

CERTIFICATE OF INSPECTION & TEST (EN 10204 3.1)



ST&H CORPORATION

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Certificate No. MES9031 Date : JUL. 06. 2015
 Customer PLESA ANAHUAC Y CIAS., S.A. DE C.V.
 Contract No. 21136
 Spec. For Material ASTM A105N-14/ASME SA105N-13/NACE MR0175/ISO 15156-2009
 Heat Treatment 910°C NORMALIZED & A.C

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

Dimensional inspection ASME B16.5 - 2013

ITEM / SIZE	Q'ty	Heat No./ Batch No.	Size of Test Specimen		Tension Test				Hardness Test (HB)		Charpy Impact Test (10X10mm Specimen Size)			
			D	GL	Y.S MPa	T.S MPa	E.L %	R.A %	187	Indiv.	Ave.	Notch	Temp.	
			mm	mm										
BA600BR12	5	B3497	12.5	50.0	355	520	36	70.5	147	150	Test Result (J)			Ave.(J)
BA600WR8024	3	B0182	12.5	50.0	290	515	35	68.5	139	147	Test Result (J)			Ave.(J)
		BLANK									Test Result (J)			Ave.(J)

Heat No./ Batch No.	Max Min	Chemical Composition (%)											NDE									
		C	Si	Mn	P	S	Ni	Cr	Mo	Cu	V				CE	UT	MT	PT				
B3497		0.191	0.232	0.937	0.019	0.005	0.007	0.116	0.010	0.003	0.005								0.374			
B0182		0.194	0.239	0.988	0.010	0.004	0.024	0.037	0.011	0.020	0.003								0.371			

REMARK

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.

Witnessed by / H. J. LEE



Manager of Q.A Dept. / E. S. PARK