



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

Date: 2013-09-06

Certificate number: **EC23106606 rev. 0**

Our order: 675866
Our reference: Celine Roques France
Customer number: NLB00034
Customer order date: 20130904

Your order: **20031132274**
Your reference:
Your fax number:
Your e-mail:

Invoice address
ZEVIJ BV LASAULEC CENTRAAL HVEEN
POSTBUS 447
4900 AK OOSTERHOUT

Receiver of certificate

Delivery address
LASAULEC GRONINGEN
Lidhr. 406
BORNHOLMSTRAAT 10
9723 AX GRONINGEN

DELIVERY

Lot number: PN320015

Quantity: 2700

PRODUCT

Brand: ESAB
Description: OK Tubrod 15.14 1.2mm 4x5kg
Item number: **1514125600**

CLASSIFICATIONS

SFA/AWS A5.20	E71T-1C
SFA/AWS A5.20	E71T-1M
EN ISO 17632-A	T 46 2 P C 1 H5
EN ISO 17632-A	T 46 2 P M 2 H5

MECHANICAL PROPERTIES

Typical data acc to EN 10204 - 2.2

Standard: EN ISO
Auxiliary: C1 (EN ISO 14175)
Condition: As welded

TENSILE

<u>ReL</u>	<u>Rm</u>	<u>A5</u>
497 MPa	588 MPa	27 J

IMPACT

<u>Temp</u>	<u>KV</u>
-20 °C	110 J

CHEMICAL COMPOSITION

Actual results acc to EN 10204 - 3.1

All weld metal

Auxiliary: C1 (EN ISO 14175)

C	0.053%
Si	0.54%
Mn	1.27%
P	0.015%
S	0.021%
Cr	0.02%
Ni	0.04%
Mo	0.03%
Nb	0.02%
Cu	0.07%
V	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

Dariusz Kijowski

Quality Assurance Manager

Validation - Others

Shaun Studholme

Product Manager