



INSPECTION CERTIFICATE According to EN 10204 3.1

No.7401 4500 7397

| | | | | | | | | | | |
|---|----------|---------------|---------------------------------|-------------|--------------|--------|-----------|----------|------|--|
| Designation | E6013 | Specification | Φ 2.5 X 350mm | Batch No. | 122308 1 | Date | 2023-8-18 | Quantity | 7.6t | |
| CHEMICAL COMPOSITIONS OF DEPOSITED METAL | | | | | | | | | | |
| COMPOSITIONS | | C | Mn | Si | S | P | | | | |
| REQUIREMENTS | | ≤0.12 | 0.30-0.60 | ≤0.30 | ≤0.035 | ≤0.040 | | | | |
| RESULT | | 0.79 | 0.33 | 0.16 | 0.024 | 0.023 | | | | |
| Mechanical Properties of Deposited Metal | | | | | ButtWeld | | | | | |
| Tensile Test | | | | Impact Test | | | | | | |
| | Y.P(MPa) | T.S(MPa) | % | Temp. | Value(J) | | | | NDT | |
| | ≥330 | ≥420 | ≥17 | 0°C | ≥27 | | | | I | |
| | 405 | 450 | 21 | 0°C | 59 | 60 | 61 | 60 | I | |
| (Surface Appearance Quality: EXCELLENT) | | | | | | | | | | |
| APPROVED BY | GRADE | | Quality Management System Audit | | ISO9001-2015 | | (ml/100g) | | | |
| CE TUV | | | | | | | | | | |
| GB/T5117-2012 (Fitted as GB/T5117-2012 Covered electrodes for manual metal arc welding of non-alloy and fine grain steel E4313 AWS A5.1 E6013 | | | | | | | | | | |

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