

REGISTRATION OF A PRESSURE FITTING DESIGN

March 15, 2024

TSSA
345 Carlingview Dr.
Toronto, ON
Canada
M9W 6N9

Attention: Cecylia Garbacz

File Number: 100517

Re: Manufacturer: Clark Reliance LLC

Item: Level Switches & Water Columns

Catalog or Drawing: Per 2023 CRN: Reliance Category H Scope of Registration

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:

0H16066.53

Expiry Date: 2034-02-12

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:

CRN renewal - Previously registered in Saskatchewan through CSA.

A valid quality control program must be maintained at the production facility for the fitting registration to remain valid until the expiry date.



Technical Standards and Safety Authority
 345 Carlingview Drive
 Toronto, Ontario M9W 6N9
 www.tssa.org

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below



STATUTORY DECLARATION Registration of Fittings

I, Steve McGuigan, Senior Engineering Manager
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Clark Reliance LLC
(Name of Manufacturer)

Located at 16633 Foltz Industrial Parkway Strongsville Ohio 44039 440-572-1500
(Plant Address) (Telephone No.) (Fax No.)

do solemnly declare that the fittings listed hereunder, which are subject to the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, comply with all of the requirements of ASME BPVC Section I
(Title of recognized North American Standard)
 which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;

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, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of _____ ISO 9001: 2015 which has been verified by the following authority, HSB (Hartford Steam Boiler).
 The items covered by this declaration, for which I seek registration, are category _____ Category H type fittings. In support of this application, the following information and/or test data are attached as follows:

(drawings, calculations, test reports, etc.)

Declared before me at CLARK-Reliance LLC in the City of Strongsville
 the 15th day of December AD 202022.

Commissioner for Oaths:
Christine Mccombs
(Printed name)
Christ Mccombs
(Signature)

CHRISTINE MCCOMBS
 Notary Public
 State of Ohio
 My Comm. Expires
July 9, 2025
[Signature]
(Signature of Declarer)

FOR OFFICE USE ONLY

To the best of my knowledge and belief, the application meets the requirements of the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category _____.

CRN: _____

Registered by: _____

Dated: _____

NOTE: This registration expires on: _____

Technical Safety Authority of Saskatchewan

Registration No. 0H16066.53

File No. 100517

Registered

Date: March 15, 2024

Expiry Date: February 12, 2034

Codes & Standards Compliance Office

**Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request.*

2023 CRN: Reliance Category H Scope of Registration

LevAlarms:

Model Series	Pressure Class	Material		Body Drawing		Assembly Drawing	Temp. Rating	Pressure Rating	
REA100G	150#	SA-216 Gr. WCB		EA7197		EA1345	388°F	200 psi	
	300#			EA7199		EA1353	470°F	500 psi	
	600#			EA7201		EA1356	546°F	1000 psi	
REA100F	150# 300# 600#	Flange	SA-350 Gr.LF2/ SA-105	EA7261	Weldment Drawing	EA7263	EA1380	546°F	1000 psi
		Body	SA-106 GR.B SMLS 3" Sch.80	N/A Std Pipe					
		3" Sch.80 Cap	SA-234 GR.WPB	N/A Std Pipe Cap					
		3000# Fitting	SA-105	N/A Std Pipe Fitting					
		Comp. Plate	SA-479	EA7268 1.000					
		Bushing	SA-479	EA7264					
		Casting	SA-216 Gr.WCB	Raw Casting: EA7259 Machined Casting: EA7260					

Water Columns:

Model Series	Material		Drawings		Temp. Rating	Pressure Rating	
RW0350	Body	SA-106 Gr.B 5" Sch.80 Pipe	Assembly		WC350	435°F	350 psi
RW0450			Assembly		WC450	460°F	450 psi
RW0600	Cap	SA-516 Gr.70	Top Cap	WC7029-A	WC600	489°F	600 psi
RW0900			Bottom Cap	WC7027-A	WC900	534°F	900 psi
RW1500	Proc. Conn	SA-106 Gr.B Size is order dep.	Assembly		WC1500	597°F	1500 psi
RW1800	Body	SA-106 Gr.B 5" Sch.160 Pipe	Assembly		WC1800	622°F	1800 psi
RW2500	Cap	SA-516 Gr.70	Top Cap	WC7036-A	WC2500	669°F	2500 psi
			Bottom Cap	WC7032-A			
RW3000	Proc. Conn	SA-106 Gr.B Size is order dep.	Assembly		WC3000	696°F	3000 psi



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