



Montréal, 29 mai 2020

MME TANYA FRANCIS
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO ONTARIO
CANADA M9W6N9

Fabricant : WATSON MCDANIEL
428 JONES BLVD
POTTSTOWN PENNSYLVANIA
USA 19464

Numéro de dossier : 951163

Numéro(s) de dessin (s) : UTS600 TRAP TEST VALVE STATION, SCOPE OF REGISTRATION

Objet : Enregistrement des plans et devis – Confirmation de l'enregistrement

Madame,

La Régie du bâtiment du Québec (RBQ) vous informe que votre demande d'enregistrements de plans et devis a été traitée et que cette conception a été enregistrée sous le numéro d'enregistrement canadien (NEC\CRN) : 0C22334.56

Nous portons à votre attention cette exigence applicable à la réglementation sur les installations sous pression et des codes et normes qui y sont associés :

- Le constructeur doit maintenir un système de contrôle de la qualité valide pour fabriquer selon ce NEC.

Le présent avis d'approbation ne dégage pas le constructeur de ses responsabilités quant à la conception ou à la construction des équipements fabriqués selon ce NEC.

Salutations distinguées,

Bureau d'expertise et d'homologation en équipements sous pression

Montréal

545, boul. Crémazie Est, 7^e étage

Montréal (Québec) H2M 2V2

Téléphone : 514 873-6459

Sans frais : 1 866 262-2084

www.rbq.gouv.qc.ca



Montréal, May 29, 2020

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Manufacturer : WATSON MCDANIEL
428 JONES BLVD
POTTSTOWN PENNSYLVANIA
USA 19464

Our reference : 951163
Design number : UTS600 TRAP TEST VALVE STATION, SCOPE OF REGISTRATION

Subject: Registration of designs – Confirmation of approval

Dear Madam,

The Régie du bâtiment du Québec (RBQ) informs you that your application for the registration of designs has been evaluated and that the design was registered under the Canadian Registration Number (CRN\NEC) : 0C22334.56

We bring your attention this requirement of the regulation respecting pressure installations, and the codes and standards adopted:

- The manufacturer must maintain a valid quality control program to produce according to the CRN.

This notice of approval does not relieve the constructor of his responsibilities with respect to the design or construction of equipment manufactured according to this CRN.

Yours sincerely,

Bureau d'expertise et d'homologation en équipements sous pression

Montréal

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Montréal (Québec) H2M 2V2
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Statutory Declaration Registration of Fittings



(a) Design Qualification

I¹ ROBERT HICKEY
(Name of applicant)

GENERAL MANAGER
(Position eg, president, plant manager, chief eng.)

of WATSON MCDANIEL
(name of company)

Located at 428 JONES BLVD., POTTSTOWN, PENNSYLVANIA, 19464
(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act:

- comply with all the requirements of the ANSI/ASME codes as to their dimensions, material, identification & service for which are required:
- Or
- are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with _____ code and standard, and are designed to the best current engineering practice, as shown by the supporting test data.

(b) Quality control of Manufacture

I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of ISO 9001, and has been verified by the following authority or authorized agency HSB

The fittings² covered by this declaration, for which I seek registration, are CATEGORY C TRAP TEST VALVE STATION

In support of the application, the following information, calculations and/or test data are attached:
SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS

Declared before me at Pottstown

In the of State of Pennsylvania

The 25th day of February AD 2 020

[Signature]
(Commissioner for oaths)

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Jay Goldberg, Notary Public
Limerick Twp., Montgomery County
My Commission Expires June 28, 2020
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

[Signature]
Signature of Declarer³

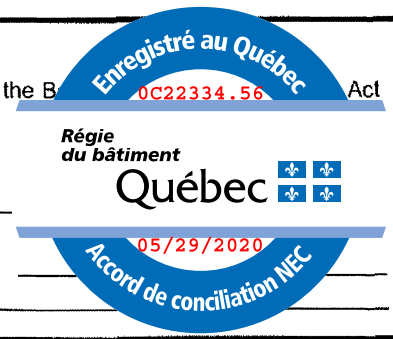
For Official Use Only

The application is accepted for registration in Category _____ in accordance with the B _____ Act and CSA Standard B51.

This registration must be revalidated after ten (10) years from the date of acceptance.

Registered Number CRN _____

For the Chief Inspector _____
Date _____

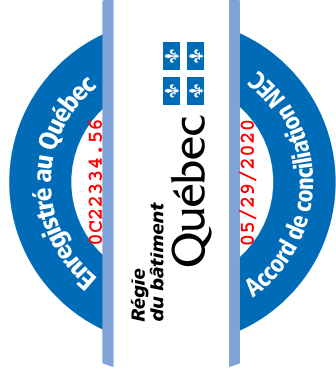


¹ Three completed copied of Statutory Declaration form together with three copies of Catalogs, drawings of Bulletins illustrating above fittings shall be submitted.
² All fittings are required to be registered in the name of the Manufacturer.
³ This form shall be completed and signed by the president of highest official in the manufacturing plan where the fitting is produced.



SCOPE OF CRN REGISTRATION

Product Description	Design Code	Material Specification	Series	Size Range	Inlet/Outlet	MAWP at 100°F	MAWP at MAWT (psig)	Report Number
Trap Test Valve Station	ASME B16.34, ASME B31.3, ASME B31.1,	Stainless Steel ASTM A351-CF8M Stainless Steel ASTM A312-316 Stainless Steel ASTM A182-316	UTS600	1/2", 3/4" 1"	NPT, Socket Weld, CL600 Flanged	1440 psig	1440 psig at 100°F	R-1233
						720 psig	720 psig at 100°F	
							620 psig at 200°F	
							560 psig at 300°F	
							515 psig at 400°F	
							480 psig at 500°F	
							450 psig at 600°F	
							440 psig at 650°F	
							435 psig at 700°F	
							425 psig at 750°F	
	420 psig at 800°F							
					CL150 Flanged	275 psig	275 psig at 100°F	
							235 psig at 200°F	
							215 psig at 300°F	
							195 psig at 400°F	
							170 psig at 500°F	
							140 psig at 600°F	
							125 psig at 650°F	
							110 psig at 700°F	
							95 psig at 750°F	
							80 psig at 800°F	





SCOPE OF CRN REGISTRATION

- 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:** Per ASME B16.34 para. 2.3.2. the pressure rating for service at any temperature below -20F shall be no greater than the ASME B16.34 ratings for -20F. Products that are to operate at low temperatures shall conform to the rules of the applicable codes under which they are used.
- Note 4:** Other ASME B16.34 materials may be supplied. When this is the case the pressure-temperature ratings of the valves are to be in accordance with the applicable ASME B16.34 Table 2 ratings.
- Note 5:** When ASME B16.5 CL. 150 and CL. 300 flanges are used the pressure-temperature ratings of the valves are to be limited to the applicable ASME B16.34 Table 2 ratings for each pressure class.
- Note 6:** Pipe used in flanged connections shall be stainless steel ASTM A312-316 schedule 40 minimum thickness per ASME B36.19M. Flanges shall be stainless steel SA182-316 or any other ASME B16.5 Table II-2-2.2 listed material.

