

January 11, 2024

Attention: Cecylia Garbacz
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO, ON M9W 6N9

The design submission, Tracking Number 2023-07615, Web Portal Number 2023-S5076, originally received on December 14, 2023 was surveyed and accepted for registration as follows:

CRN : 0F16005.52 **Accepted on:** January 11, 2024
Reg Type: RENEWAL **Expiry Date:** November 07, 2033
Drawing No. : 2023 CRN: Reliance Category F Scope of Registration
Fitting type: LEVEL AND GLASS GAGES
Design registered in the name of : CLARK RELIANCE LLC

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

Scope of this registration is the CRN renewal and addition of Reflex Gages model series RC# & RS#.

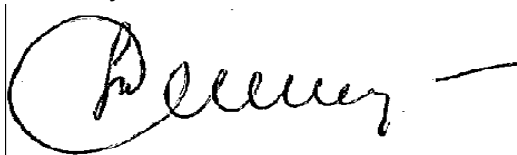
As indicated on AB-41 Statutory Declaration or AB-351 Declaration of Conformity form and submitted documentation, the code of construction is SECTION I.

- 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 or AB-351 Declaration of Conformity as supported by the attached data which identifies the dimensions, materials of construction, press./temp. 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 or AB-351 Declaration of Conformity 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, and maintains a valid Certification of Authorization Permit if required by the jurisdiction where manufacturing takes place, 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 3310 or fax (780) 437-7787 or e-mail Onshchenko@absa.ca.

Sincerely,



ONSHCHENKO, TETYANA, P. Eng.
DOP Cert. No. D00010125



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 F 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 2022.

Commissioner for Oaths:

Christine McCOMBS
(Printed name)
Christine McCombs
(Signature)



CHRISTINE MCCOMBS
 Notary Public
 State of Ohio
 My Comm. Expires
 July 9, 2025

Steve McGuigan
(Signature of Declarer)

FOR OFFICE USE ONLY

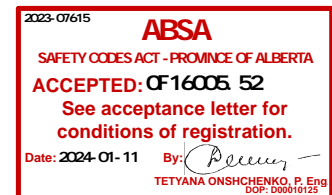
To the best of my knowledge and belief, the application meets the requirements of the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category _____.

CRN: _____

Registered by: _____

Dated: _____

NOTE: This registration expires on: **Nov.07,2033**



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.

*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 F Scope of Registration



Flat Glass Gages:

Model Series	Body Material	Body Drawing	Assembly Drawing Prefix	Temperature Rating	Pressure Rating
FG400	ASTM A675 Gr.50	FG7093A	FG1164	456°F	450 psi
FG900	ASTM A675 Gr.50	AB-15411	B-7010	533°F	900 psi
FG1500	ASTM A675 Gr.50	AB-15414	D-8605	597°F	1500 psi
FG2000	ASTM A675 Gr.50	AB-15414	FG1179	636°F	2000 psi

Reflex Gages (added in 2023):

Model Series	Body Material	Body Drawing	Assembly Drawing	Temperature Rating	Pressure Rating
RC#	SA-278 CL.30	B-18997	B-4366	406°F	250 psi
RS#	SA-516 Gr.70	AB-15410	B-12710	435°F	350 psi

Simpliport Bi-Color Liquid Level Gages:

Model Series	Body Material	Casting Drawing	Assembly Drawing Prefix	Temperature Rating	Pressure Rating
P4000	SA-351 Gr.CF8 Ref. DWG PS7282-A	PS7303A	PS1483	597°F	1500
P4100			PS1491	695°F	3000

Electrolev:

Model Series	Body Material	Body Drawing	Assembly Drawing Prefix	Temperature Rating	Pressure Rating
EL450	SA-106 Gr.B 2-1/2" XXS SMLS Pipe	A-15890	EL450	456°F	450
EL1000			EL1000	545°F	1000
EL1800			EL1800	621°F	1800
ELF3000			ELF3000	695°F	3000
ESB3000			ESB3000	695°F	3000

Body casting and material specification for the above valve series is designated by their body casting/forging drawings.

Detailed drawing list is on next page.

All welds for adaptors, flanges, couplings are to be a minimum thickness of $T_b + 1/16''$ and designated by WPS 1-1-101 and WPS 1-1-102. T_b is thickness of base material.