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February 22, 2022

ALBERTA BOILERS SAFETY ASSOCIATION  
9410 20 AVE NW  
EDMONTON AB T6N 0A4

Workorder Type: Registration – Fitting (Conventional)  
Workorder No: 8040417  
Your Reference No.: 2021-04044 - CRN#0C21637.2 - GVS brand ball valve models B2 and GB2  
Registered to: GUIDE VALVE LIMITED

Dear NATHALIE DUGO,

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

**CRN No.: 0C21637.25**

Main Design No.: GVS brand ball valve models B2 and GB2 per Scopes of Fitting Designs attached to the Statutory Declaration.

Expiry Date: July 19, 2031

**Note: Only the valves in full compliance with ASME B16.34 standard are included in this registration.**

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](mailto: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,

Zivko Gacevic P. Eng.  
Engineer, BPV  
Tel.: 416-734-3429  
Email: [zgacevic@tssa.org](mailto:zgacevic@tssa.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

**GUIDE VALVE** **GVS**  
LIMITED

## STATUTORY DECLARATION

### Registration of Fittings

I, Leonard Golgota, Engineering Manager

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

of Guide Valve Limited

(Name of Manufacturer)

Located at as per attached list of Two manufacturing plants

(Plant Address)

9057617877

(Telephone No.)

9057617917

(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 VIII-1&2 and ASME B16.34 for pressure-temperature rating and wall thickness

(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 ISO9001/  
API Q1 which has been verified by the following authority, Intertek and API QR Registrar

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:

Calculation sheets Tech\_Cal\_B2-21-1 & Tech\_Cal\_GB2-21-2 & Tech\_Cal\_B2GB2-Ext and total eight assembly drawings

(drawings, calculations, test reports, etc.)

Declared before me at Vaughan Ontario

in the Regional

of York

the 9<sup>th</sup>

day of September

AD 20 21

Commissioner for Oaths: Augusto John Nazzarro, a Commissioner, etc.,  
Province of Ontario, for Nazzarro Clark LLP,  
and its associates, Expires August 8, 2023

(Printed name)

(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: \_\_\_\_\_

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

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

NOTE: This registration expires on: Jul. 19, 2031

Technical  
Standards  
and Safety  
Authority

Boilers and  
Pressure Vessels  
Safety Program

**REGISTERED**

C.R.N.: 0C21637.25

Signed: Lawrence Z...

Date: February 22, 2022.

**Table 1\*\* Scope of Fitting Designs**

Item #	Primary Pressure Bearing / Retaining Component	Material of Construction	Port Connections and Size Range	MDMT	Rated Pressure		Pressure Class(es) / Schedule(s)	Design Code(s) of Construction	Reference Catalogue (pages) or Drawing(s)
					At Ambient Temperature	At Maximum Temperature			
GVS Ball valves model B2 and GB2	Body	ASTM A350 LF2 Cl.1	2" to 24"	-49°F	285 psi (ANSI 150) to 2220 psi (ANSI 900) at 100°F	194 psi (ANSI 150) to 1882 psi (ANSI 900) at 420°F	ANSI 150 to ANSI 900	ASME B16.34-2020	Eight sectional view drawings: STD-20-0115 REV-1 STD-20-0116 REV-1 STD-21-0017 REV-1 STD-21-0018 REV-1 STD-21-0019 REV-1 STD-21-0020 REV-1 STD-21-0021 REV-1 STD-21-0028 REV-1 And catalog: Tech-Cat-21-B2GB2

**Table 2 Additional Scope Information**

List/Attach Additional Detail and References (Product Configurations, Options, Illustrations, etc.)
Example: Series X Options

\*\* For additional alternatives of Table 1, refer to Form AB-41a, Guide for Completing Form AB-41

Tracking #: \_\_\_\_\_

**Table 1\*\* Scope of Fitting Designs**

Item #	Primary Pressure Bearing / Retaining Component	Material of Construction	Port Connections and Size Range	MDMT	Rated Pressure		Pressure Class(es) / Schedule(s)	Design Code(s) of Construction	Reference Catalogue (pages) or Drawing(s)
					At Ambient Temperature	At Maximum Temperature			
GVS Ball valves model B2 and GB2	Body	ASTM A350 LF2 Cl.1	sizes: 2" ANSI 1500 & 2500 3" ANSI 900 & 1500 6" ANSI 1500	- 49°F	285 psi (ANSI 150) to 61700 psi (ANSI 2500) at 100°F	194 psi (ANSI 150) to 5076 psi (ANSI 2500) at 420°F	ANSI 150 to ANSI 2500	ASME B16.34-2020	Eight sectional view drawings: STD-21-0018 REV-1 STD-21-0019 REV-1 STD-21-0020 REV-1 STD-21-0021 REV-1 STD-21-00 REV-1 And catalog: Tech-Cat-21-B2GB2

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THIS IS PART OF CRN  
0C21637.25  
Technical Standards and Safety Authority  
Boilers and Pressure Vessels Safety  
Program

Tracking #: \_\_\_\_\_

	Name	Manufacturing plant Location Address	Quality Systems	Name of Registration authority
1	Guide Valve Limited	Unit#1, 51 Terecar Drive, Woodbridge, Ontario. Canada L4L 0B5	ISO 9001:2015	Intertek
			API Q1	API
2	Guide Valve Wuxi Limited	Building M, No. 30 Wanquan Road, Xishan District, Wuxi, Jiangsu Province, China	ISO 9001:2015	API
			API Q1	API

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