

CERTIFICATE OF INSPECTION & TEST (EN 10204 3.1)

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Certificate No. MJM9473B-01/02 Date : NOV. 29. 2016
 Customer PLESA ANAHUAC Y CIAS., S.A. DE C.V
 Contract No. 24494-2ND
 Spec. For Material ASTM A105N-14,ASME SA105N-15,NACE MR0175/ISO15156-1:2015
 Heat Treatment 930°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	Max	Y.S MPa	T.S MPa	E.L %	R.A %	187	Indiv.	Ave.	Notch	Temp.		
			mm	mm											Min	250
BA600WR8010	600LBS WN RF S80 10"	10	B6320	12.5	50.0		390	545	36	67	142	146				
BA600WR8012	600LBS WN RF S80 12"	10	B6320	12.5	50.0		390	545	36	67	142	146				
BA150WR8010	150LBS WN RF S80 10"	20	B6377	12.5	50.0		380	545	36	67.5	142	144				
BA150WR804	150LBS WN RF S80 4"	100	B6377	12.5	50.0		380	545	36	67.5	142	144				
BA150WRSTD4	150LBS WN RF STD 4"	200	B6377	12.5	50.0		380	545	36	67.5	142	144				
BA150WRSTD5	150LBS WN RF STD 5"	50	B6377	12.5	50.0		380	545	36	67.5	142	144				
BA300WRSTD3	300LBS WN RF STD 3"	30	B6377	12.5	50.0		380	545	36	67.5	142	144				
BA300WRSTD4	300LBS WN RF STD 4"	30	B6377	12.5	50.0		380	545	36	67.5	142	144				
	BLANK		BLANK													

Heat No./ Batch No.	Max Min	Chemical Composition (%)														NDE									
		C	Si	Mn	P	S	Ni	Cr	Mo	Cu	V							CE	UT	MT	PT				
		0.350	0.350 0.100	1.050 0.600	0.035	0.040	0.400	0.300	0.120	0.400	0.080														
B6320	H	0.195	0.219	0.872	0.017	0.008	0.009	0.025	0.006	0.017	0.001											0.348			
	P	0.186	0.216	0.873	0.017	0.009	0.009	0.025	0.004	0.016	0.001											0.339			
	H	0.186	0.245	0.912	0.018	0.010	0.005	0.009	0.002	0.007	0.001											0.341			
B6377	P	0.185	0.240	0.915	0.018	0.010	0.005	0.007	0.002	0.007	0.001											0.340			

REMARK * H : Heat Analysis P : Product Analysis

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. / J. M. KIM