



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

Date: 2013-08-16

Certificate number: EC23077448 rev. 0

Our order: 643107
Our reference: Noelle Javaux France
Customer number: NLE00034
Customer order date: 20130705

Your order: 20031132274
Your reference:
Your fax number:
Your e-mail:

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

Receiver of certificate

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

DELIVERY

Lot number: PV3250578

Quantity: 896

PRODUCT

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

CLASSIFICATIONS

SFA/AWS A5.18 E70C-6MH4
EN ISO 17632-A T 42 4 MM 3 H 5

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

All weld metal

Auxiliary: M21 (EN439)

C	0.040%
Si	0.75%
Mn	1.68%
P	0.010%
S	0.022%
Cr	0.03%
N	0.01%
Mo	0.01%
Nb	0.003%
Cu	0.02%
V	0.002%

MECHANICAL PROPERTIES

Typical data
acc to EN 10204 - 2.2

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

TENSILE

<u>R_{0.2}</u>	<u>R_m</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



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

Date: 2013-08-16

Certificate number: EC23077449 rev. 0

Our order: 643107
Our reference: Nicole Javaux France
Customer number: NLE00034
Customer order date: 20130705

Your order: 20031132274
Your reference:
Your fax number:
Your e-mail:

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

Receiver of certificate

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

DELIVERY

Lot number: PV3250597

Quantity: 896

PRODUCT

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

CLASSIFICATIONS

SFA/AWS A5.18 E70C-6MH4
EN ISO 17632-A T 42 4MM3 H5

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

All weld metal

Auxiliary: M21 (EN439)

C	0.040%
Si	0.83%
Mn	1.72%
P	0.010%
S	0.025%
Cr	0.04%
N	0.02%
Mo	0.02%
Nb	0.004%
Cu	0.02%
V	0.002%

MECHANICAL PROPERTIES

Typical data
acc to EN 10204 - 2.2

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

TENSILE

<u>R_{0.2}</u>	<u>R_m</u>	<u>A₅</u>
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