

REGISTRATION OF A PRESSURE FITTING DESIGN

24-Feb-22

TSSA
345 Carlingview Drive
Toronto, Ontario
M9W 6N9**Attention: Cecylia Garbacz****File Number: 12951 [0 F]****Re: Manufacturer: Crane Instrumentation & Sampling**
Item: Hoke 4600 Series Diaphragm Valves
Catalog or Drawing: Per Crane Scope of Registration (25-Aug-2021)

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:

OC23654.53 Expiry Date: December 9, 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:**

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

Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, Paul Wright,

Engineering Supervisor

(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: Crane Instrumentation & Sampling

(name of manufacturer)

located at: 405 Centura Court, Spartanburg, SC, 29303, USA

(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 _____ 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 B31.1 2020 Ed./ASME B31.3 2020 Ed (Unlisted components) 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, SAI Global 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 Hoke 4600-series valves

In support of this application, the following information, calculations and / or test data are attached:
ER-4600CRN

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



II. Declaration

DECLARED before me at Spartanburg in the State of South Carolina
this 30th day of August
Lymbeline L.E. Rogers (print name)
Lymbeline L.E. Rogers (Signature of Commissioner of Oaths)
Paul Wright (Signature)
NOTARY PUBLIC
09-09-2025
STATE OF SOUTH CAROLINA

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. OC23654.53

File No. 12951

Registered


Date: February 24, 2022

Expiry Date: December 9, 2031

Codes & Standards Compliance Office

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

(Expiry Date – MM DD YYYY)

 ER-4600CRN	Engineering Report Title Qualification of Hoke 4600-series Packless Diaphragm Valves by Burst Test and Similarity	REV. DATE: PAGE:	- 25-Aug-2021 24 OF 24
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Scope of Registration

Part Number	Main Pressure Bearing Components		Conn. Sizes	Min. Design Metal Temp. (MDMT)	Maximum Allowable Working Pressure		Design Code of Construction		
	Description	Material			MDMT ≤ T ≤ 100°F	At Maximum Temperature			
4613N4M	Diaphragm	Inconel 600 (ASTM B168 / ASME SB-168)	¼" Socket Weld Tube	-65°F	300 psig	300 psig @ 240°F	ASME B31.1 (Unlisted Components)		
4623N4M									
4618N4M	Body	Monel R405 (ASTM B164 / ASME SB-164)						300 psig @ 600°F	ASME B31.3 (Unlisted Components)
4628N4M									

 Technical Safety Authority of Saskatchewan	
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<div>Registered</div>	
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