

CERTIFICATE OF INSPECTION & TEST

(EN 10204 3.1)



ORIGINAL



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CARBON STEEL FITTINGS MADE FROM SEAMLESS PIPE

Date: **AUG.14.2015**

Customer : PLESA ANAHUAC Y CIAS.,S.A.DE C.V.			Contract No : 21139 (AMOUNT : USD53,381.13)										Certificate No : MJW9032							
Spec. for Material			Spec. for Inspection										Surface & Dimension			N.D.E		Heat Treatment		
ASTM A234-14/ASME SA234-13 WPB NACE MR0175 / ISO 15156-2009			ASME B16.9 - 2012										GOOD			N/A		NORMALIZED (900 °C X 0.5HR)		
ITEM	STAMP NO.	CHEMICAL COMPOSITION (%)											Tensile Test				Hardness Test(HB)	Hydrostatic Test	C.E	
		C	Si	Mn	P	S	Cr	Mo	Ni	Cu	V	Nb	Y-P MPA	T-S MPA	EL (%)	RA (%)				
SIZE	Q'TY	MIN		0.10	0.29									240	415	30				
		MAX	0.30		1.06	0.05	0.058	0.40	0.15	0.40	0.40	0.08						197		
ECC RED STD			0.222	0.324	0.475	0.008	0.01	0.018	0.025	0.038	0.026	0.003		265	460	35		<197		0.31
10" X 4"	20	WAAFR																		
ECC RED STD			0.222	0.324	0.475	0.008	0.01	0.018	0.025	0.038	0.026	0.003		265	460	35		<197		0.31
10" X 6"	20	WAAFR																		
ECC RED STD			0.222	0.324	0.475	0.008	0.01	0.018	0.025	0.038	0.026	0.003		265	460	35		<197		0.31
10" X 8"	20	WAAFR																		
ECC RED STD			0.24	0.32	0.46	0.012	0.007	0.02	0.007	0.01	0.008	0.004		265	470	38		<197		0.32
12" X 8"	20	WAAEN																		
			BLANK																	

We hereby certify that the material herein has been made and tested in accordance with the above specification and also with the requirements called for by the above order.

EXPORT COUNTRY - BUSAN, KOREA
 COUNTRY OF ORIGIN - KOREA
 TOTAL WEIGHT : 31,995 KGS

Reviewed by
 Witnessed by



C.E. = C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15