MATERIAL TEST CERTIFICATE

DATE: January 14, 1998

AMERICAN ENERGY SERVICES
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CUSTOMER

FERRETERA ANAHUAC S.A. DE C.V.
C/O OSCAR FERNANDEX OF TX (FASA)
14215 TRANSPORTATION AVE.
LAREDO, TEXAS USA

AES CONTROL NO.: 3351

CUSTOMER P.O.: 98/004

ITEM NO.: 24

QUANTITY: 2 OF 10

SIZE & DESCRIPTION

2" 600# CS RF GATE VALVE
STANDARD TRIM
DWHEEL OPERATED

AES FIG. NO.: 02GA06RHA11

IDENTIFICATION NOS.

33171, 33173

MATERIAL: ASTM A216 GR WCB

HEAT NO.	CHEMICALS C.	Mn.	P.	S.	Si.	Cu.	Ni.	Cr.	Mo.	V.	PHYSICALS TENSILE KSI	YIELD KSI	%EL	%RA	BHN
C50936	0.20	0.92	0.023	0.023	0.58	0.06	0.06	0.06	0.03	0.003	71	50	29	53	147
C61856	0.24	0.62	0.028	0.023	0.44	0.06	0.05	0.03	0.02	0.005	74	44	28	43	171
C62131	0.24	0.92	0.024	0.021	0.41	0.04	0.04	0.04	0.03	0.005	76	43	25	38	174
C62892	0.21	0.62	0.028	0.020	0.47	0.05	0.06	0.04	0.02	0.002	72	45	31	53	175

PRESSURE TEST API 598 1990

psi						
SHELL	SEAT A		SEAT B		BACK SEAT	
HYDRO	HYDRO	AIR	HYDRO	AIR	HYDRO	AIR
2225		80		80		80

SECONDS						
60		60		60		60

DIMENSIONS CONFORM TO ASME/ANSI B16.34

Our letters are for the exclusive use of the client to whom they are addressed. The use of our name must receive our written approval. Our letters and reports apply only to the sample tested an/or inspected, and are not necessarily indicative of the qualities of apparently identical or similar products. We certify the materials meet the referenced specifications as reported on the material manufacturer's test certificates which are maintained in our files. The information contained in this report is true and correct to the best of my knowledge. This report is issued by the Quality Assurance Department which is independent of the Manufacturing or Processing Department. It conforms to Din Standard 50049-3.1B and to ISO standard 10474-3.1B.

QUALITY ASSURANCE