ABSA
the pressure equipment safety authority

9410 - 20 Ave N.W.
Edmonton, Alberta, Canada T6N 0A4
Tel: (780) 437-9100 / Fax: (780) 437-7787

March 11, 2020

Attention: Andre Schakel
WARREN VALVE CANADA ULC
1919 84 AVENUE
EDMONTON, AB T6P 1K1

The design submission, tracking number 2020-00918, originally received on February 18, 2020 was surveyed and accepted for registration as follows:

CRN : 0C20540.2 **Accepted on:** March 11, 2020

Reg Type: NEW DESIGN **Expiry Date:** March 11, 2030

Drawing No. : SCOPE OF FITTING DESIGNS

Fitting type: FORGED TRUNNION MOUNTED BALL VALVE (T3 SERIES)

Design registered in the name of : WARREN VALVE ENGINEERED PRODUCTS INC

The registration is conditional on your compliance with the following notes:

**** This registration covers only those valves that are in strict compliance with ASME B16.34, with respect to dimensions, pressure and temperature ratings, materials, markings etc.*

As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction is B16.34.

- This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form.
- This registration is valid only until the indicated expiry date and 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.

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3337 or fax (780) 437-7787 or e-mail Dick@absa.ca.

Sincerely,

DICK, ASHLING, P. Eng.
DOP Cert. No. D00007936

Alberta Municipal Affairs OC20540.2

MAR 11 2020

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AB-41 2019-08

STATUTORY DECLARATION
Registration of Fittings
Single or Multiple Fitting Designs within one Fitting Category

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.

WARREN VALVE engineered products

I, Duman Kydykov (name of applicant), the Product & Applications Engineer (position title) (must be in a position of authority)

of Warren Valve Engineered Products Inc. (name of manufacturer)

located at 14923 Fairway Pines Drive, Missouri City, TX 77489 (plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act

(select only one)

☒ comply with the requirements of API 6D (24th Ed.), ASME B16.34-2017 (title of recognized North American Standard) which specifies the dimensions, materials of construction, pressure/temperature ratings and identification marking of the fittings, or

☐ are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with _____ (title of code of construction or other applicable document) as supported by the attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the identification marking of the fittings.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified as described in the below Table as being suitable for the manufacturing of these fittings to the stated standard, regulation, code, guideline or other applicable document. The fittings covered by the declaration for which I seek registration are as provided in the Supplementary Sheet(s) attached.

Quality Program Verification and Manufacturing Sites

A copy of the Quality Certificate from each manufacturing site must be included

Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	Ball Valves (T3 Series) Model # 6605-T35DHRG	API Q1 (9th Ed.)	API Q1 specification establishes the minimum quality requirements for organizations that manufacture products or provide manufacturing-related	11/21/2022	API (American Petroleum Institute	14923 Faiway Pines Drive, Missouri City, TX 77489

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			processes under a product specification for use in the petroleum and natural gas industry.			
2.						

Alberta Municipal Affairs

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In support of this application, the following information, calculations and/or test data are attached:

Drawing # 8" 6605-T35DHRG, Calculation sheets for drawings: T30108660, T30208660, T30308660, T30408660, WV-MS-A105001, WV-MS-A105002, WV-MS-3160001, WV-MS-LF20001, additional docs are attached.

Duman Kydykov (Signature of the Declarer) 1/14/2020 (Date)

DECLARED before me at Houston (city) in the State of Texas (province, territory, or state)

this 14 day of Jan (Month), 2020 (Year)

(print) Quintina Means
(a Commissioner of Oaths or Notary Public)

(sign) Q. M
(a Commissioner of Oaths or Notary Public)

03/28/2022
(expiry date (mm/dd/yy))

QUINTINA MEANS
Notary Public, State of Texas
Comm. Expires 03-28-2022
Notary ID 131508019

Commissioner of Oaths / Notary Public in and for: Texas (province, territory, or state)

For ABSA Office Use Only:

NOTES: * See Table 1 - Scope of Fitting Designs AD

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Part 1, Clause 4.2, and is accepted for registration in Category _____.

CRN: 0C20540.2

Registered Date: MAR 11 2020

Expiry Date: March 11, 2030

Signature: T.M. (ASHLING) DIGN
(Signature of the Administrator/SCO)

The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Pressure Equipment Discipline

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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			
Forged Trunnion Mounted Ball Valve (T3 Series)	Body, Adapter, Stem, Seat Ring	ASTM A105N, ASTM A350 LF2, ASTM A182 F316	Raised Face Flange, Ring Type Joint, Flange, Butt-Weld End 6" to 48"	MDMT for A105N & F316: - 20°F MDMT for LF2: - 50°F	A105N/LF2: 285 psi @ 100 °F 740 psi @ 100 °F 1480 psi @ 100 °F 2220 psi @ 100 °F 3705 psi @ 100 °F 6170 psi @ 100 °F F316: 275 psi @ 100 °F 720 psi @ 100 °F 1440 psi @ 100 °F 2160 psi @ 100 °F 3600 psi @ 100 °F 6000 psi @ 100 °F	A105N: 230 psi @ 300 °F 655 psi @ 300 °F 1310 psi @ 300 °F 1965 psi @ 300 °F 3270 psi @ 300 °F 5450 psi @ 300 °F LF2: 215 psi @ 350 °F 645 psi @ 350 °F 1287 psi @ 350 °F 1933 psi @ 350 °F 3220 psi @ 350 °F 5365 psi @ 350 °F F316: 215 psi @ 300 °F 560 psi @ 300 °F 1120 psi @ 300 °F 1680 psi @ 300 °F 2795 psi @ 300 °F 4660 psi @ 300 °F ****NOTE** Maximum temperatures may be limited based on valve seal material**	150# 300# 600# 900# 1500# 2500#	API 6D (24th Ed.) ASME B16.34-2017	**General Assembly Drawing:** 8" 6605-T35DHRG **Component Drawings:** Body - T30108660 Adapter – T30208660 Stem – T30308660 Seat Ring – T30408660 **Material Specifications:** WV-MS-A105001 WV-MS- A105002 WV-MS-LF20001 WV-MS-LF20002 WV-MS-3160001 WV-MS-3160002 WV-MS-F510001 WV-MS-4140001 **Calculations:** Dwg. No. T30108660 Dwg. No. T30208660 Dwg. No. T30308660 Dwg. No. T30408660

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energy API

REGISTRATION NO. Q1-3975

Certificate of Registration

The American Petroleum Institute certifies that the quality management system of

WARREN VALVE ENGINEERED PRODUCTS INC.
14923 Fairway Pines Drive
Missouri City, TX

has been assessed by the American Petroleum Institute and found to be in conformance with the following:

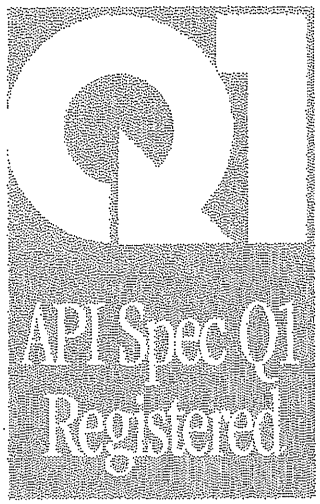
API Specification Q1

The scope of this registration and the approved quality management system applies to the:

Assembly and Testing of Ball Valves

API approves the organization's justification for excluding:

Servicing



Effective Date:	**NOVEMBER 21, 2019**
Expiration Date:	**NOVEMBER 21, 2022**
Registered Since:	**NOVEMBER 21, 2019**

Vice President of Global Industry Services

This certificate is valid for the period specified herein. The registered organization must continually meet all requirements of API Spec Q1, *Specification for Quality Programs for the Petroleum, Petrochemical and Natural Gas Industry*, and the requirements of the Registration Agreement. Registration is maintained and regularly monitored through annual full system audits. This certificate has been issued from API offices located at 200 Massachusetts Avenue, NW Suite 1100, Washington, DC 20001-5571, U.S.A. It is the property of API, and must be returned upon request. **To verify the authenticity of this certificate, go to www.api.org/compositelist.**

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