

# AMERI-FORGE CORPORATION

A Subsidiary of Global Industrial Technologies, Inc.

SALES (713) 455-2860

**BUY QUALITY - BUY AMERICAN**

FAX (713) 455-0311

**SOLD TO:**

**FERRETERA ANAHUAC, S.A.  
VALLE DE LAS ALAMEDAS #66  
LETRA-B, FRANCISCO CHILPAN  
TULTITLAN, MEXIC, MX 54940**

**MATERIAL TEST REPORT**

Cert. # 57606	BL # 0
Inv. #	PL # 34515

ITEM	QTY.	DESCRIPTION & CONDITION	Cust. PO#: 96-18
1	48	1 1/4" 150# S/O RF	A105-95B BLACK AS FORGED
		Heat Number: 29023 Mill: SMI HEAT CODE: IJH	
		C: 0.190 Mn: 0.870 P: 0.005 S: 0.020 Si: 0.290 BHN: 152 156	
		Cu: 0.280 Ni: 0.120 Cr: 0.090 Mo: 0.042 Cb: 0.000 V: 0.003	
		CE (C+N) = 0.389 (Cr+Mo) = 0.132 Charpy @ -	
		Tensile: 74,974 Yield: 52,402 Elong%: 26.3 ROA%: 58.7	

**Note:** Chemical Analysis results shown are actual. Elements with less than .02 are hereby reported as "<.02%".  
 Forgings are capable of passing a 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.

**FORGINGS CO. CERTIFIED TO SA-105  
FORGINGS ARE IN COMPLIANCE WITH NACE MRO1-75  
REF: 187 BHN MAX**

ESTAS BRIDAS SE MAQUINARON EN L.J.  
TUBOS CONEXIONES Y TANQUES, S.A. DE C.V.

**IN COMPLIANCE WITH THE "BUY AMERICAN ACT", AMERI-FORGE CORP. CERTIFIES THAT THESE FORGINGS WERE PRODUCED IN HOUSTON, TEXAS AND ALL MATERIAL USED WAS "MADE IN U.S.A." WE FURTHER CERTIFY THAT THIS IS A TRUE COPY OF THE ORIGINAL "MILL TEST REPORT" NOW ON FILE.**

*Kathy Pratt*  
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QUALITY ASSURANCE DEPARTMENT

May 17, 1996

96/18-4