

QC F 07

Rev : 00/01/12/2015



SHAKTI

Forge Industries Pvt. Ltd.

CIN No. U29100GJ2015PTC084600

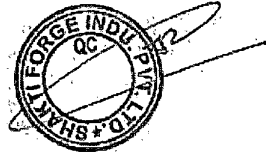

An ISO:9001 Certified

Manufacturer of Pipe Fitting & Flanges

Forgings, Precision Components & Industrial Suppliers

:- TEST CERTIFICATE :-

[In Accordance with EN 10204:2005 (E) Type 3.1]

CERTIFICATE NO.: SFIPL/TC/E/2021/8773						DATE: 19/Dec/21							
CUSTOMER: DODSON GLOBAL INC.						PO. NO.: 298949							
Item Details as follow :-						PROCESS OF MANUFACTURING:- HOT FORGING / MACHINING							
Po. Sr.NO	ITEM DESCRIPTION					Material Specification		Size X Class		Qty	Lot No	HT NO	
013	TEE NPT					SA / A105N		1" 3000#		2275	D110	156301	
MILL TEST PROPERTIES													
Lot NO	HT NO.	C	Mn	SI	S	P	Cr	Ni	Mo	Cu	V	Al	CE
Min		-	0.60	0.10	-	-	-	-	-	-	-	-	-
Max		0.350	1.050	0.350	0.040	0.035	0.300	0.400	0.120	0.400	0.080	-	0.470
D110	156301	0.220	1.000	0.280	0.018	0.021	0.003	0.001	0.001	0.001	0.001	0.050	0.387
CHEMICAL PROPERTIES (TEST METHOD AS PER ASTM E-415)													
Lot NO	HT NO.	C	Mn	SI	S	P	Cr	Ni	Mo	Cu	V	Al	CE
Min		-	0.60	0.10	-	-	-	-	-	-	-	-	-
Max		0.350	1.050	0.350	0.040	0.035	0.300	0.400	0.120	0.400	0.080	-	0.470
D110	156301	0.131	0.994	0.264	0.028	0.028	0.008	0.003	<0.001	0.008	<0.001	0.053	0.299
MECHANICAL PROPERTIES (TEST METHOD AS PER ASTM A370)													
Lot NO	HT NO.	Yield Strength / (0.2 % Offset method) MPa		Ultimate Tensile Strength Mpa		ELONGATION (%) G.L.=4D		REDUCTION IN AREA %		HARDNESS IN BHN		Heat Treatment	
Min		250.00		485.00		22.00%		30.00%		137		Normalizing at 910°C Soaking Time 01:30 HRS	
Max										187			
D110	156301	317.96		559.97		30.18		52.44		162 - 165			
MARKING DETAILS :- (BRAND, MATERIAL+N, LOT NO, STD, PRESSURE, SIZE, COUNTRY OF ORIGIN)													
MATERIAL STANDARD : ASME Section II Part-A SA105 - 2019 / ASTM A105 - 2018						DIMENSION STANDARD :- ASME B16.11 - 2016							
GALVANIZING STANDARD :- N.A.						THREADING STANDARD :- ASME B1.20.1 - 2013							
Remark :- MATERIAL CONFIRMS TO ASME Section II Part-A SA105 - 2019 / ASTM A105 - 2018													
We hereby certify that the fitting was manufactured, sampled, tested and inspected in the specification and was found to meet the requirements													
For, Shakti Forge Industries Pvt. Ltd.				For, Shakti Forge Industries Pvt. Ltd.				For Client / Third Party Insp. Agency					
													
(Inspected By)				(Approved By)				(Auth. Signature & Stamp)					

© +91 75678 74909 | ✉ : marketing@sfipl.in | 🌐 : www.sfipl.in

Reg. / Corp. Office & Factory :

Plot No. G-1068, Nr. FM-PBW Bearing, Kishan Gate Road, GIDC Lodhika, Kalawad Road, Metoda - 360021, Dist. Rajkot, Gujarat, INDIA. Tel. : 02827-286262

