



EN CORPORATION

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INSPECTION CERTIFICATE

EN10204 3.1

CERTIFICATE NO.: N-2103013-014

DATE : 2021/03/16

P. O. NO.: 271406-00

S/C NO. : U143DG

PRODUCT : CARBON STEEL FORGED FITTING

HEAT NO.	Q'TY.	DESIGNATION	SPECIFICATION
LF125	2,000	1-1/2" NPT COUPLING 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
LF125	0.23	0.92	0.27	0.014	0.002	0.04	0.01	0.0090	0.003	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		
LF125	510	320	35	70	°C	34-137 HBW	OK	OK

Pb CONTENT: < 0.010%

C E: 0.40
 Cu: 0.02

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