



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

Date: 2013-04-23

Certificate number: **EC22911702 rev. 0**

Our order: 594307
Our reference: Nicole Javaux France
Customer number: NLB00152
Customer order date: 20130418

Your order: **20031120281**
Your reference:
Your fax number:
Your e-mail:

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

Receiver of certificate

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

DELIVERY

Lot number: SB250031

Quantity: 141

PRODUCT

Brand: ESAB
Description: OK 67.70 3.2x350mm 1/2 VP
Item number: **67703230T0**

CLASSIFICATIONS

EN ISO 3581-A E 23 12 2 L R 3 2
SFA/AWS A5.4 E309LMo-17
CSA W48 E309LMo-17
Werkstoffnummer 1.4459

MECHANICAL PROPERTIES

Typical data
acc to EN 10204 - 2.2

Standard:
Auxiliary:
Condition:

TENSILE

<u>Rp0.2</u>	<u>Rm</u>	<u>A5</u>
510 MPa	620 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	0.82%
Mn	0.7%
P	0.018%
S	0.013%
Cr	23.1%
Ni	13.5%
Mo	2.8%
Cu	0.11%
FN WRC-92	20

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

Ellen Björgran

Quality Manager

Validation - Others

Tapio Huhtala

Product Manager