

## **Material Test Report**

Heat Code: BAH

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

ISO 9001:2000 Certified

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

PLESA ANAHUAC Y CIAS SA DE CV AV. VALLE DE LAS

ALAMEDAS 66-0

54940 TULTITLAN, EDO MEX

Sales Order: 65826 Line: 10

Item Code: 0151600101-0020F Qty Shipped: 100 Item Desc: FLG 06.00 0150 WN RF STD A105

NHT COFFR Supplier: CMC Supplier Heat: 3003590

Spec: ASME SA-105/SA-105M 2004 Section II/ASTM A105/A105M-03

PO: 4871

Element (%wt)	Ladie	Product	EPCR	A CA	3#	Element	(%.ud)	Ladia			
Carbon  An Manganese Phosphorous Sulphur Silicon Cu Copper	0.21 0.90 0.011 0.019 0.21 0.28 0.11	Product	,		06-5	Element Cr Chroms Mo Molybo V Vanads Cb Columb C.E. CuNiCrMo CrMo	denum	0.11 0.030 0.001 0.004 0.414 0.53 0.14	Product	EPCRA 7	CAS# 440-47-

Mechanic	al	Other					
Test Lab Test Bar Size HBW Elg (%) RA (%)	AFG SACRIFICIAL PIECE 156-156 29.0 63.0	Country of Origin EF	USA (US) Y				
rensile Specimen Size (in) Tensile (ksi) field (ksi)	0.245 79.4 45.6						
Gauge Length	1.00						

Product compliant with NACE MRO175, latest edition. Product compliant with and meets all requirements of ASTM Al05/ASME SAl05, latest edition.

No Weld repair performed. Chemical Analysis results shown are actual. Forgings are capable of passing hydrostatic test compatible with the appropriate rating. Elongation taken from a round specimen. All material supplied under this order is certified to be free of mercury contamination and no mercury bearing equipment was used in manufacturing, fabrication or testing. Yield strength was determined using the 0.2% offset method.

EPCRA Supplier Notification. This product may contain one or more toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act (Title III of the Superfund Amendments and Reauthorization Act of 1985) and 40 C.F.R. Part 372, Potentially reportable chemicals are indicated with a checkmark in the "EPCRA" column and a Chemical Abstract Services (CAS) registry number is provided for each such chemical in addition to the percent by weight of the chemical present in this product. It is your responsibility atone to determine whether your facility is required to submit a Toxic Release Inventory Report under EPCRA Section 313.

Certification No.:

146159

Certification Date: 7/18/2008

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

Puneet Saggar - Plant Metallurgist