



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

Date: 2012-03-30

Certificate number: EC22390242 rev. 0

Our order: 15558195
Our reference: Westerman Jolanda
Customer number: 30077244
Customer order date: 20120330

Your order: 20031038455
Your reference:
Your fax number:
Your e-mail:

Invoice address
ZEVIJ 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: PV207789114

Quantity: 20 BX

PRODUCT

Brand: ESAB
Description: OK Tigrod 12.64 2.4x1000mm5kg
Item number: 126424R150

CLASSIFICATIONS

EN ISO 636-A W46 3 W4S1
EN ISO 636-A W4S1
SFA/AWS A5.18 ER70S-6

MECHANICAL PROPERTIES

Typical data
acc to EN 10204 - 2.2

Standard: EN
Auxiliary: I1
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	0.96%
Mn	1.67%
P	0.017%
S	0.011%
Cr	0.03%
Ni	0.01%
Mo	<0.01%
Cu	0.08%
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: 2012-02-07

Certificate number: EC22317689 rev. 0

Our order: 15549799
Our reference: Westerman Jolanda
Customer number: 30077244
Customer order date: 20120207

Your order: 20031025253
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: PV147782636

Quantity: 100 BX

PRODUCT

Brand: ESAB
Description: OK Tigrod 12.64 2.4x1000mm 5kg
Item number: 126424R150

CLASSIFICATIONS

EN ISO 636-A W46 3 W4Si1
EN ISO 636-A W4Si1
SFA/AWS A5.18 ER70S-6

MECHANICAL PROPERTIES

Typical data
acc to EN 10204 - 2.2

Standard: EN
Auxiliary: I1
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	1.00%
Mn	1.68%
P	0.012%
S	0.008%
Cr	0.05%
Ni	0.02%
Mo	0.01%
Cu	0.10%
V	< 0.01%
Al	< 0.01%
Ti+Zr	0.01%

COMMENTS

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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: 2011-05-17

Certificate number: EC21986525 rev. 0

Our order: 15492758
Our reference: Westerman Jolanda
Customer number: 30077244
Customer order date: 20110513

Your order: 20030969640
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: PV113762980

Quantity: 420 KG

PRODUCT

Brand: ESAB
Description: OK Tigrod 12.64 2.4x1000mm 5kg
Item number: 126424R150

CLASSIFICATIONS

EN ISO 636-A W 46 3 W4Si1
EN ISO 636-A W4Si1
SFA/AWS A5.18 ER70S-6

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>
525 MPa	595 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	1.00%
Mn	1.63%
P	0.012%
S	0.005%
Cr	0.03%
Ni	0.01%
Mo	0.01%
Cu	0.06%
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

Josef Mysak

Quality Manager

Validation - Others

Per-Erik Andersson

Product Manager