

REN-6213
00-4585



Material Test Report

Heat Code: RIH



6A-0077

An Ameri-Forge Group Company
13770 Industrial Road
Houston, TX 77016

ISO 9001:2000 Certified

VACOISA, SA DE CV.	PO: 12264	Sales Order: 48407	Sales Ord Line: 12
AV. CANAL DE TEZONTLE #36 COL. LEYES DE REFORMA MEXICO, D. CP 09310	Part Desc: FLG 06 00 0600 WN RF XII / A 105 NRM COFFR	Part No: 0601600102-0021F	Qty Shipped: 36
	Vendor: SMI	Vendor Heat Code: 237014	
Spec: ASTM A 105/A 105M-03/ASME SA 105/SA 105M-04 Normalized			

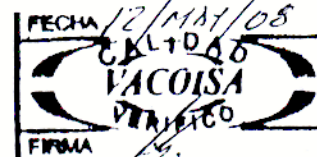
	C	Mn	P	S	SI	Cu	NI	Cr	Mo	V	Cb
Ladle:	0.19	0.85	0.006	0.022	0.22	0.27	0.14	0.08	0.031	0.002	0.001
Product:											
	CuNiCrMo	CrMo									
Ladle:	0.52	0.11									
Product:											

Mechanical Properties	Heat Treatment	Other Results
Test Lab: AFG	Norm Temp (F): 1675	Country of Origin: USA
Test Bar Size: SACRIFICIAL	Norm (Hrs): 40	
BHN: 156-156	Norm Cooling Type: AIR	
Eig (%): 28.0	Norm Locallon: AFG	
RA (%): 48.0		
Tensile Specimen Size: 0.500		
Tensile (ksi): 73.5		
Yield (ksi): 44.9		
Gauge Length: 2.00		

Comments

No Weld repair performed Mercury free

NACE MR0175-99



This report is issued in compliance with the requirements of EN10204 3.1 b / ISO 10474 3.1 b

MTR No 54672
MTR Date 2/25/2005

S. Drozdowski
Stan Drozdowski - AFG Test Lab Manager