



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

Date: 2013-03-27

Certificate number: **EC22872531 rev. 0**

Our order:

Your order:

Our reference:

Your reference:

Customer number: NLB00152

Your fax number:

Customer order date:

Your e-mail:

Invoice address

Receiver of certificate

Delivery address

ZEVIJ B.V. LASAULEC CENTRAAL  
HEERENVEEN

DELIVERY

Lot number: SF023117

Quantity:

## PRODUCT

Brand: ESAB  
Description: OK 43.32 3.2x450mm  
Item number: **4332324400**

## CLASSIFICATIONS

SFA/AWS A5.1 E6013  
EN ISO 2560-A E 42 0 RR 12

## CHEMICAL COMPOSITION

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

All weld metal

Auxiliary:

|    |        |
|----|--------|
| C  | 0.05%  |
| Si | 0.42%  |
| Mn | 0.6%   |
| P  | 0.025% |
| S  | 0.007% |
| Cr | < 0.1% |
| Ni | 0.1%   |
| Mo | < 0.1% |
| Nb | 0.01%  |
| Cu | 0.1%   |
| V  | 0.01%  |

## MECHANICAL PROPERTIES

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

Standard:

Auxiliary:

Condition:

TENSILE

|            |           |              |
|------------|-----------|--------------|
| <u>ReL</u> | <u>Rm</u> | <u>A4-A5</u> |
| 460 MPa    | 550 MPa   | 24 %         |

IMPACT

|             |           |
|-------------|-----------|
| <u>Temp</u> | <u>KV</u> |
| +20 °C      | 65 J      |
| 0 °C        | 55 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

Pál Dranka

Quality Assurance Manager

Validation - Others

Karin Ivarsson

Product Manager