

November 17, 2023

Attention: Tanya Francis
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO, ON M9W 6N9

The design submission, Tracking Number 2023-05995, Web Portal Number 2023-S3946, originally received on September 29, 2023 was surveyed and accepted for registration as follows:

| | |
|---|---------------------------------------|
| CRN : 0B24771.52 | Accepted on: November 17, 2023 |
| Reg Type: NEW DESIGN | Expiry Date: August 31, 2033 |
| Drawing No. : SCOPE OF REGISTRATION | |
| Fitting type: FLANGES | |
| Design registered in the name of : BOLTEX MANUFACTURING COMPANY | |

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

As indicated on AB-41 Statutory Declaration or AB-351 Declaration of Conformity form and submitted documentation, the code of construction are B16.5, B16.36 and B16.47.

- *It is our understanding that the fitting(s), included as the scope of this submission, that is(are) subject to the Safety Codes Act shall comply with the requirements of the indicated Standard or Code of Construction on the AB-41 Statutory Declaration or AB-351 Declaration of Conformity as supported by the attached data which identifies the dimensions, materials of construction, press./temp. ratings and the basis for such ratings, and the identification marking of the fittings.*
- *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 or AB-351 Declaration of Conformity 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, and maintains a valid Certification of Authorization Permit if required by the jurisdiction where manufacturing takes place, 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,



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



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

BOLTEX

STATUTORY DECLARATION

Registration of Fittings

I, FRANK V. BERNOBICH, PRESIDENT

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

of BOLTEX MFG. CO.

(Name of Manufacturer)

Located at 4901 OATES ROAD, HOUSTON TEXAS 77013

(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 B16.5, ASME B16.47, ASME B16.36, MSS SP-44

(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, DNV

The items covered by this declaration, for which I seek registration, are category FLANGES type fittings. In support of this application, the following information and/or test data are attached as follows:
ISO 9001-2015 Certificate, Scope of Registration

(drawings, calculations, test reports, etc.)

Declared before me at 4901 Oates Road, Houston in the State of Texas

the 13th day of April AD 2023

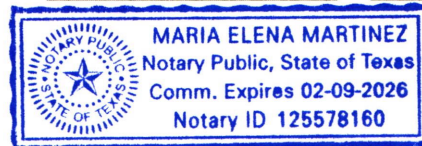
Commissioner for Oaths:

Maria Elena Martinez

(Printed name)

Maria E. Marty

(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 'B'

CRN: _____

Registered by: _____

Dated: 2023-11-17

NOTE: This registration expires on: 2033-08-31

2023-05995

ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA

ACCEPTED: **CB24771. 52**

See acceptance letter for conditions of registration.

Date: **2023-11-17**

By: Tik Sam Poon

ASHLING POON, P. Eng.
DOP: D00007936

This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act

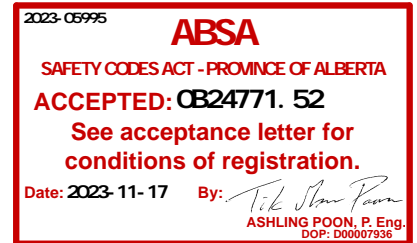
*Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request.

SCOPE OF REGISTRATION

April 11, 2023

Type of Fitting: Flanges

Design Codes: ASME B16.5, ASME B16.36, ASME B16.47, MSS SP-44



This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.

ASME B16.5

| Pressure Class | Flange Type | Size Range | Material Grades |
|----------------|---|-----------------------|--------------------------|
| Class 150 | Welding Neck, Slip-On, Blind, Threaded, Socket Welding & Lapped | NPS 1/2" - NPS 24" | See Material Grades List |
| Class 300 | Socket Welding | NPS 1/2" - NPS 3" | |
| | Welding Neck, Slip-On, Blind, Threaded & Lapped | NPS 1/2" - NPS 24" | |
| Class 400 | Welding Neck, Slip-On, Blind, Threaded & Lapped | NPS 1/2" - NPS 24" | |
| Class 600 | Socket Welding | NPS 1/2" - NPS 2 1/2" | |
| | Welding Neck, Slip-On, Blind, Threaded & Lapped | NPS 1/2" - NPS 24" | |
| Class 900 | Welding Neck, Slip-On, Blind, Threaded & Lapped | NPS 1/2" - NPS 24" | |
| Class 1500 | Threaded, Slip-On & Socket Welding | NPS 1/2" - NPS 2 1/2" | |
| | Welding Neck, Blind & Lapped | NPS 1/2" - NPS 24" | |
| Class 2500 | Threaded | NPS 1/2" - NPS 2 1/2" | |
| | Welding Neck, Blind & Lapped | NPS 1/2" - NPS 12" | |

boltex mfg. co.

4901 OATES ROAD HOUSTON, TEXAS 77013 • TELEPHONE 713-675-9433 • TELEFAX 713-672-6527 • www.boltex.com

ASME B16.36

| Pressure Class | Flange Type | Size Range | Material Grades |
|----------------|----------------------------------|------------------|--------------------------|
| Class 300 | Welding Neck, Threaded & Slip-On | NPS 1" - NPS 24" | See Material Grades List |
| Class 400 | Welding Neck | NPS 1" - NPS 24" | |
| Class 600 | Welding Neck | NPS 1" - NPS 24" | |
| Class 900 | Welding Neck | NPS 1" - NPS 24" | |
| Class 2500 | Welding Neck | NPS 1" - NPS 24" | |
| Class 2500 | Welding Neck | NPS 1" - NPS 12" | |

ASME B16.47

| Pressure Class | Flange Type | Size Range | Material Grades |
|--------------------|----------------------|-------------------|--------------------------|
| Class 150 Series A | Welding Neck & Blind | NPS 26" - NPS 60" | See Material Grades List |
| Class 300 Series A | | | |
| Class 400 Series A | | | |
| Class 600 Series A | | NPS 26" - NPS 48" | |
| Class 900 Series A | | | |
| Class 75 Series B | | NPS 26" - NPS 60" | |
| Class 150 Series B | | | |
| Class 300 Series B | | NPS 26" - NPS 36" | |
| Class 400 Series B | | | |
| Class 600 Series B | | | |
| Class 900 Series B | | | |

MSS SP-44

| Pressure Class | Flange Type | Size Range | Material Grades |
|----------------|----------------------|--------------------|--------------------------|
| Class 150 | Welding Neck & Blind | NPS 1/2" - NPS 60" | See Material Grades List |
| Class 300 | | | |
| Class 400 | | | |
| Class 600 | | NPS 1/2" - NPS 48" | |
| Class 900 | | | |

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| Material Grades List |
|--|
| ASTM A105/ASME SA105 |
| ASTM A350/ASME SA350 LF 2 Class 1 & 2 |
| ASTM A694 F42/F46/F48/F50/F52/F56/F60/F65/F70 (MSS SP-44 ONLY) |
| MSS SP-44 PSL1 F36/F42/F46/F50/F52/F56/F60/F65/F70 |



Fabian Garza – Quality Manager

MANAGEMENT SYSTEM CERTIFICATE

Certificate no.:
142240-2013-AQ-USA-ANAB

Initial certification date:
18 October, 1994

Valid:
16 September, 2021 – 15 September, 2024

This is to certify that the management system of

Boltex Mfg Co., I.p.

4901 Oates Road, Houston, TX, 77013, USA

and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Quality Management System standard:

ISO 9001:2015

This certificate is valid for the following scope:

Manufacture of Forged Steel Products

Place and date:
Katy, TX, 13 September, 2021



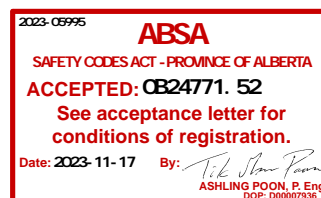
For the issuing office:
DNV - Business Assurance
1400 Ravello Drive, Katy, TX, 77449-5164, USA



Sherif Mekkawy
Management Representative



Certificate no.: 142240-2013-AQ-USA-ANAB
Place and date: Katy, TX, 13 September, 2021

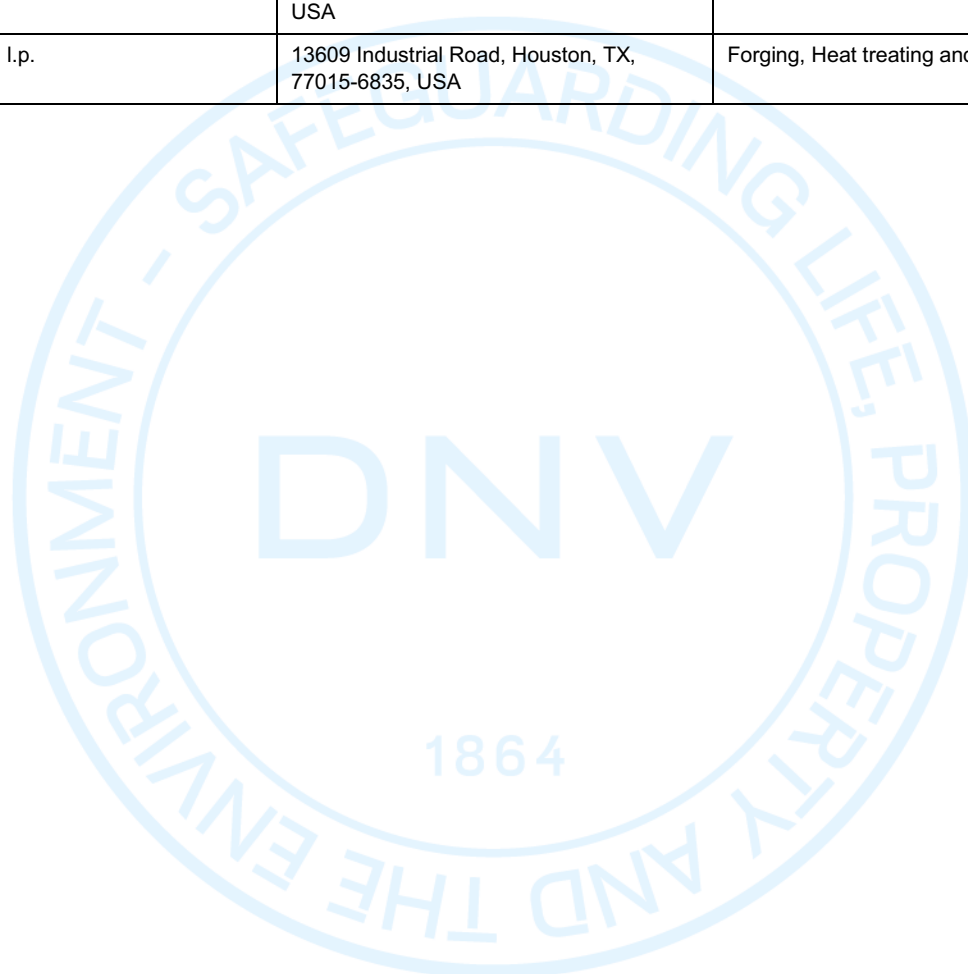


Appendix to Certificate

Boltex Mfg Co., I.p.

Locations included in the certification are as follows:

| Site Name | Site Address | Site Scope |
|----------------------|---|--|
| Boltex Mfg Co., I.p. | 4901 Oates Road, Houston, TX, 77013, USA | Administration, Machining and Warehouse. |
| Boltex Mfg Co., I.p. | 13609 Industrial Road, Houston, TX, 77015-6835, USA | Forging, Heat treating and Lab. |



Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.

ACCREDITED UNIT: DNV Business Assurance USA Inc., 1400 Ravello Drive, Katy, TX, 77449, USA - TEL: +1 281-396-1000. www.dnv.com