



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

Date: 2013-09-09

Certificate number: EC23109270 rev. 0

Our order: 677929  
Our reference: Mariette Villieu  
Customer number: NLB00152  
Customer order date: 20130829

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: PV333057853

Quantity: 4

PRODUCT

Brand: ESAB  
Description: OK Autrod 12.51 1.2mm 250kg  
Item number: 1251129320

CLASSIFICATIONS

EN ISO 14341-A G 3Si1  
EN ISO 14341-A G 38 2 C1 3Si1  
EN ISO 14341-A G 42 3 M21 3Si1  
SFA/AWS A5.18 ER70S-6  
CAN/CSA-ISO 14341 B-G 49A 3 C G6

MECHANICAL PROPERTIES

Typical data  
acc to EN 10204 - 2.2

Standard: EN  
Auxiliary: M21 (EN 439)  
Condition:

TENSILE

| ReL     | Rm      | A4-A5 |
|---------|---------|-------|
| 470 MPa | 560 MPa | 26 %  |

IMPACT

| Temp   | KV   |
|--------|------|
| -30 °C | 70 J |

CHEMICAL COMPOSITION

Actual results  
acc to EN 10204 - 3.1

Wire/strip

Auxiliary:

|       |         |
|-------|---------|
| C     | 0.08%   |
| Si    | 0.84%   |
| Mn    | 1.46%   |
| P     | 0.010%  |
| S     | 0.017%  |
| Cr    | 0.04%   |
| Ni    | 0.02%   |
| Mo    | 0.01%   |
| Cu    | 0.10%   |
| 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