

# CERTIFICATE OF INSPECTION & TEST

**ORIGINAL**



**ST&H CORPORATION**  
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(EN 10204 3.1)

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

Report No : MYM6979

Date: FEB.20.2012

Customer : PLESA ANAHUAC Y CIAS, SA DE CV AV.										Contract No. : 11890			Heat Treatment				
Spec. For Material : ASTM/ASME A/SA105-05(NACE MR-0175)																	
Chemical Composition (%)		C	Si	Mn	P	S	Ni	Cr	Mo	Cu	V	Nb	AS FORGED				
Heat 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													
Y3176		0.200	0.220	1.000	0.013	0.007	0.009	0.015	0.003	0.006	0.005						
Dimensional Inspection																	
ANSI B16.5-2009																	
GOOD																	
Ultrasonic Examination																	
N/A																	
Magnetic Particle Examination																	
N/A																	
Remarks :																	
**CE = 0.37 (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/ K. S. KIM

Manage of Q.A Dept/ Y. M. CHOI