



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

Date: 2013-06-05

Certificate number: **EC22976369 rev. 0**

Our order: 619807
Our reference: Mariette Villieu
Customer number: NLB00152
Customer order date: 20130530

Your order: **20031128344**
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: PV321055439B

Quantity: 13

PRODUCT

Brand: ESAB
Description: OK AristoRod 12.50 1.0mm 18kg
Item number: **1A50106910**

CLASSIFICATIONS

EN ISO 14341-A G 3Si1
EN ISO 14341-A G 38 3 C1 3Si1
EN ISO 14341-A G 42 4 M21 3Si1
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), (items ending with H)

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

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

Wire/strip

Auxiliary:

C	0.08%
Si	0.89%
Mn	1.46%
P	0.010%
S	0.010%
Cr	0.05%
Ni	0.01%
Mo	< 0.01%
Cu	0.03%
V	< 0.01%
Al	0.002%
Ti+Zr	0.01%

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

Milan Macek

Quality Manager

Validation - Others

Per-Erik Andersson

Product Manager