

ÖSTERBERGS INDUSTRIHANDEL AB

## Inspection certificate 3.1

BOX 5240  
65005 KARLSTAD  
Swedenas per : EN 10204  
No. : 2023-2041324043-30-2157666-014  
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|                          |   |    |                  |
|--------------------------|---|----|------------------|
| PO no.                   | 690836  | of | 05.04.2023       |
| Order no.                | 1041090874  |    |                  |
| Delivery note/pos./split | 2041324043/000000/000030  | of | 06.04.2023       |
| Product                  | stick electrode   |    |                  |
| Trade name               | <b>BÖHLER FOX EV 50</b>   |    |                  |
| Standard designation     | EN ISO 2560-A: E 42 5 B 42 H5<br>AWS A5.1 / SFA-5.1: E7018-1H4R |    |                  |
| Dimension                | 2,5 x 350 mm  |    | 261089           |
| Serial no.               | 2157666   |    | 11543            |
| Quantity                 | 25,2 KG   |    | 2U83060E<br>0015 |

## Chemical composition in % of the weld metal

| C    | Si   | Mn   | P     | S     | Cr   | Mo     | Ni   | V    | Cu   | Nb     | Mn+Ni+C |  |  |  |
|------|------|------|-------|-------|------|--------|------|------|------|--------|---------|--|--|--|
| 0,06 | 0,54 | 1,11 | 0,009 | 0,006 | 0,03 | < 0,01 | 0,05 | 0,01 | 0,03 | < 0,01 | 1,21    |  |  |  |

## Mechanical properties

## EN 10204 - 2.2

| Tensile test |                         |                   |                         |                     |             |             |         |
|--------------|-------------------------|-------------------|-------------------------|---------------------|-------------|-------------|---------|
| T            | ReL / Rp 0,2<br>MPa     | Rp 1,0<br>MPa     | Rm<br>MPa               | A (Lo = 5d)<br>%    | Z<br>%      | WBH<br>PWHT | Remarks |
| 20°C         | ≥ 420                   |                   | 500 - 640               | ≥ 22                |             |             |         |
| Impact test  |                         |                   |                         |                     |             |             |         |
| T            | Impact energy<br>KV / J | Average<br>KV / J | Lateral expansion<br>mm | Shear fracture<br>% | WBH<br>PWHT | Remarks     |         |
| -50°C        | ≥ 47                    |                   |                         |                     |             |             |         |
| 20°C         | ≥ 120                   |                   |                         |                     |             |             |         |

Town  
AvestaDate  
07.04.2023

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

Authorized representative  
Lidstroem