



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 6013	ACTUAL
SIZE: .093 X 5 LB.	SERIAL No. 2338	HEAT NO: 338

CHEMICAL ANALYSIS

C	0.077	Si	0.339
Mn	0.584	P	0.024
S	0.004	Cr	0.023
Ni	0.050	Mo	0.001
Cu	0.089	V	0.010

Mechanical Properties of Deposited Metal

Y/P (N/mm ²)	T/S(N/mm ²)	EL%	I.V(J) at -30 °C
Min. 420	510-610	min. 22	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