

REGISTRATION OF A PRESSURE FITTING DESIGN

16-Mar-20

TSSA
345 Carlingview Drive
Toronto, Ontario
M9W 6N9

Attention: Tanya Francis

File Number: 11407 [0 F]

Re: Manufacturer: WATSON MCDANIEL
Item: WLD1800 Guided Float Type Liquid Drainer & AE1800 Air Eliminator
Catalog or Drawing: 2449600 Rev B & 1539800 Rev G

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:

OE22093.53 Expiry Date: December 31, 2029

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,



Adenike Adeoti, P.Eng.
Codes and Standards Compliance

Remarks:

A valid quality management system 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)
of: WATSON MCDANIEL
(name of manufacturer)

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



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 B31.1, ASME B31.3 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, ISO 9001 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 E LIQUID DRAINERS AND AIR ELIMINATORS

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 16th day of December, 2019

Robert T Hickey
(print name)

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

Jay Goldberg
(Signature of Commissioner of Oaths)



Registration No. 0E22093.53
File No. 11407
Registered
Date: March 16 2020
Expiry Date: December 31, 2029
Codes & Standards Compliance Office

application meets the requirements of the **Boiler and Pressure Vessel Safety Act** and registration in Category _____

(Date Registered – MM DD YYYY) (Expiry Date – MM DD YYYY)
(For the Administrator / Chief Inspector)



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
Liquid Drainers, Air Eliminators	ASME B31.1, ASME B31.3,	Stainless Steel ASTM A351-CF3 Stainless Steel ASTM A213-304L Stainless Steel ASTM A269-304L	WLD1800, AE1800	1/2" x 1/2", 3/4" x 1/2" 3/4" x 3/4"	NPT	400 psig	400 psig at 500°F	R-1179

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.

Note 4: In accordance with ASME B31.1 para 123.1.2(D) when this product is used under the ASME B31.1 code the owner must accept the use of the following non listed materials:

- Type 304L Stainless Steel ASTM A269-304L
- In all cases the above unlisted materials shall only be used for nonboiler external piping.

Note 5: Type 304, 316L and Type 316 may substitute for Type 304L stainless steel.



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Registered

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