



**CHANDAN STEEL LIMITED**  
(GOVT. OF INDIA RECOGNISED EXPORT HOUSE)  
ISO 9001 : 2015 CERTIFICATE No. 04 100 011022

ADM. OFFICE: 504, SUKH SAGAR, N. S. PATKAR MARG,  
MUMBAI 400 007, INDIA  
Tel.: 91-22-66290600. Fax: 91-22-66290633/34  
Website : www.chandansteel.net  
Email : [csil@chandansteel.net](mailto:csil@chandansteel.net)  
L/c. No. : —  
L/c. Date: —

WORKS: Plot No. 35, Survey No.102/2 & 3 G. I. D. C., Umbergaon,  
Village : Debari, Tal- Umbergaon.  
Dist Valad, Gujarat - 396 171, INDIA.  
Tel.: 91-260-256 2066 / 4367 / 1166. Fax: 91-260-256 2287  
E-mail : [exports@chandansteel.net](mailto:exports@chandansteel.net)

INSPECTION CERTIFICATE 3.1  
ACCORDING TO EN 10204

ALLIED STAINLESS GROUP 7200 Mykawa Road Houston, Texas 77033 Phone: 800-969-5565	Test Certificate No.	: EXP/01500-02/19-20
	Date of Issue	: 11.02.2020
	P. O. No.	: PC6390
	Invoice No. & Date	: EXP/01500/19-20 Dtd.11.02.2020

ITEM DESCRIPTION  
STAINLESS STEEL FORGED & FULLY MACHINED FLANGES

Sr.No.	PRODUCT CODE	Heat No.	Pcs	Box No.	Wt.Kgs	Grade	Item	Process Route
75	6L1WRS1	CH-11526	121	209	127.05	F316/316L	1" WNRF 150LBS 40S	Electric Induction Melting, A.O.D. Refining, Continuous Casting & Hot Forging
98	6L1BR.75	CH-11528	75	209	48.00	F316/316L	3/4" BLRF 150 LBS	
114	6L3WRS3	CH-12002	110	243	790.90	F316/316L	3" WNRF 300LBS 40S	
71	6L1WFS4	CH-12002	32	247	238.72	F316/316L	4" WNRF 150LBS 40S	
101	6L1L6	CH-12002	48	247	372.96	F316/316L	6" LJFF 150 LBS	

CHEMICAL COMPOSITION (Weight %)

Sr.No.	PRODUCT CODE	C	Si	Mn	P	S	Cr	Mo	NI	Cu	Ti	N	OTHERS
75	6L1WRS1	0.023	0.55	1.90	0.040	0.004	16.80	2.09	10.08	-	-	0.068	-
98	6L1BR.75	0.024	0.50	1.79	0.041	0.002	16.62	2.02	10.02	-	-	0.068	-
114	6L3WRS3	0.022	0.45	1.71	0.038	0.020	16.58	2.01	10.06	-	-	0.060	-
71	6L1WFS4	0.022	0.45	1.71	0.038	0.020	16.58	2.01	10.06	-	-	0.060	-
101	6L1L6	0.022	0.45	1.71	0.038	0.020	16.58	2.01	10.06	-	-	0.060	-

MECHANICAL PROPERTIES

Sr.No.	PRODUCT CODE	0.2% Yield Strength N/mm <sup>2</sup> (R <sub>0.2</sub> )	Tensile Strength N/mm <sup>2</sup> (R <sub>m</sub> )	Elongation %	Reduction of Area %	Hardness ( B. H. N. )
75	6L1WRS1	299	587	57	71	161-165
98	6L1BR.75	282	592	57	73	163-167
114	6L3WRS3	295	594	57	72	161-165
71	6L1WFS4	295	594	57	72	161-165
101	6L1L6	295	594	57	72	161-165

Remarks:

- The material is solution annealed at minimum 1050°C and water quenched.
- Material is free from mercury and radio-active contamination and is found within the limits of the background radiation.
- PMI test 100% satisfactory.
- Inter-Granular Corrosion Test as per ASTM A - 262 - 15 (Pr.E) satisfactory.
- The material conforms to ASTM A 182 - 19, ASME SA 182 - 19 & Dimension conforms to ASME B16.5-17 Specification.
- Visual and Dimensions inspection done and found satisfactory.
- The material hardness conforms to NACE MR0175/ISO 15156-3:2015 & NACE MR0103-2015.
- The steel making is by Chandan Steel Limited, India.
- Country of Melt - INDIA.

We hereby certify that, the material described herein and supplied are in compliance with the requirement

Stock 472511 10/14/2241  
  
**SSFLANGE 3/4IN 150# 316 SS BLIND  
 FLANGE IMPORT**



*V. Narayan*  
**V.Y. NARAYAN**  
 SR. MANAGER Q. A.