

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		MT : GOOD		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		
TEE SCH80			0.19	0.21	0.43	0.009	0.006	0.014	0.008	0.01	0.008	0.002		270	480	34		<197		0.27
4"	30	GBABZ																		
TEE SCH80			0.19	0.17	0.43	0.009	0.005	0.011	0.014	0.008	0.002	0.002		270	480	35		<197		0.27
10"	10	WBAFD																		
TEE SCH80			0.21	0.26	0.46	0.019	0.015	0.05	0.04	0.02	0.02	0.009		260	465	31		<197		0.31
12"	10	WAABV																		
TEE SCH80			0.19	0.23	0.41	0.009	0.006	0.014	0.006	0.007	0.011	0.002		280	470	37		<197		0.26
16"	4	WBAFE																		
			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

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

