



ROBINSON TECHNICAL SOUTHEAST, INC.

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CERTIFICATION

SPECIFICATION - AWS: 5.1

CLASSIFICATION: E7014

ACTUAL

SIZE: 1/8" X 5LB TUBE

SERIAL#: 10-3220

HEAT NO: 220

CHEMICAL ANALYSIS

| | | | |
|----|-------|----|-------|
| C | 0.055 | Si | 0.397 |
| Mn | 0.488 | P | 0.016 |
| S | 0.015 | Cr | 0.028 |
| Ni | 0.018 | Mo | 0.002 |
| Cu | 0.007 | V | 0.012 |
| Al | 0.001 | Fe | - |
| Nb | 0.000 | | |

Mechanical Properties of Deposited Metal

| YIELD (N/mm ²) | TENSILE (N/mm ²) | EL% | ISO V(0°C) |
|----------------------------|------------------------------|---------|------------|
| min. 420 | 520-600 | 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: _____