

2202 2nd Avenue Regina, SK S4R 1K3 Canada 1 (866) 530-8599 info@tsask.ca www.tsask.ca

REGISTRATION OF A PRESSURE FITTING DESIGN

30-Mar-21

TSSA 345 Carlingview Drive Toronto, Ontario M9W 6N9

Attention: Tanya Francis File Number: 11960 [0 F]

Re: Manufacturer: GC Valves, LLC

Item: Solenoid Valves (\$20, \$21 & \$27)

Catalog or Drawing: Per Scope and Design Report R-0884 Rev. 0

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:

OC22902.53 Expiry Date: December 20, 2030

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.



Codes & Standards Compliance Office

2202 2nd Ave.

2202 2nd Ave. Regina, SK S4R 1K3 PH: (306)798-7112 Toll Free: (866)530-8599 FAX: (306)787-9273 Toll Free: (866)760-9255 Email: <u>boilerpermits@tsask.ca</u> Website: <u>www.tsask.ca</u>

Statutory Declaration (Registration of Fittings)

				TSK-100
Declar	ation Information			
SHANE	FINCHER			In this :
QUALI	TY CONTROL MANAGER			manufa as it will
2/2	(company title, e.g. vice preside	nt, plant manager, chief engineer)		
5000000000	be in a position of authority in the mar	lutacturing plant where the fitting is p	produced)	GC Valves
GC VA	LVES, LLC	of manufacturer)		A DEMA Company
cated at:		ž.	CHARLOTTE, NC	28273, U.S.A.
	(Plant Address - Apt/Street)	and the second of the second o	City,Prov)	(Postal Code)
	y declare that the fittings liste fety Act (check one)	d hereinunder, which are s	ubject to the <i>Saska</i>	tchewan Boiler and Pressure
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Mate	erials of construction, pressur	(title of recognized North America		ing of the fittings or
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TO 000000000000000000000000000000000000		of a recognized North Ame		d are therefore manufactured
	omply with	one motorials of construction		as supported by the attached
	which identifies the dimension uch ratings, and the marking	트리아 선생님들은 어린 살아가 되었다. 이 얼마나 이번 나는 아니라 나를 다 살아 있다.		erature ratings and the basis
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	clare that the manufacturer of			g suitable for the manufacturer
	ings to the stated standard.			
	C - SOLENOID VALVES	The littings covered by this	deciaration, for with	ich i seek registration, are
		7 2 2 2 2 2 2	N. B. G. G. G.	
support	of this application, the followi	ng information, calculations	and / or test data a	are attached:
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Decla	ration			
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is	8 day of June		7070	
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(print name		2	(Signature)	MECKLENBURG CO
	to frith	- doch	~~?	WISUNG CO
(Signature	of Commissioner of Oaths)	mm. Expires 03/25/20	723	
. Office	Use Only			
the best	of my knowledge and belief, the		ments of the Boiler a	nd Pressure Vessel Safety Act and
SA B51, C	lause 4.2, and is accepted for re	egistration in Category		
	Technical			
	Safety Authority of Saskatchewan		ed – MM DD YYYY) istrator / Chief Inspector)	(Expiry Date – MM DD YYYY)
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File No				
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Date:				TSK-1 Rev. 10/2 Page 1

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- 20						
Decla	aration Information					
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Codes & Standards Compliance Office

25-Sep-20

456 CROMPTON ST. CHARLOTTE, NC 28273, USA



THIS IS PART OF CRN

0C22902.5

Technical Standards and Safety Authority

Boilers and Pressure Vessels Safety

Program

PAGE 1 OF 1

SCOPE OF CRN REGISTRATION

					Material		
Product		Design	End	Size Range	Specification	MAWP at MAWT	Report
Description	Series	Code	Connection	Inlet/Outlet	(Note 4)	(psig) (Note 1,2,3)	Number
Solenoid	S20,	ASME B31.3	NPT	3/8", 1/2", 3/4"	Stainless Steel	200 psig at 300°F	R-0884
Valve - 2 Way	S21,			1", 1-1/4", 1-1/2"	Brass	200 psig at 300°F	Rev. 0
	S27				Stainless Steel	200 psig at 300°F	
				2"	Brass	200 psig at 293°F	
						192 psig at 300°F	

Note 1: MAWP = Maximum Allowable Working Pressure, MAWT = Maximum Allowable Working Temperature.

Note 2: The pressure-temperature ratings shown are the maximum CRN pressure-temperature ratings. In all cases the pressure-temperature ratings may be limited by the seat and seal materials. Please consult GC Valves.

Note 3: For low temperature operation the products shall conform to the rules of the applicable codes under which they are used.

Note 4: Stainless Steel = ASTM A351-CF8M

Brass = ASTM B124/B283 UNS C37700 Brass where ASTM B124 material shall in all cases meet the requirements specified in ASTM B283. The minimum yield strength shall be 18,000 psi and the

minimum tensile strength shall be 50,000 psi.

