



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

Date: 2013-10-22

Certificate number: EC23181392 rev. 0

Our order: 707042
Our reference: Nicole Javaux France
Customer number: NLB00152
Customer order date: 20131017

Your order: 20031155381
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: PV335054609B

Quantity: 21

PRODUCT

Brand: ESAB
Description: OK AristRod 13.09 1.2mm 18kg
Item number: 1B09126910

CLASSIFICATIONS

EN ISO 14341-A G 2Mo
EN ISO 14341-A G 38 0 C1 2Mo
EN ISO 14341-A G 46 2 M21 2Mo
EN ISO 21952-A G MoSi
EN ISO 21952-B G 1M3
SFA/AWS A5.28 ER80S-G

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>
515 MPa	610 MPa	26 %

IMPACT

<u>Temp</u>	<u>KV</u>
-20 °C	100 J

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

Wire/strip

Auxiliary:

C	0.09%
Si	0.51%
Mn	0.98%
P	0.015%
S	0.018%
Cr	0.04%
Ni	0.02%
Mo	0.40%
Cu	0.04%
V	< 0.01%
Al	< 0.01%
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