



ROBINSON TECHNICAL SOUTHEAST, INC.  
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**CERTIFICATION**

SPECIFICATION - AWS: SFA 5.1	CLASSIFICATION: E 7018	ACTUAL
SIZE: .125	.	HEAT NO: 221

**CHEMICAL ANALYSIS**

C	0.138	Si	0.160
Mn	0.561	P	0.004
S	0.007	Cr	0.036
Ni	0.035	Mo	0.007
Cu	0.080	V	0.009

Mechanical Properties of Deposited Metal

Y/P (N/mm <sup>2</sup> )	T/S(N/mm <sup>2</sup> )	EL%	N.D.E.	I.V(J) at -30 °C
Min. 380	470-540	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