



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

Date: 2011-03-02

Certificate number: **EC21898534 rev. 0**

Our order: 15467310
Our reference: Westerman Jolanda
Customer number: 30077244
Customer order date: 20110301

Your order: 20030953168
Your reference:
Your fax number:
Your e-mail:

Invoice address

ZEVIJ B.V. LASAULEC CENTRAAL HVEEN
Lidnr. 400
POSTBUS 447
4900 AK OOSTERHOUT
Netherlands

Receiver of certificate

Delivery address

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

DELIVERY

Lot number: PN021095

Quantity: 32 KG

PRODUCT

Brand: ESAB
Description: OK Tubrod 14.13 1.6mm 16kg
Item number: 1413167730

CLASSIFICATIONS

SFA/AWS A5.18 E70C-6M
EN ISO 17632-A T 42 2 M M 2 H5

MECHANICAL PROPERTIES

Typical data
acc to EN 10204 - 2.2

Standard: EN
Auxiliary: M21 (EN439)
Condition: As welded

TENSILE

<u>ReL</u>	<u>Rm</u>	<u>A4-A5</u>
503 MPa	611 MPa	26 %

IMPACT

<u>Temp</u>	<u>KV</u>
-20 °C	106 J

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

All weld metal

Auxiliary: M21 (EN439)

C	0.084%
Si	0.64%
Mn	1.56%
P	0.013%
S	0.022%
Cr	0.03%
Ni	0.04%
Mo	0.02%
Nb	< 0.01%
Cu	0.04%
V	< 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

Dariusz Kijowski

Quality Assurance Manager

Validation - Others

Shaun Studholme

Product Manager