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## REGISTRATION OF A PRESSURE FITTING DESIGN

19-Jan-21

TSSA  
345 Carlingview Drive  
Toronto, Ontario  
M9W 6N9

**Attention: Tanya Francis**

**File Number: 11859 [ 0 F]**

**Re: Manufacturer: Generant Company Inc.**  
**Item: CRV Series and CV-XX3X-T-X Series Valves**  
**Catalog or Drawing: Per Scope of Registration & Product Brochure**

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:

**OC7024.53                      Expiry Date: October 27, 2030**

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,

A handwritten signature in blue ink, appearing to read "A. Syrgiannis".

Athan Syrgiannis, P.Eng.  
Codes and Standards Compliance

### Remarks:

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

Conditional upon compliance with the notes on the original TSSA registration.





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

GENERANT  
 BUTLER, NJ

## STATUTORY DECLARATION

### Registration of Fittings

I, James Lesky, Director of Quality Assurance  
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Generant Company, Inc.  
(Name of Manufacturer)

Located at 1865 Rt. 23 South, P.O. Box 768, Butler, NJ, USA, 07405 973-838-6500 x149 973-838-4888  
(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 B31.3 Process Piping Code

(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, Kiwa Belgium

The items covered by this declaration, for which I seek registration, are category "C" type fittings. In support of this application, the following information and/or test data are attached as follows:  
ISO9001:2015 Certificate from Kiwa Belgium, tests, drawings, BOMs, design calculations.

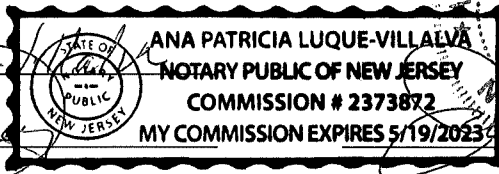
(drawings, calculations, test reports, etc.)

Declared before me at Generant Company, Inc. in the County of Morris  
 the 23rd day of October AD 2020.

Commissioner for Oaths:

Ana P. Luque-Villalva  
(Printed name)

Ana P. Luque-Villalva  
(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 \_\_\_\_\_.

CRN: \_\_\_\_\_

Registered by: \_\_\_\_\_

Dated: \_\_\_\_\_

**Technical Safety Authority**  
of Saskatchewan

Registration No. OC7024.53

File No. 11859

Registered

Date: January 19, 2021

Expiry Date: October 27, 2030

Codes & Standards Compliance Office

**NOTE: This registration expires on:** \_\_\_\_\_

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



## SCOPE OF REGISTRATION

### Product Description & Catalog/Brochure/Data-Sheet No.

Product Model or Series	ASME/ANSI Design Standard	Size or Size Range	Std. Pressure Class or MAWP @ Max. Temperature	Actual Wall thickness vs. Min. required (if no proof test report)	Ref. Calculation No. or Proof Test Report	ASME/ASTM Material Specification
CV-253B-T-X	ASME B31.3	1/4"-18 NPT	1000 PSIG @ 350°F	0.0425 vs. 0.0284	CV-1-250 & wall calc.	ASTM B16
CV-373B-T-X	ASME B31.3	3/8"-18 NPT	1000 PSIG @ 350°F	0.0400 vs. 0.0675	CV-1-375 & wall calc.	ASTM B16
CV-503B-T-X	ASME B31.3	1/2"-14 NPT	1000 PSIG @ 350°F	0.0775 vs. 0.0537	CV-1-500 & wall calc.	ASTM B16
CV-753B-T-X	ASME B31.3	3/4"-14 NPT	1000 PSIG @ 350°F	0.1000 vs. 0.0623	CV-1-750 & wall calc.	ASTM B16
CV-1003B-T-X	ASME B31.3	1"-11-1/2 NPT	1000 PSIG @ 350°F	0.0875 vs. 0.0712	CV-1-1000 & wall calc.	ASTM B16
CV-1253B-T-X	ASME B31.3	1-1/4"-11-1/2 NPT	1000 PSIG @ 350°F	0.1675 vs. 0.1303	CV-1-1250 & wall calc.	ASTM B16
CV-1503B-T-X	ASME B31.3	1-1/2"-11-1/2 NPT	1000 PSIG @ 350°F	0.1500 vs. 0.1300	CV-1-1500 & wall calc.	ASTM B16
CV-2003B-T-X	ASME B31.3	2"-11-1/2 NPT	850 PSIG @ 350°F	0.1450 vs. 0.1414	CV-1-2000 & wall calc.	ASTM B16
CV-253SS-T-X	ASME B31.3	1/4"-18 NPT	1000 PSIG @ 350°F	0.0425 vs. 0.0238	CV-1-250SS & wall calc.	ASTM A479
CV-373SS-T-X	ASME B31.3	3/8"-18 NPT	1000 PSIG @ 350°F	0.0675 vs. 0.0270	CV-1-375SS & wall calc.	ASTM A479
CV-503SS-T-X	ASME B31.3	1/2"-14 NPT	1000 PSIG @ 350°F	0.0745 vs. 0.0360	CV-1-500SS & wall calc.	ASTM A479
CV-753SS-T-X	ASME B31.3	3/4"-14 NPT	1000 PSIG @ 350°F	0.1000 vs. 0.0419	CV-1-750SS & wall calc.	ASTM A479
CV-1003SS-T-X	ASME B31.3	1"-11-1/2 NPT	1000 PSIG @ 350°F	0.0875 vs. 0.0479	CV-1-1000SS & wall calc.	ASTM A479
CV-1253SS-T-X	ASME B31.3	1-1/4"-11-1/2 NPT	1000 PSIG @ 350°F	0.1675 vs. 0.0664	CV-1-1250SS & wall calc.	ASTM A479
CV-1503SS-T-X	ASME B31.3	1-1/2"-11-1/2 NPT	1000 PSIG @ 350°F	0.1500 vs. 0.0663	CV-1-1500SS & wall calc.	ASTM A479
CV-2003SS-T-X	ASME B31.3	2"-11-1/2 NPT	1000 PSIG @ 350°F	0.1450 vs. 0.0843	CV-1-2000SS & wall calc.	ASTM A479

X – denotes nominal set pressure



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