



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

Date: 2013-07-31

Certificate number: EC23059354 rev. 0

Our order: 654663  
Our reference: Mariette Villieu  
Customer number: NLB00033  
Customer order date: 20130725

Your order: 20031139409  
Your reference:  
Your fax number:  
Your e-mail:

Invoice address  
ZEVIJ BV LASAULEC CENTRAAL HVEEN  
POSTBUS 447  
4800 AK OOSTERHOUT

Receiver of certificate

Delivery address  
LASAULEC HEEFENVEEN  
Lichr. 403  
KUPER 4  
8447 GK HEEFENVEEN

DELIVERY

Lot number: RB1323060

Quantity: 5

## PRODUCT

Brand: ESAB  
Description: OK Tigrod 4043 2.4x1000mm 2.5kg  
Item number: 180424R120

## CLASSIFICATIONS

SFA/AWS A5.10 R4043  
EN ISO 18273 SA 4043 (AISI)  
JIS Z 3232 A4043

## CHEMICAL COMPOSITION

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

Wire/strip

Auxiliary:

|    |         |
|----|---------|
| Si | 4.8%    |
| Mn | < 0.01% |
| Cu | 0.02%   |
| Ti | 0.01%   |
| Be | 0.0001% |
| Fe | 0.2%    |
| Mg | < 0.01% |
| Zn | 0.02%   |

## 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> |
| 55 MPa       | 165 MPa   | 18 %         |

## 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

William Hamilton

Quality Assurance Manager

Validation - Others

Michael Spiess

Product Manager