



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

Date: 2013-11-05

Certificate number: EC23202540 rev. 0

Our order: 716037  
Our reference: Nicole Javaux France  
Customer number: NLB00152  
Customer order date: 20131030

Your order: Various  
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.  
Lidhr. 400  
KUPER 2  
8447 GK HEERENVEEN

DELIVERY

Lot number: PV340824625

Quantity: 5

### PRODUCT

Brand: ESAB  
Description: OK Tigrod 12.64 2.0x1000mm 5kg  
Item number: 126420R150

### CLASSIFICATIONS

EN ISO 636-A W46 3 W4Si1  
EN ISO 636-A W4Si1  
SFA/AWS A5.18 ER70S-6

### MECHANICAL PROPERTIES

Typical data  
acc to EN 10204 - 2.2

Standard: EN  
Auxiliary: I1  
Condition:

#### TENSILE

| <u>ReL</u> | <u>Rm</u> | <u>A4-A5</u> |
|------------|-----------|--------------|
| 525 MPa    | 595 MPa   | 26 %         |

#### IMPACT

| <u>Temp</u> | <u>KV</u> |
|-------------|-----------|
| -30 °C      | 70 J      |

### CHEMICAL COMPOSITION

Actual results  
acc to EN 10204 - 3.1

Wire/strip

Auxiliary:

|       |         |
|-------|---------|
| C     | 0.09%   |
| Si    | 0.94%   |
| Mn    | 1.69%   |
| P     | 0.009%  |
| S     | 0.009%  |
| Cr    | 0.03%   |
| Ni    | 0.01%   |
| Mo    | < 0.01% |
| Cu    | 0.05%   |
| V     | < 0.01% |
| Al    | < 0.01% |
| Ti+Zr | 0.01%   |

### 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

Milan Macek

Quality Manager

Validation - Others

Per-Erik Andersson

Product Manager