

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

REGISTRATION OF A PRESSURE FITTING DESIGN

01-Sep-20

TSSA 345 Carlingview Drive Toronto, Ontario M9W 6N9

Attention: Tanya Francis File Number: 11663 [0 F]

Re: Manufacturer: Watson McDaniel Item: Check Valves

Catalog or Drawing: Per Scope of Registration (18-May-20) & Design Report (R-1239 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:

OC22540.53 Expiry Date: July 6, 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.

Regina, SK S4R 1K3 PH: (306)798-7112 Toll Free: (866)530-8599 FAX: (306)787-9273 Toll Free: (866)760-9255

Email: boilerpermits@tsask.ca Website: www.tsask.ca

Statutory Declaration (Registration of Fittings)

	4.59.7(4.1)(5.1)	
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GENERA	L MANAGER	manufacturer's logo or trademark as it wi
	(company title, e.g. vice president,	
		acturing plant where the fitting is produced) McDanie
WATSON	MCDANIEL (name of	manufacturer)
ated at:	428 JONES BLVD	POTTSTOWN, PENNSYLVANIA 19464, U.S.A.
aleu al.	(Plant Address – Apt/Street)	(City,Prov) (Postal Code)
	declare that the fittings listed y Act (check one)	hereinunder, which are subject to the Saskatchewan Boiler and Pressure
Compl	y with the requirements of	ASME B16.34, ASME B31.1, ASME B31.3 which specifies the dimensions,
	10 15 E	(title of recognized North American Standard) / temperature ratings and identification marking of the fittings, or
) Are no	t covered by the provisions of	of a recognized North American standard and are therefore manufactured
	ply with	as supported by the attached
	• •	s, materials of construction, pressure / temperature ratings and the basis
		f the fittings for identification.
www wy till		001 HSB as being suitable for the manufacturer
these fitting ATEGORY C support of COPE OF	this application, the following CRN, DRAWINGS, CA	ne fittings covered by this declaration, for which I seek registration, are information, calculations and / or test data are attached: ALCULATIONS, REPORTS
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Website: www.tsask.ca

Statutory Declaration (Registration of Fittings)

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. Declara	ation Information		
ROBER	T HICKEY	In this space, show facsimile of	
GENER	AL MANAGER	manufacturer's logo or trademark as it will	
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of: WATSO	N MCDANIEL	an ifacture of	200 C C C C C C C C C C C C C C C C C C
ocated at:	(name of ma 428 JONES BLVD	personal research and	NSYLVANIA 19464, U.S.A.
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Comp	oly with the requirements of AS	ME B16.34, ASME B31.1, ASME B31.3 whic	h specifies the dimensions,
1975	(til	le of recognized North American Standard) emperature ratings and identification mark	
O Are n	ot covered by the provisions of	a recognized North American standard and	d are therefore manufactured
to co	mply with		as supported by the attached
data	which identifies the dimensions,	materials of construction, pressure / temp	erature ratings and the basis
for su	ich ratings, and the marking of t	he fittings for identification.	
erified by to the serified by	he following authority, ISO 900	ese fittings is controlled by a quality control HSB as bein fittings covered by this declaration, for wh	g suitable for the manufacturer
	AND THE RESERVE OF THE STREET,		
n support c	of this application, the following in	nformation, calculations and / or test data	are attached:
SCOPE C	OF CRN, DRAWINGS, CAL	CULATIONS, REPORTS	
I. Declar	ration		
	0.1	In the Sl. t	of Pennsylvania
JECLAREL	before me at Hotstown	In the Shate	of fennsylvania
this In	day of July COMMONWEALTH OF	PENNSYLVANIA , 2020	
JAY Gold	burg NOTARIAL		- + 14
(print name		otary Public (Signature)	ę.
11010	Commission Expire	s June 28, 2020	
		MATION OF NOTABLES	
	Use Only		
	of my knowledge and belief, the app ause 4.2, and is accepted for regist	lication meets the requirements of the Boiler at ration in Category	and Pressure Vessel Safety Act and
	Technical Safety Authority of Saskatchewan	(Date Registered – MM DD YYYY) (For the Administrator / Chief Inspector)	(Expiry Date – MM DD YYYY)
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File No	11663		
	Registered 2000		TSK-100
Date:	September 1, 2020		Rev. 10/20° Page 1 of
Expiry Date	July 6, 2030		

WATSON MCDANIEL

428 JONES BLVD. POTTSTOWN, PENNSYLVANIA 19464, U.S.A.



PAGE 1 OF 1

SCOPE OF CRN REGISTRATION

Product	Design	Material	Series	Size	Inlet/	MAWP	MAWP at MAWT	Report
Description	Code	Specification		Range	Outlet	at 100°F	(psig)	Number
Check	ASME B16.34,	Stainless Steel	WSSCV,	1/2", 3/4", 1"	NPT,	750 psig	750 psig at 100°F	R-1239
Valve	ASME B31.3,	ASTM A351-CF8M	WSSCV-QF	1-1/4", 1-1/2", 2"	Socket Weld		420 psig at 850°F	
	ASME B31.1							
Check	ASME B31.3,	Stainless Steel	WSSCV	3"	NPT,	750 psig	750 psig at 100°F	R-1239
Valve	ASME B31.1	ASTM A351-CF8M			Socket Weld		420 psig at 850°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 MAWP may be limited by the seat or seal material or other considerations. Please consult Watson McDaniel literature.

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

