T-104283



Material Test Report

Heat Code: RS-1476

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

Supplier: CHAUDHRY

PO: 6277

Sales Order: 69370

Line: 2

Qty Shipped: 8

Item Desc: FLG 16.00 0600 WN RF 80

Supplier Heat: RS-1476

Spec: ASTM A105/A105M-(05)/ASME SA 105/SA 105M-(08a) Section II Part A - Normalized

Element (%	wt)	Ladle	Product	EPCRA CAS#	Element (%wt)	Ladle Produ	ct EPCRA CAS#
C Carbon		0.22			Ni Nickel	0.03	√ 7440-02-0
Mn Manganese		0.91		✓ 7439-96-5	Cr Chromium	0.04	√ 7440-47-3
P Phosphorou	ıs	0.025			Mo Molybdenum	0.007	
S Sulphur		0.024			V Vanadium	0.003	
Si Silicon		0.290			Cb Columbium	0.001	
Cu Copper		0.06		√ 7440-50-8	C.E.	0.37	

Mechanical Testi	ng	Heat Treat	
Test Lab	CHAUDHRY	Norm. Temp. (F)	1652
Test Bar Size	SACRIFICIAL PIECE	Norm. (Hrs)	3
HBW	146 - 149	Norm. Cooling Type	AIR
Elg (%)	32.2	Norm. Location	CHAUDHRY
RA (%)	61.4		
Tensile Specimen Size (in)	0.498	Other	
Tensile (ksi)	72.2	VD	Y
Yield (ksi)	42.1	EF	Y
Gauge Length	2		
		보고하는 이 과사로 하여 하는데 되고	그 문학의 학교를 끝냈다. 회교회
6.			

Product compliant with NACE MR0175, latest edition and dimensions to ANSI B16.5

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 1986) 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 alone to determine whether your facility is required to submit a Toxic Release Inventory Report under EPCRA Section 313.

Certification No.:

165653

Certification Date:

4/29/2009

Nicholas Tepovich - Metallurgic Lab Manager