

ÖSTERBERGS INDUSTRIHANDEL AB

Inspection certificate 3.1

BOX 5240
 65005 KARLSTAD
 Sweden

as per : EN 10204
 No. : 2024-2041326962-20-1105012-014
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| | | | |
|--------------------------|---|----|------------------|
| PO no. | 0000718924/732392 | of | 02.09.2024 |
| Order no. | 1041093272 | | |
| Delivery note/pos./split | 2041326962/000000/000020 | of | 03.09.2024 |
| Product | Tubular cored electrode | | |
| Trade name | diamondspark 52 RC | | |
| Standard designation | EN ISO 17632-A: T46 4 P M21 1 H5/T46 2 P C1 1 H5 AWS A5.20: E71T1M/T-9M/T-12M-JDH4/E71T1C/T-9C/T-12C DH4 | | |
| Dimension | 1,2 mm | | 261089 |
| Serial no. | 1105012 | | 81850 |
| Quantity | 45,0 KG | | CU04110F 0015 |

Chemical composition in % of the weld metal

| C | Si | Mn | P | S | Cr | Mo | Ni | V | Cu | Al | Nb | B | | |
|------|------|------|-------|-------|------|--------|--------|------|------|-------|------|-------|--|--|
| 0,06 | 0,40 | 1,12 | 0,012 | 0,007 | 0,03 | < 0,01 | < 0,01 | 0,01 | 0,08 | < 0,1 | 0,02 | 0,004 | | |

Mechanical properties

EN 10204 - 2.2

| Tensile test | | | | | | | |
|--------------|-------------------------|-------------------|-------------------------|---------------------|-------------|-------------|---------|
| T | ReL / Rp 0,2 MPa | Rp 1,0 MPa | Rm MPa | A (Lo = 5d) % | Z % | WBH PWHT | Remarks |
| 20°C | ≥ 460 | | 530 - 620 | ≥ 23 | | | |
| Impact test | | | | | | | |
| T | Impact energy KV / J | Average KV / J | Lateral expansion mm | Shear fracture % | WBH PWHT | Remarks | |
| -40°C | ≥ 47 | | | | | | |

Town
Avesta

Date
03.09.2024

This certificate was issued by DP-equipment and does not require signature.

Authorized representative
Lidstroem