



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

Date: 2012-03-16

Certificate number: EC22370580 rev. 0

Our order: 15555942
Our reference: Westerman Jolanda
Customer number: 30077244
Customer order date: 20120316

Your order: 20031035133
Your reference:
Your fax number:
Your e-mail:

Invoice address
ZEVU B.V. LASAULEC CENTRAAL HVEEN
Lidhr. 400
POSTBUS 447
4800 AK OOSTERHOUT
Netherlands

Receiver of certificate

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

DELIVERY

Lot number: PV201777817

Quantity: 522 BX

PRODUCT

Brand: ESAB
Description: OK Autrod 12.64 1.0mm 18kg
Item number: 1264107710

CLASSIFICATIONS

EN ISO 636-A W46 3 W4S1
EN ISO 636-A W4S1
EN ISO 14341-A G4S1
EN ISO 14341-A G42 2 C1 4S1
EN ISO 14341-A G46 3 M21 4S1
SFA/AWS A5.18 ER70S-6

MECHANICAL PROPERTIES

Typical data
acc to EN 10204 - 2.2

Standard: EN
Auxiliary: M21
Condition:

TENSILE

Rel Rm A4-A5
525 MPa 595 MPa 26 %

IMPACT

Temp KV
-30 °C 70 J

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

Wire/strip

Auxiliary:

C	0.07%
Si	0.97%
Mn	1.68%
P	0.013%
S	0.011%
Cr	0.03%
Ni	0.02%
Mo	0.01%
Cu	0.10%
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: 2011-11-24

Certificate number: EC22228695 rev. 0

Our order: 15538696
Our reference: Javaux Nicole
Customer number: 30077244
Customer order date: 20111123

Your order: 20031010471
Your reference:
Your fax number:
Your e-mail:

Invoice address

ZEVIJ B.V. LASAULEC CENTRAAL HVEEN
Lidnr. 400
POSTBUS 447
4900 AK OOSTERHOUT
Netherlands

Receiver of certificate

Delivery address

LASAULEC CENTRAAL B.V.
Lidnr. 400
KUPER 2
8447 GK HEERENVEEN
Netherlands

DELIVERY

Lot number: PV137030409

Quantity: 36 KG

PRODUCT

Brand: ESAB
Description: OK Autrod 12.64 1.0mm 18kg
Item number: 1264107710

CLASSIFICATIONS

EN ISO 636-A W 46 3 W4Si1
EN ISO 636-A W4Si1
EN ISO 14341-A G 4Si1
EN ISO 14341-A G 42 2 C1 4Si1
EN ISO 14341-A G 46 3 M21 4Si1
SFA/AWS A5.18 ER70S-6

MECHANICAL PROPERTIES

Typical data
acc to EN 10204 - 2.2

Standard: EN
Auxiliary: M21
Condition:

TENSILE

ReL Rm A4-A5
525 MPa 595 MPa 26 %

IMPACT

Temp KV
-30 °C 70 J

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

Wire/strip

Auxiliary:

C	0.08%
Si	0.86%
Mn	1.61%
P	0.012%
S	0.008%
Cr	0.05%
Ni	0.01%
Mo	0.01%
Cu	0.08%
V	< 0.01%
Al	< 0.01%
Ti+Zr	0.01%

COMMENTS

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