

MILL TEST REPORT

Cust# HARSPR Company: HARRY COOPER SUPPLY CO
 MTR# CDFL/CDFL00164-3.pdf PO# P1358170 SO# LJUHKS
 Item: F14LB030 Bundle: CH-17484 Heatno: CH-17484

TA CHEN INTERNATIONAL, INC.
 www.taichen.com

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CDFL00164-3




CHANDAN STEEL LIMITED
 (GOVT. OF INDIA RECOGNISED EXPORT HOUSE)


ISO 9001:2015 CERTIFICATE No. 91 100 01022

ADM. OFFICE: 504, SUKH SAGAR, N S. PATKAR MARG,
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 I/c. No. : ---
 I/c. Date: ---

WORKS: Plot No. 35, Survey No.102/2 & 3 G. I. D. C., Umbergaon
 Village: Deheri, Tal. Umbergaon
 Dist. Valsad, Gujarat - 394 171, INDIA.
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INSPECTION CERTIFICATE 3.1
 ACCORDING TO EN 10204

TA CHEN INTERNATIONAL, INC. 5855 OBISPO AVE. LONG BEACH, CA 90805 TOLL FREE: (800)364-8389								Test Certificate No. : EXP/22-23/00558 -03 Date of Issue : 18.08.2022 P.O. No. : LAS540-STOCK Invoice No. & Date : EXP/22-23/00558 Dtd.18.08.2022					
ITEM DESCRIPTION													
STAINLESS STEEL FORGED & FULLY MACHINED FLANGES													
Po Sr.No.	Part Code	Heat No.	Pcs	Box No.	Wt.Kgs	Grade	Item	Process Route					
36	F34LS120	CH-17501	5	4	255.78	F304/304L	12" SORF 300 LBS	Electric Induction Melting, A.O.D. Refining Continuous Casting & Hot Forging.					
1	F14L1W080	CH-17501	6	5	101.33	F304/304L	8" WNRF 150 LBS 10S						
7	F14LB030	CH-17484	66	5	343.11	F304/304L	3" BLRF 150 LBS						
12	F14LFS040	CH-17164	15	5	84.89	F304/304L	4" SOFF 150 LBS						
34	F34L4W020	CH-17487	44	5	158.67	F304/304L	2" WNRF 300 LBS 40S						
CHEMICAL COMPOSITION (Weight %)													
Po Sr.No.	Part Code	C	Si	Mn	P	S	Cr	Mo	Ni	Cu	Ti	N	OTHERS
36	F34LS120	0.026	0.47	1.69	0.038	0.005	18.28	-	8.01	-	-	0.076	-
1	F14L1W080	0.026	0.47	1.69	0.038	0.005	18.28	-	8.01	-	-	0.076	-
7	F14LB030	0.023	0.43	1.63	0.036	0.003	18.17	-	8.06	-	-	0.076	-
12	F14LFS040	0.021	0.41	1.66	0.036	0.006	18.08	-	8.10	-	-	0.063	-
34	F34L4W020	0.020	0.44	1.70	0.038	0.008	18.36	-	8.01	-	-	0.078	-
MECHANICAL PROPERTIES													
Po Sr.No.	Part Code	0.2% Yield Strength N/mm ² (R _{pe})			Tensile Strength N/mm ² (R _m)		Elongation %	Reduction of Area %	Hardness (H. B. W.)				
36	F34LS120	269			565		55	71	162-166				
1	F14L1W080	269			565		55	71	162-166				
7	F14LB030	263			563		56	72	160-163				
12	F14LFS040	273			580		53	71	163-167				
34	F34L4W020	256			559		57	72	158-162				
Remarks:													
1. The material is solution annealed at minimum 1050 °C and water quenched.													
2. Material is free from mercury and radio-active contamination and is found within the limits of the background radiation.													
3. PMI test 100% satisfactory.													
4. Inter-Granular Corrosion Test as per ASTM A262-15(2021) (Pr.E):- Satisfactory.													
5. The material conforms to ASTM A 182 - 20, ASME SA 182 - 21 & Dimension conforms to ASME B16.5 - 20 Specification.													
6. Visual and Dimensions inspection done and found satisfactory.													
7. The material hardness conforms to NACE MR0175/ISO 15156-3:2015 & NACE MR0103-2015.													
8. Marking Details - MATERIAL SPECIFICATION, SIZE, GRADE, HEAT NO., CHANDAN													
9. The material is manufactured /melt in Chandan Steel Mill and is of Indian Origin.													
10. Country of Melt - INDIA.													
We hereby certify that, the material described herein, and supplied are in compliance with the requirements of the order.													
 V.Y. NARAYANAN SR. MANAGER Q. A.													

Stock 4725044 12/05/2022

 SSFLANGE 3IN 150# 304 SS BLIND
 FLANGE IMPORT