

Inspection Certificate 3.1

Product Line **FCAW**
Product **OUTERSHIELD 71E-H**
Size(s) mm **1,2**
Item No. **900156N**
Lot/Batch **P1FC240515**
Class **AWS A5.20/A5.20M E71T-1C-H4 / E71T-1MJ H4**
EN ISO 17632-A: T42 0PC1 1H5/T46 3PM21 1H5
CSA W48-06: E491T-9M-H8

Customer Ref **38319**
Our Reference **820966349**
Quantity **16.0 KG**
Customer **TornboSvejs**

Sallingsundvej 24
ESBJERG N 6715

Chemical analysis (%)

According to EN10204 3.1

| C | Si | Mn | P | S | Cr | Ni | Mo | Nb | Cu | V |
|-------|------|------|-------|-------|------|------|--------|------|------|------|
| 0.039 | 0.56 | 1.39 | 0.011 | 0.008 | 0.03 | 0.01 | < 0.01 | 0.02 | 0.01 | 0.02 |

Mechanical tests, all weld metal

According to EN10204 2.2

Tensile testing

Impact testing

| Cond. | Temp. °C | ReL MPa | Rm MPa | A5 % | Cond. | Temp. °C | KV J | Temp. °C | KV J | Temp. °C | KV J | |
|-------|----------|---------|--------|------|-------|----------|------|----------|------|----------|------|----|
| AW | M21 | 21 | 571 | 630 | 23 | AW | -20 | 104 | -30 | 81 | -40 | 60 |

Diffusible hydrogen

According to EN10204 2.2

HDM as Manufactured

4.0 ml/100g

Remarks

The product identified above has been manufactured, tested and supplied in compliance with a certified ISO 9001 Quality Assurance Programme.

Company
Lincoln Electric France SAS
AVENUE FRANKLIN ROOSEVELT
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Issued By
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POSITION:
Quality & R&D Manager

Printed
By **Michael Mathius**
Function **Operation Officer**
Date **05/NOV/2024**

Cert. No.
02490420
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