



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: 1/8 X 5 LB TUBE	SERIAL No. 10-3219	HEAT NO: 219

CHEMICAL ANALYSIS

C	0.077	Si	0.433
Mn	0.571	P	0.019
S	0.008	Cr	0.054
Ni	0.050	Mo	0.004
Cu	0.085	V	0.013
Al	0.001	Fe	-

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: _____