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www.tssa.org

April 1, 2022

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

Workorder Type: Registration - Fitting(Conventional)
Workorder No: 8059451
Your Reference No.: 2021-04927 - CRN#C21937.2 - Ball Valves
Registered to: GUIDE VALVE LIMITED

Dear Kristine Trepanier,

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

CRN : 0C21937.25
Main Design No.: As listed on Table 1: Scope of Fitting Designs
Expiry Date: Dec 03, 2031

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

Note: 1. Design registration completed under interprovincial agreement with jurisdictional check only **2.** Pressure, Temperature ratings and Wall Thickness per ASME B16.34

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,

Shreyas Madhuranath M.Eng, P.Eng
Engineer, BPV



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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 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:

Tech_Cal_STV-2020, Catalog No. PAM-GVSTMBVAG-06-19& CAT-GVSMTMTMBV-01-2019& nine sectional assy. drawings

(drawings, calculations, test reports, etc.)

Declared before me at Vaughan Ontario in the Regional Municipality of York
the 9th day of September AD 2021.

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: **DEC 03, 2031**

Technical
Standards
and Safety
Authority

Boilers and
Pressure Vessels
Safety Program

REGISTERED

C.R.N.: 0C21937.25

Signed: [Signature]

Date: April 1, 2022.

*** Please see additional notes
on design registration letter**

	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

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 trunnion mounted Ball valves special trim	Body	Forged steel: A350 LF2 Cl.1 A350 LF6 A182 F51 A182 F316 ASTM A105 ASTM A182 F5A ASTM A182 F304	sizes: 2" & 3" ANSI 150 & 2500 4" to 8" ANSI 150 & 1500 10" to 24" ANSI 150 to 600	-49°F	285 psi (ANSI 150) to 6170 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	Nine sectional view drawings: G-ACID GAS-B1_R.3 G-ACID GAS-B1-150_R.0 G-ACID GAS-GB1_R.3 G-CO2-B1_R.3 G-CO2-B1-150_R.0 G-CO2-GB1_R.3 G-MTM-B1_R.2 G-MTM-B1-150_R.0 G-MTM-GB1_R.2

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