



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

Date: 2011-03-17

Certificate number: **EC21916831 rev. 0**

Our order: 15472040
Our reference: Westerman Jolanda
Customer number: 30077244
Customer order date: 20110316

Your order: **20030956864**
Your reference:
Your fax number:
Your e-mail:

Invoice number

ZEVL B.V. LASAULEC CENTRAAL HVEEN
Lidnr. 400
PO Box 1
4900 AK OOSTERHOUT
Netherlands

Receiver of certificate

Delivery address

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

DELIVERY

Lot number: ZG0391006

Quantity: 3024 KG

PRODUCT

Brand: ESAB
Description: OK AristoRod 12.50 1.0mm 18kg
Item number: **1A50106710**

CLASSIFICATIONS

EN ISO 14341-A G 38 2 C G3Si1
EN ISO 14341-A G 42 4 M G3Si1
EN ISO 14341-A G3Si1
SFA/AWS A5.18 ER70S-6
CAN/CSA-ISO 14341 B-G 49A 3 C G6
JIS Z 3312 G49A0C12 (valid for items ending with
JIS Z 3312 YGW 12 (C1), JQCN09005 (valid for

MECHANICAL PROPERTIES

Typical data
acc to EN 10204 - 2.2

Standard: EN
Auxiliary: M21
Condition:

TENSILE

<u>Rel</u>	<u>Rm</u>	<u>A4-A5</u>
470 MPa	560 MPa	26 %

IMPACT

<u>Temp</u>	<u>KV</u>
-30 °C	70 J
-40 °C	60 J

COMMENTS

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

Wire/strip

Auxiliary:

C	0.08%
Si	0.87%
Mn	1.48%
P	0.009%
S	0.011%
Cr	0.02%
Ni	0.02%
Mo	0.02%
Cu	0.01%
V	< 0.01%
Al	< 0.001%
Ti+Zr	0.01%

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

Eric Ding Quality Manager

Validation - Others

Per-Erik Andersson

Product Manager