



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

Date: 2011-04-01

Certificate number: EC21935641 rev. 0

Our order: 15477708
Our reference: Westerman Jolanda
Customer number: 30077244
Customer order date: 20110401

Your order: 20030960458
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: PN103074

Quantity: 896 KG

PRODUCT

Brand: ESAB
Description: OK Tubrod 15.00 1.2mm 16kg
Item number: 1500127630

CLASSIFICATIONS

SFA/AWS A5.20 E71T-5C H4
SFA/AWS A5.20 E71T-5M H4
EN ISO 17632-A T 42 3 B C 2 H5
EN ISO 17632-A T 42 3 B 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>A5</u>
456 MPa	569 MPa	28 %

IMPACT

<u>Temp</u>	<u>KV</u>
-20 °C	145 J
-30 °C	129 J

COMMENTS

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

All weld metal

Auxiliary: M21 (EN439)

C	0.08%
Si	0.76%
Mn	1.50%
P	0.012%
S	0.008%
Cr	0.02%
Ni	0.04%
Mo	< 0.01%
Cu	0.03%
V	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

Dariusz Kijowski

Quality Assurance Manager

Validation - Others

Shaun Studholme

Product Manager