



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

KDT

STATUTORY DECLARATION Registration of Fittings

I, RISHABH ARORA, INSIDE SALES & QUALITY SYSTEMS COORDINATOR
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of KISAAN DIE TECH PVT. LTD.
(Name of Manufacturer)

Located at A7/4 Electro Steel Compound, S.S.G.T Road Indl Area, Ghaziabad +16138048353
(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 B16.36 PIPE FLANGES AND FLANGED FITTINGS
(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, TUV NORD.

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:
ASME B16.36 DIMENSIONAL SPECIFICATIONS, SCOPE OF REGISTRATION, ISO CERTIFICATE
(drawings, calculations, test reports, etc.)

Declared before me at Ontario in the Province of Ontario
 the 9th day of April AD 2024.

Commissioner for Oaths:
Daniel Bader
(Printed name)
[Signature]
(Signature)

Rishabh Arora
(Signature of Declarant)



1505 Superior Dr. Ottawa, ON K1Z 7T2

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: _____

2024-04591

ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA

ACCEPTED: **OB16703 52**

See acceptance letter for conditions of registration.

Date: **2024-08-18** By: [Signature]

LILI ZHANG, P. Eng.
DOP: D00010626

NOTE: This registration expires on: 2034-07-25 2024-04591

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

This is to certify that Kisaan Die Tech manufactures pipe flanges to the following specifications:

Type of Flanges

ASME B 16.36 Orifice Flanges

Sizes, Pressure & Temperature ratings:

ASME B16.36-

Dimensions, Tolerances, Drilling, Facing,

Temperature and Pressure Ratings

(1 NPS through NPS 24, 300# – 2500# Pressure Class)

Carbon Steel: ASTM A105/ ASME SA105-
 ASTM A350 / ASME A350

Alloy Steel: ASTM A182/ ASME SA182-
 Type F1, F5A, F9, F91, F11 Class 2
 F12 Class 2, F22 Class 3

Stainless Steel: ASTM A182/ ASME SA182-
 Type F304/304L/304H, F316/316L/316H
 F 321/321H
 F51, F53

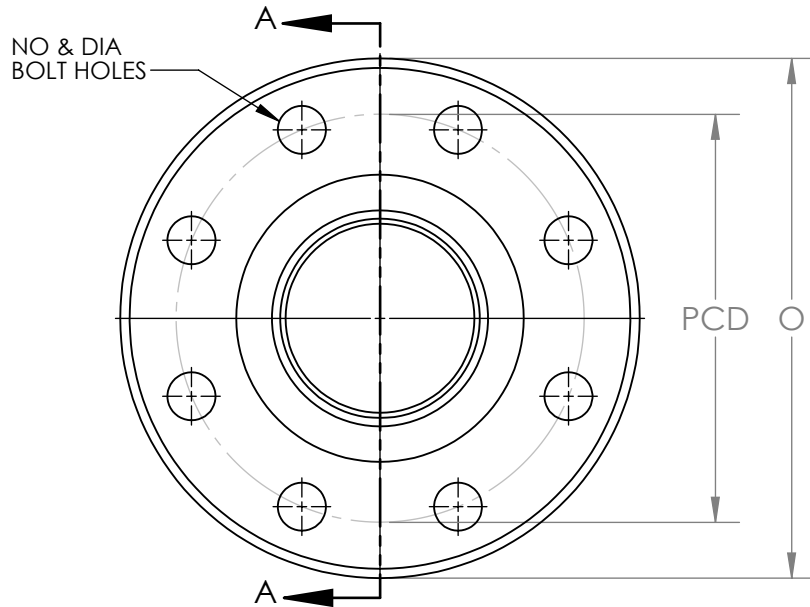
KISAAN DieTech

Dimension Drawings: ASME B16.36 2020

www.kisaandietech.com

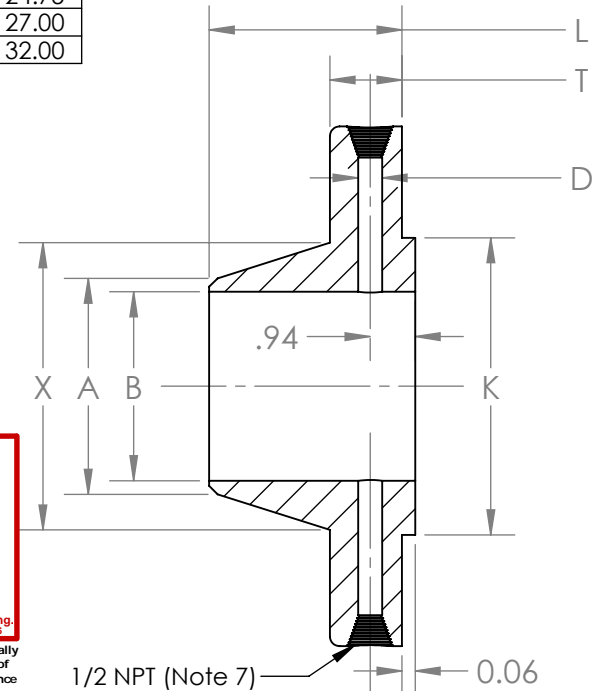
Nom. Pipe Size	O	X	B	A	T	L	K	D	No. & Dia of Bolt Hole	PCD
1"	4.88	2.12	Note 12	1.32	1.44	3.19	2.00	1/4	4 x 11/16	3.50
1-1/2"	6.12	2.75	Note 12	1.90	1.44	3.31	2.88	1/4	4 x 13/16	4.50
2"	6.50	3.31	Note 12	2.38	1.44	3.31	3.62	1/4	8 x 11/16	5.00
2-1/2"	7.50	3.94	Note 12	2.88	1.44	3.44	4.12	1/4	8 x 13/16	5.88
3"	8.25	4.62	Note 12	3.50	1.44	3.44	5.00	3/8	8 x 13/16	6.62
4"	10.00	5.75	Note 12	4.50	1.44	3.56	6.19	1/2	8 x 13/16	7.88
6"	12.50	8.12	Note 12	6.63	1.44	3.88	8.50	1/2	12 x 7/8	10.62
8"	15.00	10.25	Note 12	8.63	1.56	4.31	10.62	1/2	12 x 1	13.00
10"	17.50	12.62	Note 12	10.75	1.81	4.56	12.75	1/2	16 x 1-1/8	15.25
12"	20.50	14.75	Note 12	12.75	1.94	5.06	15.00	1/2	16 x 1-1/4	17.75
14"	23.00	16.75	Note 12	14.00	2.06	5.56	16.25	1/2	20 x 1-1/4	20.25
16"	25.50	19.00	Note 12	16.00	2.19	5.69	18.50	1/2	20 x 1-3/8	22.50
18"	28.00	21.00	Note 12	18.00	2.31	6.19	21.00	1/2	24 x 1-3/8	24.75
20"	30.50	23.12	Note 12	20.00	2.44	6.31	23.00	1/2	24 x 1-3/8	27.00
24"	36.00	27.62	Note 12	24.00	2.69	6.56	27.25	1/2	24 x 1-5/8	32.00

TOLERANCES	
B	± 0.5%
T 18" & Smaller	+0.12, -0.00
T 20" & Larger	+0.19, -0.00
L 4" & Smaller	±0.06
L 5" to 10"	+0.06, -0.12
L 12" & Larger	+0.12, -0.18
PCD	±0.06
ECCENTRICITY OF PCD w.r.t. BORE = ± 0.03	
ECCENTRICITY OF PCD w.r.t. Facing	
1/2" - 2.1/2" = ±0.03 Max 3" & Larger = ± 0.06 Max	



2024-04591
ABSA
 SAFETY CODES ACT - PROVINCE OF ALBERTA
ACCEPTED: CB16703 52
 See acceptance letter for conditions of registration.
 Date: 2024-08-18 By: *Lili Zhang*
 LILI ZHANG, P. Eng.
 DOP: D00010626

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SECTION A-A

NOTES:

1. SHOWN IS A 4" 300# WELD NECK ORIFICE FLANGE
2. ALL DIMENSIONS IN INCHES
3. REMOVE SHARP CORNERS
4. PAINT SHOULD BE FREE FROM LEAD & MERCURY
5. DESIGN CODE (DC1): ASME B16.5 2020
6. DESIGN CODE (DC2): ASME B16.36 2020
7. OTHER NPT SIZES MAY BE FURNISHED IF REQUIRED (PARA. 12 OF DC2)
8. PRESSURE TEMPERATURE RATINGS AS PER TABLE 2 OF DC1
9. MATERIAL AS PER TABLE 1A OF DC1
10. STAMPED MARKING AS PER SECTION 4 OF DC1
11. TESTING AS PER CUSTOMER REQUIREMENTS
12. BORE DIAM SPECIFIED BY CUSTOMER
13. FLANGE BEVEL AND TAPER AS PER PARA 6.7 OF DC1
14. NUT SLOT AS PER PARA. 10.2 OF DC2

TITLE: 300# Wld. Neck Orifice Flange		SIZE: A	DWG. NO. KDT00100D	REV: 0
PO: N/A	Customer DWG#: N/A		<h1 style="margin: 0;">KISAAN</h1> <h2 style="margin: 0; color: red;">DieTech</h2>	
Part No. KDT00100P	MATERIAL: N/A			
DRAWN: V.A.	NAME: V.A.	DATE: 06/18/2021		
CHECKED:				
MFG APPR.:			SCALE: N/A	SHEET 1 OF 1