

April 21, 2020

**Attention:** Tanya Francis  
TECHNICAL STANDARDS & SAFETY AUTHORITY  
345 CARLINGVIEW DRIVE  
TORONTO, ON M9W 6N9

The design submission, tracking number 2019-07929, originally received on November 21, 2019 was surveyed and accepted for registration as follows:

**CRN :** 0E20652.2 **Accepted on:** April 21, 2020  
**Reg Type:** NEW DESIGN **Expiry Date:** October 28, 2029  
**Drawing No. :** SEE SCOPE OF REGISTRATION  
**Fitting type:** STEAM TRAP

Design registered in the name of : WATSON MCDANIEL COMPANY

**The registration is conditional on your compliance with the following notes:**

*As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction are ASME B31.1, ASME B31.3 and B16.34.*

*- It is our understanding that the fitting(s), included as the scope of this submission, that is(are) subject to the Safety Codes Act shall comply with the requirements of the indicated Standard or Code of Construction on the AB-41 Statutory Declaration as supported by the attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the identification marking of the fittings.*

*- This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form.*

*- This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date.*

*- Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.*

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3388 or fax (780) 437-7787 or e-mail Liu@absa.ca.

Sincerely,



LIU, XING, P. Eng.  
DOP Cert. No. D00008861



**WATSON MCDANIEL**  
 428 JONES BLVD.  
 POTTSTOWN, PENNSYLVANIA  
 19464, U.S.A.

01-Apr-20

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**SCOPE OF CRN REGISTRATION**

Product Description	Design Code	Material Specification	Series	Size Range	End Connection Inlet/Outlet	MAWP at 100°F	MAWP at MAWT (psig)	Report Number
Universal Connector	ASME B31.1, ASME B31.3, ASME B16.34	Type 316L S.Steel ASTM A351-CF3M	UC450	1/2", 3/4", 1"	NPT, Socket Weld	750 psig	750 psig at 100°F 400 psig at 800°F	R-1127A
Universal Connector	ASME B31.1, ASME B31.3	Type 316L S.Steel ASTM A351-CF3M	UC450S/SB	1/2", 3/4", 1"	NPT, Socket Weld	750 psig	750 psig at 100°F 400 psig at 800°F	R-1127B ABSA
Universal Connector	ASME B31.1, ASME B31.3	Type 316L S.Steel ASTM A351-CF3M	UC450SR/SBR, UC450SL/SBL	1/2", 3/4", 1"	NPT, Socket Weld	750 psig	750 psig at 100°F 400 psig at 800°F	R-1127C ABSA
Inverted Bucket Steam Trap Module	ASME B31.1, ASME B31.3	Type 304L S.Steel ASTM A351-CF3, ASTM A269-304L, ASTM A240-304L.	USIB450, USIB450H	N/A	Universal Flange	185 psig	185 psig at 800°F	R-1127D ABSA
Float and Thermostatic Steam Trap Module	ASME B31.1, ASME B31.3	Type 304L S.Steel ASTM A351-CF3, ASTM A269-304L, ASTM A240-304L. ASTM A182-304L	UFT450	N/A	Universal Flange	105 psig	105 psig at 397°F	R-1127E ABSA

**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.



This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.

# Temporary rules to address fitting design submissions without a properly executed statutory declaration.

The temporary rules have been issued in accordance with PRO-Corp-005 TPP5.07.

Issued: April 3, 2020	Document #DSP-TEMP-001 Revision Number: 0	
Subject Rule	Statutory Declaration form AB-41 and Guidance for completion of Statutory Declaration AB-41a.	
Reason for Modification	It is not possible to have a Commissioner of Oaths or a Notary Public to countersign the Statutory Declaration Form, AB-41, due to COVID-19 measures.	
Technical Consequences	None, as this is an administrative requirement.	
Modification	Temporary Design Survey accepts Statutory Declaration Forms that have not been signed by a Commissioner of Oaths or a Notary Public.	
Rationale for Accepting the Modification	The requirement for the Statutory Declaration completion cannot be fulfilled due to the COVID-19 restrictions.	
Terms and Conditions	<p>Temporary the fitting registration can be issued for designs with completed Statutory Declaration Forms that are not countersigned by a Commissioner of Oaths or a Notary Public.</p> <p>A copy of this temporary procedure shall be included in the ABSA record file.</p> <p>This modification is acceptable as long as the restrictions for COVID-19 measure are in force.</p>	
Prepared by: T. Onshchenko	Reviewed: L. Petrushevski / P. Fok	Approved by M. Poehlmann