



CERTIFICATE OF INSPECTION & TEST

ORIGINAL



ST&H CORPORATION

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(EN 10204 3.1)

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

Certified API Spec Q1 and API Spec 6A (Licence No : 6A-1284)



R65 036209 / 01

Customer : PLESA ANAHUAC Y CIAS.,S.A DE C.V.				Contract No. : 17225				Report No : MJW8458				Date: JAN.02.2014			
Spec. For Material : ASTM/ASME A/SA105N-11(NACE MR0175/ISO 15156-2009)												Heat Treatment			
Chemical Composition (%)		C	Si	Mn	P	S	Ni	Cr	Mo	Cu	V	910°C NORMALIZED & A.C			
Heat No./Batch no.	MAX	0.350	0.350	1.050	0.035	0.040	0.400	0.300	0.120	0.400	0.080				
	MIN		0.100	0.600											
12622J		0.207	0.273	0.880	0.014	0.002	0.012	0.023	0.004	0.016	0.002	Dimensional Inspection			
Tension Test						Charpy Impact Test (10x10 mm Specimen Size)				Hardness Test (HB)	Bending Test 90:120(180°)	ANSI B16.5 - 2009 GOOD			
Size of Specimen(mm)		Yield Strength MPa	Tensile Strength MPa	Elongation %	Red of Area %	Individual		Average	Notch Type						
Dia	Gage Length					min	min	Temp							
12.5	50	MAX				Test Result				187					
		MIN	250.000	485.000	22.000	30.000	①	②	③	Average					
12.5	50		301.000	559.000	27.000	50.000					149, 154	Ultrasonic Examination			
ITEM / SIZE		Q'TY	ITEM / SIZE		Q'TY	ITEM / SIZE		Q'TY	Ultrasonic Examination						
150LBS BLRF 10"		50	150LBS SORF 2"		100	BLANK			N/A						
300LBS WNRF STD 6"		50	BLANK			BLANK			Magnetic Particle Examination						
300LBS WNRF S80 6"		20	BLANK			BLANK			N/A						
150LBS THRF 4"		50	BLANK			BLANK			Remarks :						
150LBS WNRF S80 3"		50	BLANK			BLANK			**CE = 0.36 (LONG FORMULAR)						

NOTE :
 1MPa = 145.037 psi
 1MPa = 0.145037 ksi
 1psi = 0.006895 MPa
 1ksi = 6.89476 MPa

W.C:Water Cool O.C.Oil Cool
 A.C:Air Cool N.A:Non Action
 N:Normalized A:Annealed
 Q.T:Quenched and Tempered
 N.T:Normalized and Tempered

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 QA Dept. / W. PARK

