



# INSPECTION CERTIFICATE (3.1) - Chemical analysis TEST REPORT (2.2) - Mechanical properties

Date: 2013-07-16

Certificate number: **EC23039135 rev. 0**

Our order: 647433  
Our reference: Line Cambien France  
Customer number: NLB00152  
Customer order date: 20130711

Your order: **20031137086**  
Your reference:  
Your fax number:  
Your e-mail:

Invoice address  
ZEVIJ B.V. LASAULEC CENTRAAL HVEEN  
POSTBUS 447  
4900 AK OOSTERHOUT

Receiver of certificate

Delivery address  
LASAULEC CENTRAAL B.V.  
Lidnr. 400  
KUPER 2  
8447 GK HEERENVEEN

DELIVERY

Lot number: PV32700C5MC0

Quantity: 50

## PRODUCT

Brand: ESAB  
Description: OK Tigrod 316LSi 1.6x1000 5kg  
Item number: **163216R150**

## CLASSIFICATIONS

EN ISO 14343-A W 19 12 3 L Si  
SFA/AWS A5.9 ER316LSi  
Werkstoffnummer ~1.4430

## MECHANICAL PROPERTIES

**Typical data**  
**acc to EN 10204 - 2.2**

Standard:  
Auxiliary:  
Condition:

### TENSILE

| <u>Rp0.2</u> | <u>Rm</u> | <u>A4-A5</u> |
|--------------|-----------|--------------|
| 450 MPa      | 600 MPa   | 35 %         |

### IMPACT

| <u>Temp</u> | <u>KV</u> |
|-------------|-----------|
| +20 °C      | 175 J     |
| -110 °C     | 150 J     |

## COMMENTS

## CHEMICAL COMPOSITION

**Actual results**  
**acc to EN 10204 - 3.1**

Wire/strip

Auxiliary:

|            |        |
|------------|--------|
| C          | 0.02%  |
| Si         | 0.99%  |
| Mn         | 1.7%   |
| P          | 0.02%  |
| S          | 0.01%  |
| Cr         | 18.2%  |
| Ni         | 11.9%  |
| Mo         | 2.6%   |
| Cu         | 0.08%  |
| N          | 0.055% |
| Ferrite FN | 7      |

Product supplied under a QA Programme fulfilling the EN ISO 9001 standard.

This certificate is produced electronically and is valid without signature.

Please refer any queries to:

**Esab Nederland BV - P.O. Box 2236 , 3800 CE Amersfoort , Nederland**

Validation - Chemical Analysis

Milan Macek

Quality Manager

Validation - Others

Mikael Mimer

Product Manager