



EN CORPORATION

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INSPECTION CERTIFICATE		EN10204 3.1
CERTIFICATE NO.: N-2106021-026	DATE :	2021/06/24
PURCHASER:	P. O. NO.:	
	S/C NO.:	V017DG

PRODUCT : CARBON STEEL FORGED FITTING			
HEAT NO.	Q'TY.	DESIGNATION	SPECIFICATION
LF516	285	2" X 1-1/2" NPT R/CO 3000LB	ASME B16.11-2016/MSS SP25-2018

CHEMICAL ANALYSIS OF MATERIAL

HEAT NO.	C	Mn	Si	P	S	Cr	Ni	Mo	V	SPECIFICATION
Maxi	0.35	1.05	0.35	0.035	0.040	0.30	0.40	0.12	0.08	ASTM A105-18
LF516	0.20	0.85	0.25	0.017	0.004	0.04	0.01	0.00	0.004	ASME SA105-18

MECHANICAL CHARACTERISTICS

HEAT NO.	T.S. (MPA)	Y.S. (MPA)	%-E.L.	%-R.A.	HEAT-TREAT.	HARDNESS	DIMENSION	P.M.I.
Mini	485	250	22	30	°C	≤197 HBW		
LF516	490	300	35	66	°C	127-130 HBW	OK	OK

Pb CONTENT: < 0.010%

C E: 0.35
Cu: 0.01

MATERIAL IS IN ACCORDANCE WITH NACE MR0175-2015, ISO 15156-2015, NACE MR0103-2015/ISO 17945:2015, ISO 9001; 2015 COMPLIANT. PED 2014/68/EC (ANNEX I PARAGRAPH 4.3) CERTIFIED. PRODUCTS WERE MANUFACTURED, SAMPLED, TESTED AND INSPECTED IN ACCORDANCE WITH A105-2018 AND HAVE BEEN FOUND TO MEET THE REQUIREMENTS.

ALL MATERIAL SUPPLIED IS CERTIFIED TO BE FREE OF MERCURY CONTAMINATION AND NO MERCURY BEARING EQUIPMENT WAS USED DURING MANUFACTURING.

COUNTRY OF ORIGIN: PHILIPPINES


ARNEL ROJAS

QUALITY ASSURANCE MANAGER