

# 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)



Customer : PLESA ANAHUAC Y CIAS..S.A DE C.V.				Contract No. : 15982				Report No : MSH8188				Date: SEP.09.2013				
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												
T1062K		0.209	0.253	0.890	0.017	0.008	0.031	0.120	0.002	0.019	0.002	Dimensional Inspection				
Tension Test						Charpy Impact Test (10x10 mm Specimen Size)										
Size of Specimen(mm)		Yield Strength MPa	Tensile Strength MPa	Elongation %	Red of Area %	Individual		Average		Notch Type	Hardness Test (HB)	Bending Test 90:120(180°)	ANSI B16.5 - 2009  GOOD			
Dia	Gage Length					min	min	Test Result								
12.5	50	MAX								187						
		MIN	250.000	485.000	22.000	30.000	①	②	③	Average						
12.5	50		313.000	534.000	37.000	61.000					143, 144	Ultrasonic Examination				
ITEM / SIZE		Q'TY	ITEM / SIZE		Q'TY	ITEM / SIZE		Q'TY								
300LBS WNRF S80 8"		10	BLANK			BLANK			Remarks : **CE = 0.39 (LONG FORMULAR)							
BLANK																

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.

*[Signature]*



Witnessed by / H. J. LEE      Manager of Q.A Dept. / S. H. LEE