICATE

*Paul Wright*

(Signature of the Declarer)

2022-05-02

(Date)

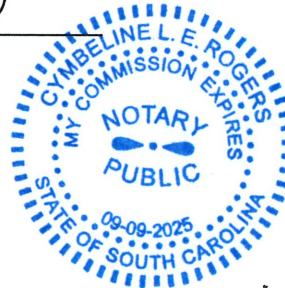
DECLARED before me at Spartanburg in the State of South Carolina  
(city) (province, territory, or state)

this 2nd day of MAY, 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)

09/09/2025  
(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: July 5, 2032

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

2022-02419

**ABSA**

**SAFETY CODES ACT - PROVINCE OF ALBERTA**

**ACCEPTED: CC22472 2**

**See acceptance letter for conditions of registration.**

Date: 2022-07-05 By: \_\_\_\_\_

IAN WANG, P. Eng.  
DOP: D00009643

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.

2022-02419

Tracking #: \_\_\_\_\_


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			

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

 ER-Valves1_CRN	<b>Engineering Report</b>  <b>Title Qualification of Hoke Valves by Burst Test and Similarity</b>	<b>REV.</b> <b>DATE:</b> <b>PAGE:</b>	<b>B</b> <b>20-JUN-2022</b> <b>248 OF 248</b>
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SCOPE OF REGISTRATION						
				Maximum Allowable Working Pressure		
Hoke Valve Series	Main Pressure Bearing Components	Conn. Sizes	Min. Design Metal Temp. (MDMT)	MDMT $\leq T \leq 100^{\circ}\text{F}$	At Max. Temp.	Design Code of Construction
1300	ASTM A182 / ASME SA-182 F316/L	Various	-40°F	5000 PSIG	4440 PSIG @ 400°F	ASME B31.1 ASME B31.3
2100	ASTM A479 / ASME SA-479 316/316L SST		-65°F	5860 PSIG	4980 PSIG @ 600°F	
2200 (P/N STARTS WITH 2215, 2225, OR 2232)	ASTM A479 / ASME SA-479 316/316L SST		-65°F	4950 PSIG	4615 PSIG @ 450°F	
2218 / 2219	ASTM A479 / ASME SA-479 316/316L SST		-100°F	4150 PSIG	3175 PSIG @ 1000°F	
2300	ASTM A479 / ASME SA-479 316/316L SST		-40°F	3000 PSIG	1000 PSIG @ 250°F	
3700 3800 3900	ASTM A182 / ASME SA-182 F316/L		-65°F	5000 PSIG	3890 PSIG @ 450°F	
6100 6200	ASTM A479 / ASME SA-479 316/316L SST		-40°F	5687 PSIG	5587 PSIG @ 350°F	
7022	ASTM A182 / ASME SA-182 F316/L		0°F	1500 PSIG	1500 PSIG @ 350°F	
7092	ASTM A182 / ASME SA-182 F316/L		-20°F	2000 PSIG	2000 PSIG @ 350°F	


2022-02419

ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA

ACCEPTED: 0022472 2

See acceptance letter for conditions of registration.

Date: 2022-07-05
By:


IAN WANG, P. Eng  
DOP: D00009643

This report contains proprietary data. Distribution to parties outside of Crane Instrumentation & Sampling PFT Corp. This stamp and signature have approval of electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.

This report contains proprietary data. Distribution to parties outside of Crane Instrumentation & Sampling PFT Corp. export control regulations must be maintained.

August 30, 2022

**Attention:** Paul Wright  
CRANE INSTRUMENTATION SAMPLING INC  
405 CENTURA COURT  
SPARTANBURG, SC 29303

The design submission, tracking number 2022-04307, originally received on August 02, 2022 was surveyed and accepted for registration as follows:

**CRN :** 0C22472.2 **Accepted on:** August 30, 2022  
**Reg Type:** ADDITION TO ACC. FITTING **Expiry Date:** July 05, 2032  
**Drawing No. :** SCOPE OF REGISTRATION Dated 2022-02-02  
**Fitting type:** Hoke Valves

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

*As indicated on AB-41 Statutory Declaration or AB-351 Declaration of Conformity 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 or AB-351 Declaration of Conformity 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 or AB-351 Declaration of Conformity 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, and maintains a valid Certification of Authorization Permit if required by the jurisdiction where manufacturing takes place, 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 3369 or fax (780) 437-7787 or e-mail Radisavljevic@absa.ca.

Sincerely,



RADISAVLJEVIC, ZANA, P. Tech. (Eng.)  
DOP Cert. No. D00003136



**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 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  
(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.	VALVES PER SCOPE OF REGISTRATION	ISO 9001:2015	DESIGN, MANUFACTURE, & ASSEMBLY OF FLUID AND GAS CONTROL VALVES,	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:

*Paul Wright*

(Signature of the Declarer)

2022-07-29

(Date)

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

this 29<sup>th</sup> day of July, 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)

9/9/2025  
(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 C.

CRN: 0C22472.2

Registered Date: 2022-08-30

Expiry Date: 2032-07-05

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

2022-04307

**ABSA**

**SAFETY CODES ACT - PROVINCE OF ALBERTA**

**ACCEPTED: 0C22472 2**


**See acceptance letter for conditions of registration.**

Date: 2022-08-30 By: Zana Radisavljevic

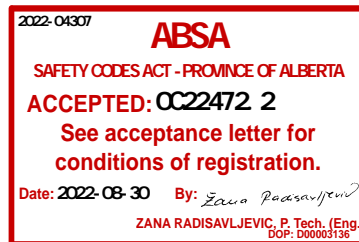
ZANA RADISAVLJEVIC, P. Tech. (Eng.)  
DOP: D00003136

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.




 ER-Valves2_CRN	<b>Engineering Report</b>  Title Qualification of Hoke Valves by Burst Test and Similarity	REV. DATE: PAGE:	- 2-FEB-2022 103 OF 104
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## APPENDIX F: Scope of Registration



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.

 ER-Valves2_CRN	<b>Engineering Report</b>  <b>Title Qualification of Hoke Valves by Burst Test and Similarity</b>	<b>REV.</b> <b>DATE:</b> <b>PAGE:</b>	- <b>2-FEB-2022</b> <b>104 OF 104</b>
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## SCOPE OF REGISTRATION

Hoke Valve Series	Main Pressure Bearing Components	Conn. Sizes	Min. Design Metal Temp. (MDMT)	Maximum Allowable Working Pressure		Design Code of Construction
				MDMT $\leq T \leq 100^{\circ}\text{F}$	At Max. Temp.	
7100	Body: ASME SA-479 / ASTM A479 S31600/31603	Female NPT (ALL) (71_F_Y)	-20°F	3617 PSIG	3433 PSIG @ 425°F	ASME B31.1 ASME B31.3
		Gyrolok End (ALL) (71_G_Y or 71_G_YMM)		4261 PSIG	4186 PSIG @ 425°F	
7200		ALL	-20°F	5000 PSIG	5000 PSIG @ 350°F	
79 (7911G4Y, 7911F4Y, 7931G4Y, 7931F4Y)		1/4" Gyrolok & 1/4" Female NPT	0°F	2000 PSIG	2000 PSIG @ 350°F	
DV1		ALL	-40°F	3600 PSIG	3600 PSIG @ 400°F	

This report contains proprietary data. Distribution to parties outside of Crane Instrumentation & Sampling Inc. is prohibited without Engineering approval. Compliance to all export control regulations must be maintained.