



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

Date: 2016-01-07

Certificate number: **EC24158414 rev. 0**

Our order:

Your order:

Our reference:

Your reference:

Customer number:

NLB00152

Your fax number:

Customer order date:

Your e-mail:

Invoice address

ZEVIJ B.V. LASAULEC CENTRAAL  
HEERENVEEN

Receiver of certificate

Delivery address

DELIVERY

Lot number: PV5425436641

Quantity:

**PRODUCT**

Brand: ESAB  
Description: OK Tigrod 308LSi 2.4x1000 5kg  
Item number: **161224R150**

**CHEMICAL COMPOSITION**

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

Wire/strip

Auxiliary:

**CLASSIFICATIONS**

EN ISO 14343-A W 19 9 L Si  
SFA/AWS A5.9 ER308LSi  
Werkstoffnummer ~1.4316

|            |       |
|------------|-------|
| C          | 0.02% |
| Si         | 0.80% |
| Mn         | 1.9%  |
| P          | 0.02% |
| S          | 0.02% |
| Cr         | 20.0% |
| Ni         | 10.3% |
| Mo         | 0.06% |
| Cu         | 0.06% |
| N          | 0.06% |
| Ferrite FN | 9     |

**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      | 620 MPa   | 36 %         |

IMPACT

|             |           |
|-------------|-----------|
| <u>Temp</u> | <u>KV</u> |
| -60 °C      | 150 J     |
| -196 °C     | 75 J      |

**COMMENTS**

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

Josef Moravek

Quality Manager

Validation - Others

Jay A Coubrough

Product Manager