



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

Date: 2012-01-30

Certificate number: EC22303836 rev. 0

Our order: 15548220
Our reference: VAN KELLER Marina
Customer number: 30077244
Customer order date: 20120106

Your order: Various
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: SF030137

Quantity: 900 EA

PRODUCT

Brand: ESAB
Description: OK 53.05 3.2x450mm 1/2 VP
Item number: 53053244G0

CLASSIFICATIONS

SFA/AWS A5.1 E7016
EN ISO 2560-A E 42 4 B 22 H10

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

All weld metal

Auxiliary:

C	0.07%
Si	0.44%
Mn	0.90%
P	0.014%
S	0.009%
Cr	0.05%
Ni	0.03%
Mo	< 0.1%
Nb	< 0.01%
Cu	< 0.1%
V	0.01%

MECHANICAL PROPERTIES

Typical data
acc to EN 10204 - 2.2

Standard:

Auxiliary:

Condition:

TENSILE

<u>ReL</u>	<u>Rm</u>	<u>A4-A5</u>
470 MPa	540 MPa	28 %

IMPACT

<u>Temp</u>	<u>KV</u>
-51 °C	60 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

Pál Dranka

Quality Assurance Manager

Validation - Others

Tony Dray

Product Manager



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

Date: 2011-05-09

Certificate number: EC21977020 rev. 0

Our order: 15490339
Our reference: Line Cambien
Customer number: 30077244
Customer order date: 20110509

Your order: 20030968142
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: SF006111

Quantity: 900 EA

PRODUCT

Brand: ESAB
Description: OK 53.05 3.2x450mm 1/2 VP
Item number: 53053244G0

CLASSIFICATIONS

SFA/AWS A5.1 E7016
EN ISO 2560-A E 42 4 B 22 H10

MECHANICAL PROPERTIES

Typical data
acc to EN 10204 - 2.2

Standard:
Auxiliary:
Condition:

TENSILE

<u>ReL</u>	<u>Rm</u>	<u>A4-A5</u>
470 MPa	540 MPa	28 %

IMPACT

<u>Temp</u>	<u>KV</u>
-51 °C	60 J

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

All weld metal

Auxiliary:

C	0.06%
Si	0.48%
Mn	0.82%
P	0.014%
S	0.004%
Cr	0.07%
Ni	0.02%
Mo	< 0.1%
Nb	< 0.01%
Cu	< 0.1%
V	0.01%

COMMENTS

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Validation - Chemical Analysis

Pál Dranka

Quality Assurance Manager

Validation - Others

Tony Dray

Product Manager



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

Date: 2011-05-19

Certificate number: EC21990735 rev. 0

Our order: 15490339
Our reference: Line Cambien
Customer number: 30077244
Customer order date: 20110509

Your order: 20030968142
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: SF116134

Quantity: 1008 EA

PRODUCT

Brand: ESAB
Description: OK 53.05 3.2x350mm 1/2 VP
Item number: 53053234G0

CLASSIFICATIONS

SFA/AWS A5.1 E7016
EN ISO 2560-A E 42 4 B 22 H10

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

All weld metal

Auxiliary:

C	0.05%
Si	0.52%
Mn	0.81%
P	0.014%
S	0.008%
Cr	0.04%
Ni	0.03%
Mo	< 0.1%
Nb	< 0.01%
Cu	< 0.1%
V	0.01%

MECHANICAL PROPERTIES

Typical data
acc to EN 10204 - 2.2

Standard:
Auxiliary:
Condition:

TENSILE

<u>ReL</u>	<u>Rm</u>	<u>A4-A5</u>
470 MPa	540 MPa	28 %

IMPACT

<u>Temp</u>	<u>KV</u>
-51 °C	60 J

COMMENTS

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Validation - Chemical Analysis

Pál Dranka

Quality Assurance Manager

Validation - Others

Tony Dray

Product Manager



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

Date: 2011-04-01

Certificate number: EC21935643 rev. 0

Our order: 15477708
Our reference: Westerman Jolanda
Customer number: 30077244
Customer order date: 20110401

Your order: 20030960458
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: SF034119

Quantity: 1008 EA

PRODUCT

Brand: ESAB
Description: OK 53.05 3.2x350mm 1/2 VP
Item number: 53053234G0

CLASSIFICATIONS

SFA/AWS A5.1 E7016
EN ISO 2560-A E 42 4 B 22 H10

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

All weld metal

Auxiliary:

C	0.08%
Si	0.53%
Mn	0.83%
P	0.014%
S	0.008%
Cr	0.03%
Ni	0.03%
Mo	< 0.1%
Nb	< 0.01%
Cu	< 0.1%
V	0.01%

MECHANICAL PROPERTIES

Typical data
acc to EN 10204 - 2.2

Standard:

Auxiliary:

Condition:

TENSILE

<u>ReL</u>	<u>Rm</u>	<u>A4-A5</u>
470 MPa	540 MPa	28 %

IMPACT

<u>Temp</u>	<u>KV</u>
-51 °C	60 J

COMMENTS

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Validation - Chemical Analysis

Pál Dranka

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Tony Dray

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