

MILL TEST REPORT

TA CHEN INTERNATIONAL, INC.

This MTR contains: 1 pages (Page: 1)

Customer#: HARSPPR MTR#: ENFL/ENFL1901024005.pdf PO#: P1312534 SO#: LBTUQ5
 Item: F14LS01D Bundle: Heatno: IL610 Custitem:

ENFL1901024005



EN CORPORATION

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INSPECTION CERTIFICATE		EN10204 3.1
CERTIFICATE NO.: N-1901024-005	DATE :	2019/01/19
PURCHASER: TA CHEN INTERNATIONAL, INC.	P. O. NO.:	L79601-S
	S/C NO.:	S317TC

PRODUCT : STAINLESS STEEL FORGED FLANGE RF

HEAT NO.	QTY.	DESIGNATION	SPECIFICATION
IL610	135	304L/304 1-1/2" SO 150LB	ASME B16.5-2017/MSS SP25-2018

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/SA182-2018
IL610	0.016	1.32	0.41	0.039	0.004	18.41	8.06		0.070	

MECHANICAL CHARACTERISTICS

HEAT NO.	T.S-PSI	Y.S-PSI	%-E.L.	%-R.A.	HEAT-TREAT.	HARDNESS	DIMENSION	P.M.I.
Mini	75,000	30,000	30	50	1040 - 1150 °C	≤90.0 HRB		
IL610	82,700	35,500	65	81	1060 °C	77.0 HRB	OK	OK

MATERIAL RESISTANT TO INTERGRANULAR CORROSION IGC TEST ACCORDING TO ASTM A262-15 PRACTICE E. MATERIAL IS MANUFACTURED MERCURY FREE AND FREE FROM MERCURY CONTAMINATION AND RADIO ACTIVITY. MATERIAL IS IN ACCORDANCE WITH NACE MR0175-2015 SECOND EDITION, ISO 15156-2015, NACE MR0103-2015, ISO 9001:2015 COMPLIANT. PED 2014/68/EC (ANNEX I PARAGRAPH 4.3) CERTIFIED. PRODUCTS WERE MANUFACTURED, SAMPLED, TESTED AND INSPECTED IN ACCORDANCE WITH ASTM A182-2018 AND HAVE BEEN FOUND TO MEET THE REQUIREMENTS. MATERIALS ARE FREE OF WELD REPAIR

Pb CONTENT. < 0.010%

COUNTRY OF ORIGIN: PHILIPPINES

F14LS01D

Stock 4725021 07/13/2019
 SSFLANGE 1-1/2IN 150# 304 SS RF
 SLIP ON FLANGE

ARNEL ROJAS
 QUALITY ASSURANCE MANAGER

SM-005-0