



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

Date: 2013-03-26

Certificate number: **EC22870251 rev. 0**

Our order: 530563
Our reference: Nicole Javaux France
Customer number: NLB00034
Customer order date: 20130116

Your order: **20031084121**
Your reference:
Your fax number:
Your e-mail:

Invoice address
ZEVIJ BV LASAULEC CENTRAAL HVEEN
POSTBUS 447
4900 AK OOSTERHOUT

Receiver of certificate

Delivery address
LASAULEC GRONINGEN
Lidhr. 406
BORNHOLMSTRAAT 10
9723 AX GRONINGEN

DELIVERY

Lot number: PV3070166

Quantity: 896

PRODUCT

Brand: ESAB
Description: OK Tubrod 14.11 1.4mm 16kg
Item number: **1411147730**

CLASSIFICATIONS

SFA/AWS A5.18 E70C-6M H4
EN ISO 17632-A T 42 4 M M 3 H5

CHEMICAL COMPOSITION

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

All weld metal

Auxiliary: M21 (EN439)

C	0.040%
Si	0.80%
Mn	1.59%
P	0.010%
S	0.024%
Cr	0.04%
Ni	0.03%
Mo	0.01%
Nb	0.006%
Cu	0.03%
V	0.003%

MECHANICAL PROPERTIES

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

Standard: EN
Auxiliary: M21 (EN439)
Condition: As welded

TENSILE

<u>Rp0.2</u>	<u>Rm</u>	<u>A5</u>
453 MPa	558 MPa	32 %

IMPACT

<u>Temp</u>	<u>KV</u>
-40 °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

Milan Macek

Quality Manager

Validation - Others

Shaun Studholme

Product Manager