Coffer®

Material Test Report

Heat Code: JPA

An Ameri-Forge Group Company 13770 Industrial Rd. Houston, TX 77015 Sales: (713) 868-4421 Fax: (713) 455-8366

Line: 7

1SO 9001:2008 Certified

PLESA ANAHUAC Y CIAS SA DE CV AV. VALLE DE LAS ALAMEDAS 66-0

54940 TULTITLAN, EDO, MEX

 PO: 10589
 Sales Order: 95732

 Item Code: 0152200100-0020F
 Qty S

Qty Shipped: 100

Item Desc: FLG 02.00 0150 SO RF

Supplier: CMC Supplier Heat: 3022511

Spec: ASTM A105/A105M-(10)/ASME SA 105/SA 105M-(08a) Section II Part A

Elen	nent	(%wt)	Ladle	Product	EPCR	A CAS#	Element	(%wt)	Ladle	Product	EPCRA	CAS#
С	Carbon		0.19				Cr Chrom	ium	0.07		√ 7	440-47-3
Mn	Manganes	e	1.01		✓	7439-96-5	Mo Molybo	denum	0.02			
P	Phosphor	ous	0.008				V Vanadi	Lum	0.003			
s	Sulphur		0.014				Cb Columb	oium	0.001			
Si	Silicon		0.22				C.E.		0.40			
Cu	Copper		0.20		✓	7440-50-8	CuNiCrMo		0.383			
Ni	Nickel		0.09		· 🗸	7440-02-0	CrMo		0.093			
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							:					

esting	:	Other	
AFG	MILL		CMC-TEXAS
Sacrificial Piece	MHC		3022511
170 - 170			
33.0			
63.0			
.499			
79.4			
45.3			
2			
	Sacrificial Piece 170 - 170 33.0 63.0 .499 79.4 45.3	Sacrificial Piece MHC 170 - 170 33.0 63.0 .499 79.4 45.3	Sacrificial Piece MHC 170 - 170 33.0 63.0 .499 79.4 45.3

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. No weld repair performed on this product.

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

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.:

209221

Certification Date:

5/26/2011

Nicholas Tepovich - Metallurgic Lab Manager

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