



ROBINSON TECHNICAL SOUTHEAST, INC.
6205 Boat Rock Blvd.
ATLANTA, GA. 30336
404-699-9900
TOLL FREE 800-445-2152
FAX 404-699-7800

CERTIFICATION

SPECIFICATION - AWS: SFA 5.1	CLASSIFICATION: E 7018	ACTUAL
SIZE: .156 X 10 LB.	SERIAL# 4504	HEAT NO: 504

CHEMICAL ANALYSIS

C	0.061	Si	0.531
Mn	0.990	P	0.007
S	0.010	Cr	0.028
Ni	0.047	Mo	0.000
Cu	0.053	V	0.014

Mechanical Properties of Deposited Metal

Y/P (N/mm ²)	T/S(N/mm ²)	EL%	N.D.E.	I.V(J) at -30 °C
Min. 420	510-610	Min. 24		Min .47

WE CERTIFY THAT THESE CHEMICAL TEST RESULTS ARE CORRECT AND CONFORM TO THE ABOVE AWS SPECIFICATIONS, AS CONTAINED IN THE RECORDS OF THE COMPANY.

CERTIFIED BY: BARRY L. JOHNSON