



Material Test Report

Heat Code: RFH



6A-0077

An Ameri-Forge Group Company
13770 Industrial Road
Houston, TX 77015

ISO 9001:2000 Certified

Sales. (713) 868-4421 Fax. (713) 455-8366

PLESA ANAHUAC Y CIAS	Part Desc: FLG 12.00 0150 WN RF STD / A105 NHT COFFR		
SA DE CV AV. VALLE DE LAS TULTITLAN, EDO, MEX 54940	Sales Order: 46209	Part No: 0151912101-0020F	
	Order Line: 4	Spec: A105	
PO: 300000012	Qty Shipped: 16	Vendor: SMI-TEXAS	Vendor Heat Code: 236605

	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb
Ladle:	0.21	0.83	0.010	0.010	0.22	0.28	0.07	0.07	0.011	0.001	0.001
Product:											
	C.E.	CuNiCrMo	CrMo								
Ladle:	0.39	0.43	0.08								
Product:											

Mechanical Properties	Heat Treatment	Other Results
Test Lab AFG		Country of Origin USA
BHN 180-180		
Elg (%) 32.0		
RA (%) 55.0		
Test Size (in) 0.498		
Tensile (ksi) 78.9		
Yield (ksi) 43.1		
Gauge Length 2.00		

Comments

No Weld repair performed. Mercury free.
Product compliant with NACE MRO175, latest Ed.

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

MTR No. 45054
MTR Date. 11/12/2004

S. Drozdowski
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