

MILL TEST REPORT

TA CHEN INTERNATIONAL, INC.

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 Item: F14LB030 Bundle: Heatno: HLACO Custitem:

ENFL1710015068



E N CORPORATION

Lot 2, 4 & 6, Block 16, Phase IV, Cavite Export Processing Zone
 Authority, PEZA, Rosario, Cavite, Philippines 4106
 TEL : (+63) 46-437-1022~25 FAX : (+63) 46-437-1018, 21

MILL TEST REPORT

PURCHASER : TA CHEN INTERNATIONAL, INC.	DATE : 2017/10/13
	P. O. NO.: L62284-S
	S/C NO.: Q369TC

PRODUCT : STAINLESS STEEL FORGED FLANGE RF			
HEAT NO.	QTY.	DESIGNATION	SPECIFICATION
HLACO	20	304L/304 3" BL 150LB	ASME B16.5-2013/MSS SP25-2013

CHEMICAL ANALYSIS OF MATERIAL

HEAT NO.	C	Mn	Si	P	S	Cr	Ni	Mo	N	SPECIFICATION
Maxi	0.030	2.00	1.00	0.045	0.030	18.0 - 20.0	8.0 - 11.0		0.100	ASTM A/SA182-2015
HLACO	0.020	1.57	0.35	0.029	0.029	18.15	8.05		0.080	

MECHANICAL CHARACTERISTICS

HEAT NO.	T.S-PSI	Y.S-PSI	%-E.L.	%-R.A.	HEAT-TREAT.	HARDNESS	DIMENSION	P.M.L.
Mini	75,000	30,000	30	50	1040 - 1150 °C	≤90.0 HRB		
HLACO	83,400	44,200	58	67	1060 °C	82.0 HRB	OK	OK

MATERIAL RESISTANT TO INTERCRYSTALLINE CORROSION ICC TEST ACCORDING TO ASTM A262-10 PRACTICE E. MATERIAL IS MANUFACTURED MERCURY FREE AND FREE FROM MERCURY CONTAMINATION AND RADIO ACTIVITY. MATERIAL IS IN ACCORDANCE WITH NACE MR0175-SECOND EDITION, MR0103-2007, ISO 15156-2009 COMPLIANT, ISO 9001:2008, PED 97/23/EC CERTIFIED, EN10204 2005-3.1
 MATERIAL RECEIVED SOLUTION TREAT & WATER QUENCHED AT 1060 DEGREE C. MATERIAL WAS MANUFACTURED, SAMPLED, TESTED AND INSPECTED IN ACCORDANCE WITH ASTM A182-2015 AND ASTM A981-08A AND HAS BEEN FOUND TO MEET REQUIREMENTS. MATERIALS ARE FREE OF WELD REPAIR

Pb CONTENT: < 0.010%
 COUNTRY OF ORIGIN: PHILIPPINES
 COUNTRY OF MELT: PHILIPPINES

Stock 4725044 07/13/2019

 SSFLANGE 3IN 150# 304 SS BLIND
 FLANGE IMPORT

FACTORY INSPECTOR:

 DAVID WANG
 QUALITY ASSURANCE DEPARTMENT