



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

Date: 2011-03-04

Certificate number: EC21902227 rev. 0

Our order: 15468337
Our reference: Westerman Jolanda
Customer number: 30077244
Customer order date: 20110304

Your order: 20030954041
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: SB042036

Quantity: 444 EA

PRODUCT

Brand: ESAB
Description: OK 61.30 2.5x300mm 1/4 VP
Item number: 61302520L0

CLASSIFICATIONS

EN 1600 E 199 L R 1 2
SFA/AWS A5.4 E308L-17
CSA W48 E308L-17
Werkstoffnummer 1.4316

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

All weld metal

Auxiliary:

C	0.03%
Si	0.81%
Mn	0.7%
P	0.021%
S	0.007%
Cr	19.3%
Ni	9.6%
Mo	0.09%
Cu	0.11%
FN WRC-92	4

MECHANICAL PROPERTIES

Typical data
acc to EN 10204 - 2.2

Standard:
Auxiliary:
Condition:

TENSILE

<u>Rp0.2</u>	<u>Rm</u>	<u>A5</u>
430 MPa	580 MPa	45 %

IMPACT

<u>Temp</u>	<u>KV</u>
+20 °C	70 J
-60 °C	49 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

Joakim Rohdén

Quality Director

Validation - Others

Tapio Huhtala

Product Manager



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

Date: 2012-06-08

Certificate number: EC22479923 rev. 0

Our order: 393579
Our reference: Line Cambien France
Customer number: NLB00152
Customer order date: 20120607

Your order: 20031053089
Your reference:
Your fax number:
Your e-mail:

Invoice address
ZEVIJ B.V. LASAULEC CENTRAAL HVEEN
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: SB145075

Quantity: 222 PCE

PRODUCT

Brand: ESAB
Description: OK 61.30 2.5x300mm 1/4 VP
Item number: 61302520L0

CLASSIFICATIONS

EN 1600 E 199 LR 12
SFA/AWS A5.4 E308L-17
CSA W48 E308L-17
Werkstoffnummer 1.4316

MECHANICAL PROPERTIES

Typical data
acc to EN 10204 - 2.2

Standard:
Auxiliary:
Condition:

TENSILE

<u>Rp0.2</u>	<u>Rm</u>	<u>A5</u>
430 MPa	580 MPa	45 %

IMPACT

<u>Temp</u>	<u>KV</u>
+20 °C	70 J
-60 °C	49 J

COMMENTS

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

All weld metal

Auxiliary:

C	0.03%
Si	0.78%
Mn	0.7%
P	0.018%
S	0.010%
Cr	19.4%
Ni	9.7%
Mo	0.09%
Cu	0.05%
FN WRC-92	6

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Validation - Chemical Analysis

Ellen Björgran

Quality Manager

Validation - Others

Tapio Huhtala

Product Manager



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

Date: 2011-10-14

Certificate number: EC22178101 rev. 0

Our order: 15532672
Our reference: Westerman Jolanda
Customer number: 30077244
Customer order date: 20111014

Your order: 20031001496
Your reference:
Your fax number:
Your e-mail:

Invoice address
ZEVIJ B.V. LASAULEC CENTRAAL HVEEN
Lidhr. 400
POSTBUS 447
4900 AK OOSTERHOUT
Netherlands

Receiver of certificate

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

DELIVERY

Lot number: SB109075

Quantity: 444 EA

PRODUCT

Brand: ESAB
Description: OK 61.30 2.5x300mm 1/4 VP
Item number: 61302520L0

CLASSIFICATIONS

EN 1600 E 199 LR 12
SFA/AWS A5.4 E308L-17
CSA W48 E308L-17
Werkstoffnummer 1.4316

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

All weld metal

Auxiliary:

C	0.02%
Si	0.84%
Mn	0.7%
P	0.020%
S	0.009%
Cr	19.3%
Ni	9.7%
Mo	0.08%
Cu	0.07%
FN WRC-92	5

MECHANICAL PROPERTIES

Typical data
acc to EN 10204 - 2.2

Standard:

Auxiliary:

Condition:

TENSILE

<u>Rp0.2</u>	<u>Rm</u>	<u>A5</u>
430 MPa	580 MPa	45 %

IMPACT

<u>Temp</u>	<u>KV</u>
+20 °C	70 J
-60 °C	49 J

COMMENTS

Product supplied under a QA Programme fulfilling the EN ISO 9001 standard.

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Validation - Chemical Analysis

Joakim Rohdén

Quality Director

Validation - Others

Tapio Huhtala

Product Manager



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

Date: 2012-03-09

Certificate number: EC22360738 rev. 0

Our order: 15554842
Our reference: Westerman Jolanda
Customer number: 30077244
Customer order date: 20120309

Your order: 20031033487
Your reference:
Your fax number:
Your e-mail:

Invoice address

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

Receiver of certificate

Delivery address

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

DELIVERY

Lot number: SB050164

Quantity: 222 EA

PRODUCT

Brand: ESAB
Description: OK 61.30 2.5x300mm 1/4 VP
Item number: 61302520L0

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

All weld metal

Auxiliary:

CLASSIFICATIONS

EN 1600 E 199 L R 12
SFA/AWS A5.4 E308L-17
CSA W48 E308L-17
Werkstoffnummer 1.4316

C 0.03%
Si 0.87%
Mn 0.7%
P 0.016%
S 0.010%
Cr 19.4%
Ni 9.8%
Mo 0.08%
Cu 0.05%

FN WRC-92 5

MECHANICAL PROPERTIES

Typical data
acc to EN 10204 - 2.2

Standard:

Auxiliary:

Condition:

TENSILE

Rp0.2 Rm A5
430 MPa 580 MPa 45 %

IMPACT

Temp KV
+20 °C 70 J
-60 °C 49 J

COMMENTS

Product supplied under a QA Programme fulfilling the EN ISO 9001 standard.

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Please refer any queries to:

Esab Nederland BV - P.O. Box 2236, 3800 CE Amersfoort, Nederland

Validation - Chemical Analysis

Joakim Rohdén

Quality Director

Validation - Others

Tapio Huhtala

Product Manager