

REGISTRATION OF A PRESSURE FITTING DESIGN

24-Nov-22

TSSA
345 Carlingview Drive
Toronto, Ontario
M9W 6N9

Attention: Cecylia Garbacz

File Number: 13359 [0 F]

Re: Manufacturer: Watson McDaniel
Item: Pressure Motive Pump
Catalog or Drawing: Scope of CRN Registration (26-Feb-22) & Design Report R-1661 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:

0H24139.53 Expiry Date: August 18, 2032

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, ROBERT HICKEY
GENERAL MANAGER
(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)

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



of: WATSON MCDANIEL
(name of manufacturer)

located at: 428 JONES BLVD POTTSTOWN, PENNSYLVANIA 19464, U.S.A.
(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 Section VIII-1 (title of recognized North American Standard) which specifies the dimensions, 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, ISO 9001: 2015 HSB 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 CATEGORY H - PMPT / PMPNT

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

SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS

II. Declaration

DECLARED before me at Pottstown In the State of Pennsylvania
this 9th day of March, 2022
Robert T Hickey [Signature]
(print name) (Signature)
[Signature]
(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 _____

(Registration Number)

_____ (Date - MM DD YYYY)

Commonwealth of Pennsylvania - Notary Seal
Jay Goldberg, Notary Public
Montgomery County
My commission expires June 28, 2024
Commission number 1299266
Member, Pennsylvania Association of Notaries



Registration No. OH24139.53
File No. 13359

Date: November 24, 2022
Expiry Date: August 18, 2032
Codes & Standards Compliance Office



SCOPE OF CRN REGISTRATION

Product Description	Design Code	Material Specification	Series	Process Connections	MAWP at 100°F	MAWP at MAWT (psig at °F)	MDMT	Report Number
Pressure Motive Pump	ASME Section VIII-1	Ductile Iron ASME SA-395 60-40-18, Carbon Steel ASME SA-216-WCB, Stainless Steel ASME SA-351-CF3	PMPT with Trap, PMPNT No Trap	1-1/2" FNPT Inlet, 2" FNPT Outlet	150/FV psig	150/FV psig at 450°F	-20°F	R-1661 Rev. 0

Note 1: MAWP = Maximum Allowable Working Pressure, MAWT = Maximum Allowable Working Temperature, MDMT = Minimum Design Metal Temperature, FV = Full Vacuum

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.

