

CERTIFICATE OF INSPECTION & TEST (EN 10204 3.1)

ST ST&H CORPORATION
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Certificate No. MJW9145B-02/06 Date : MAR. 08. 2016
 Customer PLESA ANAHUAC Y CIAS., S.A. DE C.V
 Contract No. 22014
 Spec. For Material ASTM/ASME A/SA234-14 WPB,NACE MR0175 / ISO15156-2009
 Heat Treatment NORMALIZED (900°C X 0.5HR)

Certified to ISO9001:2008, ISO14001:2004,PED97/23/EC by LRQA

Dimensional inspection ASME B16.9 - 2012

ITEM / SIZE	Q'ty	Heat No./ Batch No.	Size of Test Specimen		Tension Test				Hardness Test (HB)	Charpy Impact Test (10X10mm Specimen Size)				
			D mm	GL mm	Max	Y.S MPa	T.S MPa	E.L %		R.A %	197	Indiv.	Ave.	Notch
			12.5	50.0					Min					
GEQTSTD8 TEE STD 8"	31	GBAAD	12.5	50.0		265	470	34	110	129				
GEQTS4024 TEE SCH40 24" BLANK	2	WAAJP BLANK	12.5	50.0		260	485	36	120	129				
								BLANK		BLANK				

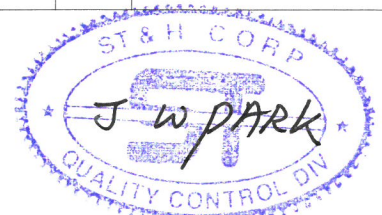
Heat No./ Batch No.	Max Min	Chemical Composition (%)										NDE							
		C	SI	Mn	P	S	Cr	Mo	Ni	Cu	V			CE	UT	MT	PT		
		0.300	0.100	1.060	0.050	0.058	0.400	0.150	0.400	0.400	0.080					0.430			
GBAAD		0.200	0.180	0.340	0.008	0.008	0.032	0.014	0.032	0.042	0.003				0.271		GOOD		
WAAJP		0.210	0.183	0.460	0.011	0.008	0.034	0.008	0.009	0.011	0.002			0.296		GOOD			
										BLANK									

REMARK * CARBON STEEL FITTINGS MADE FROM PIPE
 * EXPORT COUNTRY - BUSAN, KOREA
 * COUNTRY OF ORIGIN - KOREA
 * TOTAL WEIGHT : 18,360 KGS

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.

Handwritten signature of H. J. LEE

Witnessed by / H. J. LEE



Manager of Q.A Dept. / J. W. PARK