

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)

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



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 ASME B31.1 2020 Ed. (Unlisted Component) which specifies the dimensions,
(title of recognized North American Standard)
Materials of construction, pressure / temperature ratings and identification marking of the fittings, or

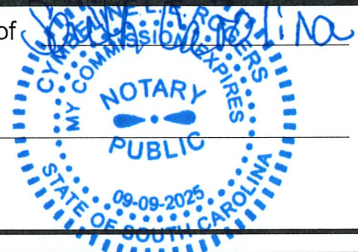
☐ Are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with _____ as supported by the attached data which identifies the dimensions, materials of construction, pressure / temperature ratings and the basis for such ratings, and the marking 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 Gyrolok Tube and Pipe Fittings

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

II. Declaration

DECLARED before me at Spartanburg In the State of South Carolina
this 3rd day of September, 2021
Cymbeline L.E. Rogers (print name) Paul Wright (Signature)
Cymbeline L.E. Rogers (Signature of Commissioner of Oaths)



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. 0A23909.53

File No. 13136

Registered

Date: June 27, 2022


Expiry Date: April 13, 2032

Codes & Standards Compliance Office

(Date Registered – MM DD YYYY)

(For the Administrator / Chief Inspector)

(Expiry Date – MM DD YYYY)

 ER-GYROCRN	<p align="center">Engineering Report</p> <p align="center">Title Qualification of Hoke Gyrolok Tube and Pipe Fittings by Burst Test and Similarity</p>	<p>REV.</p> <p>DATE:</p> <p>PAGE:</p>	<p align="center">B</p> <p align="center">14-FEB-2022</p> <p align="center">231 OF 232</p>
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Scope of Registration

Description	Connection Type & Size Range	Material	Minimum Design Metal Temperature (MDMT)	Max. Allowable Working Pressure		Design Code of Construction
				MDMT to 100°F	At Maximum Temperature	
Gyrolok Tube and Pipe Fittings	Gyrolok® Compression Fitting Ends Sizes 1/8" to 1"	F316/L SST (ASTM A182 / ASME SA-182) (Shaped fittings) 316/L SST (ASTM A479 / ASME SA-479) (Straight Fittings)	-20°F for ASME B31.1 applications -40 °F/°C	SEE TABLE BELOW	SEE TABLE BELOW	ASME B31.1 (UNLISTED COMPONENTS) & ASME B31.3 (UNLISTED COMPONENTS)
	Male NPT 1/16" to 2"			10,975 psig to 3800 psig	7000 psig to 2900 psig @ 1000°F	ASME B1.20.1
	Male ISO-7 (tapered) 1/8" to 2"			7000 psig to 3000 psig	4700 psig to 2300 psig @ 1000°F	
	Female NPT 1/16" to 2"					


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Scope of Registration (cont'd)

Gyrolok End Connection Size	MAWP at temps. up to 100°F	MAWP at temps. at 1000°F (max. temp.)
1/8 in.	8421 psig	6442 psig
1/4 in.	7542 psig	5749 psig
3/8 in.	6710 psig	5133 psig
1/2 in.	5795 psig	4433 psig
9/16 in.	5461 psig	4178 psig
5/8 in.	5045 psig	3860 psig
3/4 in.	4213 psig	3223 psig
13/16 in.	3797 psig	2905 psig
7/8 in.	3381 psig	2586 psig
15/16 in.	2965 psig	2268 psig
1 in.	2584 psig	1977 psig


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