



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

Date: 2012-03-29

Certificate number: EC22388123 rev. 0

Our order: 15557152
Our reference: Westerman Jolanda
Customer number: 30077244
Customer order date: 20120323

Your order: 20031036896
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: SB144117

Quantity: 306 EA

PRODUCT

Brand: ESAB
Description: OK 63.30 2.0x300mm 1/4 VP
Item number: 63302020LO

CLASSIFICATIONS

EN 1600 E 19 12 3 LR 1 2
SFA/AWS A5.4 E316L-17
CSA W48 E316L-17
Werkstoffnummer 1.4430

MECHANICAL PROPERTIES

Typical data
acc to EN 10204 - 2.2

Standard:
Auxiliary:
Condition:

TENSILE

<u>R_m0.2</u>	<u>R_m</u>	<u>A5</u>
460 MPa	570 MPa	40 %

IMPACT

<u>Temp</u>	<u>KV</u>
+20 °C	60 J
-20 °C	55 J

COMMENTS

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

All weld metal

Auxiliary:

C	0.02%
Si	0.73%
Mn	0.6%
P	0.018%
S	0.013%
Cr	18.1%
Ni	11.6%
Mo	2.8%
Cu	0.10%
FN WRC-92	4

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

Ellen Björgran

Quality Manager

Validation - Others

Tapio Huhtala

Product Manager



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

Date: 2011-10-31

Certificate number: EC22197647 rev. 0

Our order: 15533832
Our reference: Westerman Jolanda
Customer number: 30077244
Customer order date: 20111021

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

Invoice address
ZEVIJ B.V. LASAULEC CENTRAAL HVEEN
Licht. 400
POSTBUS 447
4800 AK COSTERHOUT
Netherlands

Receiver of certificate

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

DELIVERY

Lot number: SB131405

Quantity: 306 EA

PRODUCT

Brand: ESAB
Description: CK 63.30 20x300mm 1/4 VP
Item number: 63302020LO

CLASSIFICATIONS

EN 1600: E 19 123 LR 12
SFA/AWS A5.4: E316L-17
CSA W48: E316L-17
Verkstoffsnummer: 1.4430

MECHANICAL PROPERTIES

Typical data
acc to EN 10204 - 2.2

Standard:
Auxiliary:
Condition:

TENSILE

R _{0.2}	R _m	A ₅
460 MPa	570 MPa	40 %

IMPACT

Temp	KV
+20 °C	60 J
-20 °C	55 J

COMMENTS

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

All weld metal

Auxiliary:

C	0.02%
Si	0.76%
Mn	0.7%
P	0.020%
S	0.013%
Cr	18.6%
N	11.4%
Mo	2.7%
Cu	0.10%
FN WRC-92	7

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