

January 25, 2023

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

The design submission, Tracking Number 2023-00224, Web Portal Number 2023-S0116, originally received on January 12, 2023 was surveyed and accepted for registration as follows:

CRN : 0B15163.52

Accepted on: January 25, 2023

Reg Type: RENEWAL

Expiry Date: December 22, 2032

Drawing No. : KEY 248 SCOPE OF REGISTRATION

Fitting type: FLANGES, ORIFICE FLANGES AND STEEL RINGS

Design registered in the name of : HINDON FORGE PVT LTD

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

*** This is a renewal, with no design change, nor any scope change*

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

- 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,



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

NOTE: You cannot save the DATA you entered on this form, you must print a copy and FAX it or MAIL it!



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

HF

STATUTORY DECLARATION Registration of Fittings

I, SANJEEV PANCHAL - TECHNICAL DIRECTOR
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of HINDON FORGE PVT LTD
(Name of Manufacturer)

Located at C-173 B.S. ROAD INDUSTRIAL AREA, GHAZIABAD, U.P. 201 001 INDIA
(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 B 16.47 SR A& B, ASME B16.1, ASME B16.36, AWWA 207, 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, CAPL. The items covered by this declaration, for which I seek registration, are category B type fittings. In support of this application, the following information and/or test data are attached as follows:

DRAWINGS & DIMENSION CATALOGUE KEY 248 SCOPE OF REGISTRATION REV A

(drawings, calculations, test reports, etc.)

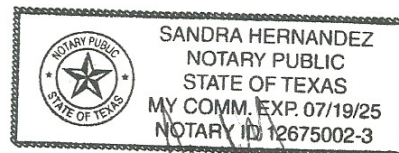
Declared before me at Houston in the State of Texas

the 28 day of May AD 2020

Commissioner for Oaths:

Sandra Hernandez
(Printed name)

[Signature]
(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: 2023-01-25

NOTE: This registration expires on: 2032-12-22

2023-00224

ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA

ACCEPTED: 0B15163.52

See acceptance letter for conditions of registration.

Date: 2023-01-25

By:

[Signature]
ASHLING DICK, 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.

PV 09553 (04/17)

**** This is a renewal, with no design change, nor any scope change.**

**** See attached KEY 248 Scope of Registration Rev A for details.**

Hindon Forge Pvt Ltd: Dimensional CatalogueNotes:

- a) All Pressure and Temperature Ratings to be per listed standard, for each material and class.
 b) Materials: A/SA 105/105N, A/SA 182, A/SA 350
 c) Flanges to conform to all service conditions specified in each standard.
 d) LWN flanges conforming to B16.5: sizes 1/2" to 24", for Class 150, 300, 400, 600, 900, & 1500; sizes 1/2" to 12" for Class 2500

Pages	Class	Size Range Type	ANSI/ASME Standard	Series
6-12	150, 300, 400, 600, 900, 1500, 2500	1/2" through 24"	B16.5	
13-17	125LW/SO/WN & 150 SO, 250 SO/WN	4" through 96" (Class 125) 6" through 96" (Class 125 WN) 26" through 48" (Class 250)	B16.1**	
18-22	150, 300, 400, 600, 900	26" through 60" WN,BL	B16.47*	A
23-28	75, 150, 300, 400, 600, 900	26" through 60" WN,BL	B16.47	B
29	300	1" through 24" SO Orifice	B16.36	
30	300	1" through 8" THR Orifice	B16.36	
31	300	1" through 24" WN Orifice	B16.36	
32	400	4" through 24" WN Orifice	B16.36	
33	600	1" through 24" WN Orifice	B16.36	
34	900	3" through 24" WN Orifice	B16.36	
35	1500	1" through 24" WN Orifice	B16.36	
36	2500	1" through 12" WN Orifice	B16.36	
37	86 psi	4" through 144" Steel Ring	AWWA C207	Table 2 Class B
38,39	150-175 psi	4" through 144" Steel Ring	AWWA C207	Tables 2 & 3 Class D
40,41	275 psi	4" through 144" Steel Hub	AWWA C207	Tables 4 & 5 Class E
42	300 psi	4" through 48" Steel Ring	AWWA C207	Table 6 Class F
43-56	150, 300, 400, 600, 900, 1500, 2500	1/2" through 24" RTJ	B16.5 metric & Imperial dimensions	

*
 Excluded from Registration
 - [Signature]
 W12

*This incorporates MSS-SP-44 for sizes 26" to 44"

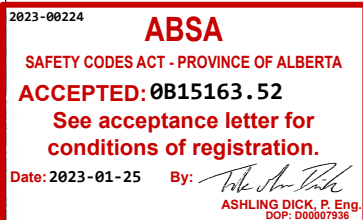
**For ANSI/ASME B16.1, material is to be as listed above.

Please note that the following are excluded from the scope:

- Pages 57-61, for BS 3293:1960 flanges

* }

See attachment A



2022-12-22

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.

Attachment A: Material Grade Specifications

Carbon Steel Flange materials:


A/SA 105
A/SA 105N
A/SA 350 LF1 Cl.1
A/SA 350 LF2 Cl.1
A/SA 350 LF2 Cl.2
A/SA 350 LF3 Cl.1
A/SA 350 LF3 Cl.2

Stainless Steel Flange materials:

A/SA 182 F304
A/SA 182 304L
A/SA 182 304H
A/SA 182 F316
A/SA 182 316L
A/SA 182 F316H
A/SA 182 F310
A/SA 182 F317L
A/SA 182 F321

Alloy Steel Flange materials:

A/SA 182 F1
A/SA 182 F5
A/SA 182 F9
A/SA 182 F11 Cl.2
A/SA 182 F12 Cl.2
A/SA 182 F22 Cl.3
A/SA 182 F91

(AS Noted) 

SAFETY CODES ACT - PROVINCE OF ALBERTA

REGISTRATION OF FITTINGS

REGISTRATION NO. **0B15163.52**

DWG. NO. or CAT. NO. *Rev A Scope of Registration Key-248*

TYPE OF FITTINGS *Flanges Orifice flanges Steel Flange*

JUN 24 2012 INITIALS *B.C. DESAI*

Date _____ B.C. DESAI, P.Eng.
DESIGN SURVEY ENGINEER

* In acceptance letter notes

A/SA 182 321H
A/SA 182 F347
A/SA 182 347H
A/SA 182 F348
A/SA 182 348H
A/SA 182 F51
A/SA 182 F53
A/SA 182 F55



2022-12-22