



To:	TSSA	From:	Janet Townsend
Company:	NCI Canada Inc.	Phone:	416-747-4291
Pages:	8	Location:	Toronto
Our File:	ANR-4505	Date:	April 18, 2017

Your File: 2053402

Subject: Request for Design Registration

Dear Ms. Francis,

CSA has reviewed the documentation submitted by TSSA on behalf of NCI Canada Inc. These fittings have been registered by CSA for the Province of Québec. In accordance with an agreement between CSA, the Provinces of Québec and Saskatchewan; this registration is recognized by Quebec and Saskatchewan. These fittings are acceptable for use in these Provinces. The letters CSA will be applied as a prefix to the CRN indicate which fittings have been registered in this manner. A copy of the stamped Statutory Declaration is attached.

The CRN is CSA-0C19200.56.

A copy of the Statutory Declaration with an original stamp affixed will be forwarded to you along with our invoice by regular mail.

Yours truly

A handwritten signature in blue ink that reads 'Janet Townsend'.

Janet Townsend
Program Manager
CSA Group

178 Rexdale Blvd.
Toronto, ON, M9W 1R3
Canada
www.csagroup.org



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, DAVID TERRY, PRESIDENT
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of NCI CANADA INC.
(Name of Manufacturer)

Located at 2305 WYECROFT ROAD, OAKVILLE, ONTARIO, L6L 6R2 905-727-5545 905-727-4088
(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 MSS SP-80

(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:9001:2008 which has been verified by the following authority, CERTECH REGISTRATION INC.

The items covered by this declaration, for which I seek registration, are category C - VALVES type fittings. In support of this application, the following information and/or test data are attached as follows:

CLASS 150 AND 300 BRONZE GATE, GLOBE AND CHECK VALVES SCOPE OF CRN, CALCULATIONS, REPORTS

(drawings, calculations, test reports, etc.)

Declared before me at Toronto in the Province of Ontario
 the 9th day of October AD 20 16.

Commissioner for Oaths:
Jimmy Maxwell
(Printed name)

[Signature]
(Signature)

[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 C

CRN: CSA-OC19200.56

Registered by: A. BANWATT

Dated: APRIL 12 2017

NOTE: This registration expires on FEB. 28, 2022

REGISTERED

CSA Group

CRN: CSA-OC19200.56

Registration Process administered by
 CSA Group per CSA B51

REGISTERED



CRN: CSA-0019200.56

Registration Process administered by
CSA Group per CSA B51

Technical Review performed per CSA B51
Performed by: ANRIC Enterprises Inc.

Signed: [Signature]

Date: 12 April, 2017


**CERTIFIED
TRUE COPY**
Date: 4 Apr 17
Signature: [Signature]

Christine Garbeiz, a Commissioner, etc.,
City of Toronto, for the Technical
Standards & Safety Authority.
Expires June 17, 2017.



NCI CANADA INC.
2305 WYECROFT RD.
OAKVILLE, ONTARIO
L6L 6R2, CANADA

10F3

ATTACHMENT TO
C.R.N. CSA-0019200.56
Signed:
178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

11-Jan-17

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SCOPE OF GRN REGISTRATION

Product Description	NCI Model	Design Code	Size Range	End Connection	Body and Bonnet Specification	MAWP at 150F (Note 1)	MAWP at MAWT (Note 1,2,3)	MDMT (Note 4)	Design Report
CL.150 Bronze Gate Valve Rising Stem MSS SP-80 Type 2	GTVA-TBZ2333	MSS SP-80 ASME B31.3	1/4" Thru 3"	NPT	ASTM B62 C83600	300 psig	145 psig at 450 F	-20F	R-0676-1
CL.150 Bronze Gate Valve Rising Stem MSS SP-80 Type 2	GTVA-SBZ2333	MSS SP-80 ASME B31.3	1/4" Thru 2"	Solder (Note 5)	ASTM B62 C83600	300 psig	145 psig at 450 F	-20F	R-0676-1
CL.150 Bronze Gate Valve Non-Rising Stem MSS SP-80 Type 1A	GTVB-TBZ2333	MSS SP-80 ASME B31.3	1/4" Thru 3"	NPT	ASTM B62 C83600	300 psig	145 psig at 450 F	-20F	R-0676-1
CL.150 Bronze Gate Valve Non-Rising Stem MSS SP-80 Type 1A	GTVB-SBZ2333	MSS SP-80 ASME B31.3	1/4" Thru 2"	Solder (Note 5)	ASTM B62 C83600	300 psig	145 psig at 450 F	-20F	R-0676-1
CL.150 Bronze Gate Valve Rising Stem MSS SP-80 Type 2 Union Bonnet	GTVA-TBZ2333U	MSS SP-80 ASME B31.3	1/4" Thru 2"	NPT	ASTM B62 C83600	300 psig	145 psig at 450 F	-20F	R-0676-1
CL.150 Bronze Gate Valve Rising Stem MSS SP-80 Type 2 Union Bonnet	GTVA-SBZ2333U	MSS SP-80 ASME B31.3	1/4" Thru 2"	Solder (Note 5)	ASTM B62 C83600	300 psig	145 psig at 450 F	-20F	R-0676-1
CL. 150 Bronze Globe Valve Non-Metallic Disc MSS SP-80 Type 2	GLBA-TBZ2360	MSS SP-80 ASME B31.3	1/4" Thru 3"	NPT	ASTM B62 C83600	300 psig	145 psig at 450 F	-20F	R-0676-2
CL. 150 Bronze Globe Valve Non-Metallic Disc MSS SP-80 Type 2	GLBA-SBZ2360	MSS SP-80 ASME B31.3	1/2" Thru 2"	Solder (Note 5)	ASTM B62 C83600	300 psig	145 psig at 450 F	-20F	R-0676-2
CL. 150 Bronze Globe Valve Metal Disc MSS SP-80 Type 1	GLBA-TBZ2330	MSS SP-80 ASME B31.3	1/4" Thru 3"	NPT	ASTM B62 C83600	300 psig	145 psig at 450 F	-20F	R-0676-2
CL. 150 Bronze Globe Valve Metal Disc MSS SP-80 Type 1	GLBA-SBZ2330	MSS SP-80 ASME B31.3	1/2" Thru 2"	Solder (Note 5)	ASTM B62 C83600	300 psig	145 psig at 450 F	-20F	R-0676-2

THIS IS PART OF
CRN 0019200.5
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program



NCI CANADA INC.
2305 WYECROFT RD.
OAKVILLE, ONTARIO
L6L 6R2, CANADA

CSA Group 20F3

ATTACHMENT TO
C.R.N. CSA-OC19200.50

Signed: [Signature]

178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

11-Jan-17

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SCOPE OF CRN REGISTRATION CONTINUED

Product Description	NCI Model	Design Code	Size Range	End Connection	Body and Bonnet Specification	MAWP at 150F (Note 1)	MAWP at MAWT (Note 1,2,3)	MDMT (Note 4)	Design Report
CL.150 Inline Bronze Lift Check Valve Non-Metallic Disc MSS SP-80 Type 2	CKVB-TBZ2373	MSS SP-80 ASME B31.3	1/2" Thru 2"	NPT	ASTM B62 C83600	300 psig	145 psig at 450 F	-20F	R-0676-3
CL.150 Inline Bronze Lift Check Valve Non-Metallic Disc MSS SP-80 Type 2	CKVB-SBZ2373	MSS SP-80 ASME B31.3	1/2" Thru 2"	Solder (Note 5)	ASTM B62 C83600	300 psig	145 psig at 450 F	-20F	R-0676-3
CL.150 Bronze Y-Type Check Valve Metal Disc MSS SP-80 Type 3	CKVA-TBZ2331	MSS SP-80 ASME B31.3	1/4" Thru 3"	NPT	ASTM B62 C83600	300 psig	145 psig at 450 F	-20F	R-0676-4
CL.150 Bronze Y-Type Check Valve Metal Disc MSS SP-80 Type 3	CKVA-SBZ2331	MSS SP-80 ASME B31.3	1/4" Thru 3"	Solder (Note 5)	ASTM B62 C83600	300 psig	145 psig at 450 F	-20F	R-0676-4
CL.150 Bronze Y-Type Check Valve Non-Metallic Disc MSS SP-80 Type 4	CKVA-TBZ2361	MSS SP-80 ASME B31.3	1/4" Thru 3"	NPT	ASTM B62 C83600	300 psig	145 psig at 450 F	-20F	R-0676-4
CL.150 Bronze Y-Type Check Valve Non-Metallic Disc MSS SP-80 Type 4	CKVA-SBZ2361	MSS SP-80 ASME B31.3	1/4" Thru 3"	Solder (Note 5)	ASTM B62 C83600	300 psig	145 psig at 450 F	-20F	R-0676-4
CL.300 Bronze Gate Valve Non-Rising Stem MSS SP-80 Type 1A Union Bonnet	GTVB-TBZ3333U	MSS SP-80 ASME B31.3	1/4" Thru 2"	NPT	ASTM B61 C92200	1000 psig	300 psig at 550 F	-20F	R-0676-5
CL.300 Bronze Gate Valve Rising Stem MSS SP-80 Type 2 Union Bonnet	GTVA-TBZ3333U	MSS SP-80 ASME B31.3	1/4" Thru 2"	NPT	ASTM B61 C92200	1000 psig	300 psig at 550 F	-20F	R-0676-5
CL. 300 Bronze Globe Valve Stainless Steel Disc and Seat MSS SP-80 Type 3 Union Bonnet	GLBA-TBZ3443U	MSS SP-80 ASME B31.3	1/4" Thru 2"	NPT	ASTM B61 C92200	1000 psig	300 psig at 550 F	-20F	R-0676-6
CL. 300 Bronze Globe Valve Metal Disc MSS SP-80 Type 1 Union Bonnet	GLBA-TBZ3333U	MSS SP-80 ASME B31.3	1/4" Thru 2"	NPT	ASTM B61 C92200	1000 psig	300 psig at 550 F	-20F	R-0676-6

THIS IS PART OF
CRN OC19200.5
Technical Standards & Safety Authority
Sellers & Pressure Vessels
Safety Program



NCI CANADA INC.
2305 WYECROFT RD.
OAKVILLE, ONTARIO
L6L 6R2, CANADA

30F3

ATTACHMENT TO
C.R.N. CSA-0019200.56
Signed: [Signature]
178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

11-Jan-17

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SCOPE OF CRN REGISTRATION CONTINUED

Product Description	NCI Model	Design Code	Size Range	End Connection	Body and Bonnet Specification	MAWP at 150F (Note 1)	MAWP at MAWT (Note 1,2,3)	MDMT (Note 4)	Design Report
CL300 Bronze Y-Type Check Valve Metal Disc MSS SP-80 Type 3	CKVA-TBZ3330	MSS SP-80 ASME B31.3	1/4" Thru 2"	NPT	ASTM B61 C92200	600 psig	300 psig at 550 F	-20F	R-0676-7

Note 1: 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 NCI valve literature.

Note 2: Pressure-temperature ratings are in accordance with MSS SP-80 Table 1.

Note 3: Some codes (i.e., ASME BPVC, Section 1) limit the rating temperatures of ASTM B62 C83600 to 406F.

Note 4: The ratings given in MSS SP-80 at -20F to 150F shall also apply at lower temperatures. Products that are to operate at low temperatures shall conform to the rules of the applicable codes under which they are used.

Note 5: The safe pressure-temperature rating of a solder-joint piping system is dependent, not only on the valve, fitting and tubing strength, but also on the composition of the solder used for the joints. Pressure-temperature limitations for solder joints made with typical commercial solders are given in Table A1 of MSS SP-80. It shall be the responsibility of the user to select a solder composition that is compatible with the service conditions, as well as to assure the adequacy of workmanship employed in making the joints.

THIS IS PART OF
CRN 0019200.5
Technical Standards & Safety Authority
Bollers & Pressure Vessels
Safety Program

Certech Registration Inc.



Certificate of Registration

Quality Management System - **ISO 9001:2008**

This is to certify that:

NCI Canada Inc.

2305 Wyecroft Road, Oakville, Ontario L6L 6R2

Has earned certificate number: **16/2065**

NCI Canada Inc. system conforms to the requirements of ISO 9001:2008 for the following scope:

The design and development, distribution and manufacture of piping, valves and fittings for the residential, commercial, HVAC and irrigation construction industries.

Signed for and on behalf of Certech Registration Inc.

A handwritten signature in black ink, appearing to be "J. Smith", written over a white background.

President and CEO

Certificate originally granted on: November 23, 2016

Last scope change: N/A

Last renewal date: N/A

Renewal due: N/A

Certification expires on: **September 14, 2018**

File number: L0068Q

One location covered under this certification

To check the validity of this certificate e-mail info@certechregistration.com

Please refer to Organizations Quality Manual for details of any exclusion to ISO 9001:2008 requirements. This Certificate is not a legal document. This Certificate remains the property of Certech Registration Inc., to whom it must be returned upon request.

Certech Registered Office: 35 Romina Dr. 2nd Floor, Vaughan, Ontario L4K 4Z9



178 Rexdale Blvd.
Toronto, Ontario
Canada M9W 1R3
Tel: (416) 747-4000
www.csagroup.org



March 2017

CRN – Canadian Registration Numbers - Saskatchewan

The Province of Saskatchewan participates with Quebec and the Canadian Standards Association (CSA Group) for the registrations of “Fittings”.

Per an agreement with CSA Group in April 1998, Saskatchewan recognizes registrations done by CSA Group and accepts such fittings for use in Saskatchewan.

The letters “CSA” are applied as a prefix to the CRN to indicate which “Fittings” have been registered in this manner. You should inform your clients of this additional marking requirement and that “Fittings” registered by CSA Group are accepted for use in Saskatchewan Canada.