



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

Date: 2013-08-26

Certificate number: EC23089014 rev. 0

Our order: 658969
Our reference: Nicole Javaux France
Customer number: NLB00152
Customer order date: 20130801

Your order: 20031140543
Your reference:
Your fax number:
Your e-mail:

Invoice address
ZEVIJ B.V. LASAULEC CENTRAAL HVEEN
POSTBUS 447
4800 AK OOSTERHOUT

Receiver of certificate

Delivery address
975 Lasaulec ADC
Kuper 2
8447 GK Heerenveen

DELIVERY

Lot number: SB327011

Quantity: 588

PRODUCT

Brand: ESAB
Description: OK 76.18 3.2x350mm 1/2 VP
Item number: 76183230G0

CLASSIFICATIONS

SFA/AWS A5.5 E8018-B2
EN ISO 3580-A E CrMo1 B4 2 H5

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

All weld metal

Auxiliary:

C	0.05%
Si	0.48%
Mn	0.71%
P	0.014%
S	0.006%
Cr	1.39%
N	<0.1%
Mo	0.62%
Nb	<0.01%
Cu	<0.1%
V	0.01%

MECHANICAL PROPERTIES

Typical data
acc to EN 10204 - 2.2

Standard:
Auxiliary:
Condition: PM-HT 690 °C 1 h

TENSILE

<u>R_{p0.2}</u>	<u>R_m</u>	<u>A4-A5</u>
530 MPa	620 MPa	20 %

IMPACT

<u>Temp</u>	<u>KV</u>
-20 °C	80 J
-40 °C	50 J

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

Ellen Björger

Quality Manager

Validation - Others

Tony Dray

Product Manager