ROBINSON TECHNICAL SOUTHEAST, INC.
6205 Boat Rock Blvd.
ATLANTA, GA. 30336
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C E R T I F I C A T I O N

SPECIFICATION - AWS: A5.5-81/ASME SFA 5.5 CLASSIFICATION: E9018-B3 ACTUAL

SIZE: 1/8 SERIAL#: 3489 HEAT NO: 489

C H E M I C A L A N A L Y S I S

C	0.060	Cr	2.099
Si	0.656	Mn	0.731
P	0.005	Mo	0.975
S	0.007	Ni	0.050
Cu	0.058	V	0.020

TYPICAL MECHANICAL PROPERTIES

TENSILE STRENGTH N/mm^2: 620-800
YIELD POINT N/mm^2: MIN. 530
ELONGATION (%): 22
IMPACT STRENGTH ISO-V@ -30°C: 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