



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

Date: 2011-11-04

Certificate number: EC22204314 rev. 0

Our order: 15530490
Our reference: Line Cambien
Customer number: 30077244
Customer order date: 20110930

Your order: 20030998156
Your reference:
Your fax number:
Your e-mail:

Invoice address
ZEMJ 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 HEEERENVEEN
Netherlands

DELIVERY

Lot number: FT137116194

Quantity: 3024 KG

PRODUCT

Brand: ESAB
Description: CK Autrod 12.56 1.0mm 18kg
Item number: 1256107710

CLASSIFICATIONS

EN ISO 14341-A G3S1
EN ISO 14341-A G38 2 C1 3S1
EN ISO 14341-A G42 3 M21 3S1

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>
440 MPa	530 MPa	26 %

IMPACT

<u>Temp</u>	<u>KV</u>
-30 °C	70 J

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

Wire/strip

Auxiliary:

C	0.07%
Si	0.94%
Mn	1.47%
P	0.012%
S	0.006%
Cr	0.04%
N	0.04%
Mo	0.01%
Cu	0.19%
V	<0.01%
Al	0.01%
Ti+Zr	0.02%

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

Massimo Cherardi

Quality Assurance Manager

Validation - Others

Per-Erik Andersson

Product Manager