

ÖSTERBERGS INDUSTRIHANDEL AB

## Inspection certificate 3.1

BOX 5240  
65005 KARLSTAD  
Swedenas per : EN 10204  
No. : 2022-2041321757-50-2310084-014  
Rev. 0 Page 1 of 1

|                          |   |    |                  |
|--------------------------|---|----|------------------|
| PO no.                   | 662643  | of | 20.04.2022       |
| Order no.                | 1041089143  |    |                  |
| Delivery note/pos./split | 2041321757/000000/000050  | of | 21.04.2022       |
| Product                  | Tubular cored electrode   |    |                  |
| Trade name               | <b>FOXcore 316L-T1</b>  |    |                  |
| Standard designation     | EN ISO 17633-A: T 19 12 3 L P M21/C1 1<br>AWS A5.22: E316LT1-4/-1 |    |                  |
| Dimension                | 1,2 mm  |    | 261089           |
| Serial no.               | 2310084   |    | 58065            |
| Quantity                 | 60,0 KG   |    | 2SB7A03F<br>0015 |

## Chemical composition in % of the weld metal

|       |      |      |       |       |       |      |       |      |  |  |  |  |  |  |
|-------|------|------|-------|-------|-------|------|-------|------|--|--|--|--|--|--|
| C     | Si   | Mn   | P     | S     | Cr    | Mo   | Ni    | Cu   |  |  |  |  |  |  |
| 0,023 | 0,72 | 1,40 | 0,025 | 0,008 | 18,70 | 2,69 | 11,88 | 0,11 |  |  |  |  |  |  |

## 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         | ≥ 350                   |                   | ≥ 520                   | ≥ 30                |             |             |         |
| Impact test  |                         |                   |                         |                     |             |             |         |
| T            | Impact energy<br>KV / J | Average<br>KV / J | Lateral expansion<br>mm | Shear fracture<br>% | WBH<br>PWHT | Remarks     |         |
| -120°C       | ≥ 32                    |                   |                         |                     |             |             |         |
| 20°C         | ≥ 47                    |                   |                         |                     |             |             |         |

WRC 92: 11 FN

Town  
AvestaDate  
22.04.2022

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

Authorized representative  
Lars-Åke Bylund