



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

Date: 2013-09-30

Certificate number: **EC23143887 rev. 0**

Our order: 686348
Our reference: Nicole Javaux France
Customer number: NLB00034
Customer order date: 20130918

Your order: **20031149020**
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
044 Groningen
Bornholmstraat 10
9723 AX Groningen

DELIVERY

Lot number: PV331054609

Quantity: 10

PRODUCT

Brand: ESAB
Description: OK Tigrod 13.09 1.6x1000mm 5kg
Item number: **130916R150**

CLASSIFICATIONS

EN ISO 636-A W 46 2 W2Mo
EN ISO 636-A W2Mo
EN ISO 21952-A W MoSi
EN ISO 21952-B W 52 1M3
SFA/AWS A5.28 ER80S-G

MECHANICAL PROPERTIES

Typical data
acc to EN 10204 - 2.2

Standard: EN
Auxiliary: I1
Condition:

TENSILE

<u>ReL</u>	<u>Rm</u>	<u>A4-A5</u>
480 MPa	565 MPa	28 %

IMPACT

<u>Temp</u>	<u>KV</u>
-40 °C	90 J

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

Wire/strip

Auxiliary:

C	0.09%
Si	0.51%
Mn	0.98%
P	0.015%
S	0.018%
Cr	0.04%
Ni	0.02%
Mo	0.40%
Cu	0.09%
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