



345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org

March 27, 2023

CLARK-RELIANCE CORP
16633 FOLTZ INDUSTRIAL PKWY
STRONGSVILLE OH 44149

Workorder Type: Registration - Fitting(Conventional)
Workorder No: 8234084
Your Reference No.:
Registered to: CLARK-RELIANCE CORP

Dear STEVE MCGUIGAN,

Technical Standards and Safety Authority (TSSA) is pleased to inform you that your submission has been reviewed and registered as follows:

CRN : 0C24476.5
Main Design No.: Scope of Registration, Valve body drawings
Expiry Date: Mar 27, 2033

Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

Note: Items was previously registered under CRN 0C15728.5, and new CRN # 0C24476.5 is issued to supersede the existing registration number.

The stamped copy of the approved registration and the invoice are mailed separately (There will be no hard copies for electronic submissions). Should you have any questions or require further assistance, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Ruiming You P,ENG
Engineer, BPV



Tel. : +1 416-734-3428
Email : ryou@tssa.org

345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org



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 C 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: _____

Technical Standards and Safety Authority Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: 0C24476.5

Signed: Steve McGuigan

Date: March 27, 2023.

NOTE: This registration expires on: **March 27, 2033** See Scope of registration

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

CRN: Reliance Category C Scope of Registration

THIS IS PART OF CRN
0C24476.5
Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
Program

Water Gage Valves Components:

Casting/ Forging	Material	Valve Series	Drawing	Max ID/NPS Size	Min. Thick.	Max Pressure Rating	Ref. Ass'y Dwg	Standard Used to Confirm Min. Wall within Press. Rating Allowable
Dwg = C-19095	SA-105 Steel	800	SG754-1	Ø1.07"	.336"	900#	SG1820	ASME B16.34-2020
		700	SG777- 1MSW	Ø1.07"	.336"	1500#	SG1805	
Dwg = B-18827	SB-61 Bronze	600	AB19343-1	NPS 3/4"	.220"	300#	BG1030	ASME B16.24-2021
		500						
		400						
Dwg = A-3724		600	A-3724	NPS 3/4"	0.28"			
Dwg = A7457	600	BG7011	NPS 3/4"	0.168"				

Ball Check Components (Used with RSG854 and RSG777 valves):

Reference Drawing	Material	Max ID/Size	Min. Thickness	Max Pressure Rating	Relative Valve Series	Reference Drawings Ass'y and Components	Standard Used to Confirm Min. Wall within Press. Rating Allowable
A-14348	SA-106	Ø.502"	.373"	900# And 1500#	800 and 700	DD7005-A SG1846 (1:2) SG1846 (2:2) SG1846W T-1648-A	ASME B16.34- 2020
DD7003- A	SA-479 304SS	Ø.91"	.600"				
DD7004- A	SA-479 304SS	Ø1.07"	.668"				

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

Package for Minimum wall locations and references to ASME B16.34 Table 3 and ASME B16.24 Table 8.1.2-2 is attached. This package includes all the drawings listed in the above tables.

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.