



Inspection and Technical Services Manitoba
500 - 401 York Avenue
Winnipeg Manitoba R3C 0P8
T (204) 945-3373
F (204) 948-2309
www.firecomm.gov.mb.ca/codes_steam_pressure.html

August 6, 2013

TSSA
3300 Bloor St. W, Center Tower, 14th Floor
Toronto, ON
M8X 2X4

Attn: Tanya Francis

REGISTRATION OF VALVES AND FITTINGS

Manufacturer: Clark-Reliance Corporation

The design(s) for the following Valves/Fittings has been received by us and has been examined and accepted for registration in the Province of Manitoba as follows.

DRAWING / CATALOGUE	CRN	FILE
CATALOG – STEEL WATER COLUMNS	0H16066.54	32853

An invoice covering survey and registration fees is enclosed.

NOTE: This registration expires June 5, 2023. See attached for Scope of Registration.

This registration is valid until the indicated expiry date 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.

The registration of this design does not relieve the manufacturer, the owner or his agent of the responsibility for the design or construction of a fitting in accordance with the applicable Acts, Codes and Standards. Inspection and Technical Services assumes no responsibility by registering designs, examining plans and/or inspecting equipment or facility.

Yours truly,

Ryan DeLury, C.E.T.
Senior Design Surveyor, Inspection and Technical Services



TECHNICAL STANDARDS & SAFETY AUTHORITY
 14th Floor, Centre Tower
 3300 Bloor Street West
 Toronto, Ontario
 Canada M8X 2X4

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, Steven McGuigan, Research and Development Manager
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Clark-Reliance Corp.
(Name of Manufacturer)

Located at 16633 Foltz Parkway, Strongsville, OH 44149 USA (440) 572-1500 (440) 238-8828
(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 Boiler Code - Section 1

(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 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 H type fittings. In support of this application, the following information and/or test data are attached as follows:

B51 Certificate, ISO Certificate, Drawings, Bulletins, Calculations. See attached for model descriptions.

(drawings, calculations, test reports, etc.)

Declared before me at CLARK-Reliance in the State of OHio
 the 22 day of MARCH AD 2013.

Commissioner for Oaths:

Christine McCombs
(Printed name)
Christine McCombs
(Signature)

CHRISTINE McCOMBS
 NOTARY PUBLIC, LORAIN COUNTY, OHIO
 MY COMMISSION EXPIRES 9 JULY 2015

Steven R. 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 H.

CRN: OH16066.54

Registered by: [Signature]

Dated: AUG 2, 2013

NOTE: This registration expires on June 5, 2023

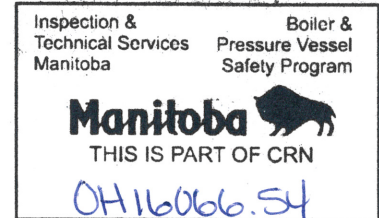
* AS PER ATTACHED "PART OF CRN" (RD)

Clark-Reliance Model Code(s) for CRN Category H

Water Columns:

This submittal covers the following models for water columns. Model number extension (-#####) designated by number of probes and probe type, specified by the customer.

- W0350-##### Series (Drawings WC350 and WC350W)
- W0450-##### Series (Drawings WC450 and WC450W)
- W0600-##### Series (Drawings WC600 and WC600W)
- W0900-##### Series (Drawings WC900 and WC900W)
- W1100-##### Series (Drawings WC1100 and WC1100W)
- W1250-##### Series (Drawings WC1250 and WC1250W)
- W1500-##### Series (Drawings WC1500 and WC1500W)
- W1800-##### Series (Drawings WC1800 and WC1800W)
- W2500-##### Series (Drawings WC2500 and WC2500W)
- W3000-##### Series (Drawings WC3000 and WC3000W)



Size, pressure/temperature ratings, material specification, and wall thicknesses designated by drawings as listed above.

Weld map specifications are designated by drawings with "W" extension as listed above.

Pressure calculations for all components in the above drawings are attached.

Index of Attachments

<u>Description</u>	<u># of pages</u>
National Registration Application for Fittings, Category H	1
(2) Notarized TSSA Statutory Declarations	1 ea
(2) Uniform Statutory Declaration	1 ea
(2) ABSA Statutory Declarations	1 ea
(6) ISO9001 Certificates	1 ea
(6) CSA-B51-09 Certificates	1 ea

Water Columns

<u>Description</u>	<u># of pages</u>
(7) Water Columns Bulletins	7 ea
(7) Water Columns Drawing Packages	24 ea
(7) Weld Procedure 1-1-101	4 ea
(7) Weld Procedure 1-1-102	6 ea
(7) Calculations Package	4 ea





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

November 17, 2017

STEVEN MCGUIGAN
CLARK-RELIANCE CORP
16633 FOLTZ INDUSTRIAL PKWY
STRONGSVILLE OH 44149
US

Service Request Type.: BPV-National MB
Service Request No.: 2109048
Your Reference No.: EA100G
Registered to.: CLARK-RELIANCE CORP

Dear STEVEN MCGUIGAN,

Please find enclosed the original response from MB, registered under the CRN No.: 0H16066.54.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you. For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Tanya Francis
Administrative Assistant_ BPV Engineering
Tel. : 416-734-3423
Fax : 416-231-6183
Email : tfrancis@tssa.org



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October 23, 2017

TSSA
345 Carlingview Drive
Toronto, ON
M9W 6N9

Attn: Tanya Francis

REGISTRATION OF VALVES AND FITTINGS

Manufacturer: Clark-Reliance Corporation

The design(s) for the following Valves/Fittings has been received by us and has been examined and accepted for registration in the Province of Manitoba as follows.

DRAWING / CATALOGUE	CRN	FILE
EA100G Levelarms (Class 150, 300, and 600)	0H16066.54	38082

An invoice covering survey and registration fees is enclosed.

NOTE:

- *CRN registered under reciprocal agreement & is conditional based on compliance with the notes set by the original issuing Jurisdiction: TSSA.*
- *This registration was submitted with only one copy of the drawings.*
- *This registration expires **June 5, 2023.***

This registration is valid until the indicated expiry date 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.

The registration of this design does not relieve the manufacturer, the owner or his agent of the responsibility for the design or construction of a fitting in accordance with the applicable Acts, Codes and Standards. Inspection and Technical Services assumes no responsibility by registering designs, examining plans and/or inspecting equipment or facility.

Yours truly,

Rabie Harb, E.I.T.
Design Surveyor
Office of the Fire Commissioner
Inspection and Technical Services Manitoba
508 - 401 York Avenue
Winnipeg, Manitoba, R3C 0P8
Phone: 204-945-3373
Email: rabie.harb@gov.mb.ca



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

Sho

will



Reliance[®]
 A PRODUCT OF CLARK-RELIANCE

STATUTORY DECLARATION Registration of Fittings

I, Steve R McGuigan, Research and Development Manager
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Clark-Reliance Corporation
(Name of Manufacturer)

Located at 16633 Foltz Parkway, Strongsville, OH 44149, USA +1 440 572 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 Boiler Code, Section 1
(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 which has been verified by the following authority, Hartford Steam Boiler (HSB)

The items covered by this declaration, for which I seek registration, are category H type fittings. In support of this application, the following information and/or test data are attached as follows:
ISO Certificate, Drawings, Calculations, Scope of Registration.
(drawings, calculations, test reports, etc.)

Declared before me at CLARK-RELIANCE in the State of OHIO
 the 13th day of OCTOBER AD 2016.



Christine McCombs
 Notary Public, State of Ohio
 My Commission Expires
 July 9, 2020

Commissioner for Oaths:

Christine McCombs
(Printed name)

Christine McCombs
(Signature)

Steve R. 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 "H".

CRN: PH16066.54

Registered by: Rabic Harb

Dated: 2017/10/23

NOTE: This registration expires on: June 5, 2023

