



**INSPECTION CERTIFICATE** According to EN 10204 3.1

No.7401 4500

|   |          |                                 |               |              |             |           |                 |          |       |  |
|---|----------|---------------------------------|---------------|--------------|-------------|-----------|-----------------|----------|-------|--|
| Designation   | E6013    | Specification                   | Φ 2.5 X 350mm | Batch No.    | 122312<br>1 | Date      | 2023.12.10      | Quantity | 11.5t |  |
| <b>CHEMICAL COMPOSITIONS OF DEPOSITED METAL</b>   |          |                                 |               |              |             |           |                 |          |       |  |
| 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     |                 |          |       |  |
| <b>Mechanical Properties of Deposited Metal</b>   |          |                                 |               |              |             |           | <b>ButtWeld</b> |          |       |  |
| Tensile Test  |          |                                 |               | Impact Test  |             |           |                 | NDT      |       |  |
|   | Y.P(MPa) | T.S(MPa)                        | %             | Temp.        | Value(J)    |           |                 |          |       |  |
|   | ≥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-<br>(Fitted as GB/T5117-2012 Covered electrodes for manual metal arc welding of non-alloy and fine grain steel E4313<br>AWS A5.1 E6013 |          |                                 |               |              |             |           |                 |          |       |  |