



ROBINSON TECHNICAL SOUTHEAST, INC.  
 6205 Boat Rock Blvd.  
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CERTIFICATION

SPECIFICATION - AWS: A5.18                      CLASSIFICATION: ER120S-1                      ACTUAL

SIZE: .045" X 33 LB                                      LOT/HEAT NO: 1013005

CHEMICAL ANALYSIS

C	0.070	Mn	1.700
Si	0.580	S	0.008
P	0.009	Cr	0.400
Ni	2.150	Mo	0.350
Cu	0.100	V	0.0021
Al	0.002	Zr	0.008
Ti	0.027		

Mechanical Properties of Deposited Metal

T/S(N/mm <sup>2</sup> )	Y/S(N/mm <sup>2</sup> )	EL%	N.D.E.	I.V(J) at -51°C
840	775	19.5	-	85

Mfg Date: 2011.3

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: \_\_\_\_\_