

# 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. # 59261	BL # 0
Inv. #	P/L # 35548

ITEM	QTY.	DESCRIPTION & CONDITION	Cust. PO#: 96-18
1	300	1 1/4" 150# S/O RF	A105-95B BLACK AS FORGED
		Heat Number: 26271 Mill: SMI HEAT CODE: GHI	
		C: 0.200 Mn: 1.100 P: 0.011 S: 0.034 Si: 0.250 BHN: 152 156	
		Cu: 0.240 Ni: 0.100 Cr: 0.100 Mo: 0.031 Cb: 0.000 V: 0.003	
		CE ( <del>C+N</del> ) = 0.433 (Cr+Mo) = 0.131 Charpy @ =	
		Tensile: 90,900 Yield: 56,600 Elong%: 24.0 ROA%: 56.3	

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 MR01-75  
REF: 187 BHN MAX**

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*

QUALITY ASSURANCE DEPARTMENT

July 3, 1996