

Ord# 351045-1; PO# 80; Ht# CL8LF; 2 150# 316/L RF WN S40 FLANGE



101696

ENLIN STEEL (PHILS.) CORP

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MILL TEST REPORT

PURCHASER : GLOBAL STAINLESS SUPPLY, INC.

DATE : 2012/08/25

P. O. NO.: 9454

S/C NO. : L056GS

PRODUCT : STAINLESS STEEL FORGED FLANGE RF

HEAT NO.	Q'TY.	DESIGNATION	SPECIFICATION
CL8LF	300	316L/316 2" W/N S-40 150LB	ANSI B16.5-2009

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	16.0 - 18.0	10.0 - 14.0	2.0 - 3.0	0.100	ASME SA 182
CL8LF	0.013	1.38	0.40	0.041	0.005	16.54	10.11	2.05	0.060	ASTM A182-10

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	≤181 HBW		
CL8LF	83,300	40,600	55	60	1060 °C	152 HBW	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 MRO 175-FIRST EDITION, MRO 103-2007, ISO 15156-2009 COMPLIANT. ISO 9001:2008, PED 97/23/EC CERTIFIED. EN10204-3.1
 MATERIAL RECEIVED SOLUTION TREAT & WATER QUENCHED AT 1060 DEGREE C. MATERIAL WAS MANUFACTURED, SAMPLED, TEST AND INSPECTED IN ACCORDANCE WITH ASTM A182-10 AND ASTM A961-08A AND HAS BEEN FOUND TO MEET THE REQUIREMENTS. MATERIALS ARE FREE OF WELD REPAIR

COUNTRY OF ORIGIN: PHILIPPINES

FACTORY INSPECTOR:


 DAVID WANG

QUALITY ASSURANCE DEPARTMENT