



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

Date: 2013-05-03

Certificate number: **EC22926721 rev. 0**

Our order: 594307
Our reference: Nicole Javaux France
Customer number: NLB00152
Customer order date: 20130418

Your order: **20031120281**
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: PV316053938

Quantity: 17

PRODUCT

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

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

<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

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

Wire/strip

Auxiliary:

C	0.07%
Si	0.89%
Mn	1.50%
P	0.013%
S	0.013%
Cr	0.10%
Ni	0.03%
Mo	0.01%
Cu	0.12%
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



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

Date: 2013-05-03

Certificate number: **EC22926722 rev. 0**

Our order: 594307
Our reference: Nicole Javaux France
Customer number: NLB00152
Customer order date: 20130418

Your order: **20031120281**
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: PV316053943

Quantity: 32

PRODUCT

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

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

<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

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

Wire/strip

Auxiliary:

C	0.07%
Si	0.89%
Mn	1.51%
P	0.011%
S	0.015%
Cr	0.05%
Ni	0.02%
Mo	< 0.01%
Cu	0.14%
V	< 0.01%
Al	< 0.01%
Ti+Zr	0.01%

COMMENTS

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Please refer any queries to:

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