



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

Date: 2011-03-09

Certificate number: EC21907472 rev. 0

Our order: 15468852
Our reference: Line Cambien
Customer number: 30077244
Customer order date: 20110307

Your order: 20030954571
Your reference:
Your fax number:
Your e-mail:

Invoice address

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

Receiver of certificate

Delivery address

LASAULEC HEERENVEEN
Lidnr. 403
KUPER 4
8447 GK HEERENVEEN
Netherlands

DELIVERY

Lot number: SB024460

Quantity: 138 EA

PRODUCT

Brand: ESAB
Description: OK 67.60 3.2x350mm 1/2 VP
Item number: 67603230T0

CLASSIFICATIONS

EN 1600 E 23 12 L R 3 2
SFA/AWS A5.4 E309L-17
CSA W48 E309L-17
Werkstoffnummer 1.4332

MECHANICAL PROPERTIES

Typical data
acc to EN 10204 - 2.2

Standard:

Auxiliary:

Condition:

TENSILE

Rp0.2	Rm	A5
470 MPa	580 MPa	32 %

IMPACT

Temp	KV
+20 °C	50 J

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

All weld metal

Auxiliary:

C	0.03%
Si	0.75%
Mn	0.8%
P	0.014%
S	0.011%
Cr	23.6%
Ni	12.1%
Mo	0.04%
Cu	0.06%
FN WRC-92	18

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: 2011-05-03

Certificate number: **EC21969320 rev. 0**

Our order: 15487926
Our reference: Hamelink Jessyca
Customer number: 30077244
Customer order date: 20110502

Your order: 20030967096
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 HEERENVEEN
Lidnr. 403
KUPER 4
8447 GK HEERENVEEN
Netherlands

DELIVERY

Lot number: SB043099

Quantity: 138 EA

PRODUCT

Brand: ESAB
Description: OK 67.60 3.2x350mm 1/2 VP
Item number: 67603230T0

CLASSIFICATIONS

EN 1600 E 23 12 L R 3 2
SFA/AWS A5.4 E309L-17
CSA W48 E309L-17
Werkstoffnummer 1.4332

MECHANICAL PROPERTIES

Typical data
acc to EN 10204 - 2.2

Standard:
Auxiliary:
Condition:

TENSILE

<u>Rp0.2</u>	<u>Rm</u>	<u>A5</u>
470 MPa	580 MPa	32 %

IMPACT

<u>Temp</u>	<u>KV</u>
+20 °C	50 J

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

All weld metal

Auxiliary:

C	0.03%
Si	0.76%
Mn	0.8%
P	0.014%
S	0.007%
Cr	24.1%
Ni	12.6%
Mo	0.11%
Cu	0.08%
FN WRC-92	15

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