



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

Date: 2012-02-10

Certificate number: EC22323102 rev. 0

Our order: 15550495  
Our reference: Westerman Jolanda  
Customer number: 30077244  
Customer order date: 20120210

Your order: 20031026963  
Your reference:  
Your fax number:  
Your e-mail:

Invoice address  
ZEVIJ B.V. LASAULEC CENTRAAL HVEEN  
Lidhr. 400  
POSTBUS 447  
4900 AK OOSTERHOUT  
Netherlands

Receiver of certificate

Delivery address  
LASAULEC CENTRAAL B.V.  
Lidhr. 400  
KUPER 2  
8447 GK HEERENVEEN  
Netherlands

DELIVERY

Lot number: FT138116195

Quantity: 36 BX

PRODUCT

Brand: ESAB  
Description: OK Autrod 12.51 1.0mm 18kg  
Item number: 1251107710

CLASSIFICATIONS

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

CHEMICAL COMPOSITION

Actual results  
acc to EN 10204 - 3.1

Wire/strip

Auxiliary:

|       |         |
|-------|---------|
| C     | 0.08%   |
| Si    | 0.92%   |
| Mn    | 1.45%   |
| P     | 0.012%  |
| S     | 0.011%  |
| Cr    | 0.04%   |
| Ni    | 0.04%   |
| Mo    | 0.01%   |
| Cu    | 0.19%   |
| V     | < 0.01% |
| Al    | 0.01%   |
| Ti+Zr | 0.02%   |

MECHANICAL PROPERTIES

Typical data  
acc to EN 10204 - 2.2

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

TENSILE

|            |           |              |
|------------|-----------|--------------|
| <u>Rel</u> | <u>Rm</u> | <u>A4-A5</u> |
| 470 MPa    | 560 MPa   | 26 %         |

IMPACT

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

Massimo Gherardi

Quality Assurance Manager

Validation - Others

Per-Erik Andersson

Product Manager