



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

Date: 2016-11-22

Certificate number: EC24536103 rev. 0

Our order:

Your order:

Our reference:

Your reference:

Customer number: NA

Your fax number:

Customer order date:

Your e-mail:

Invoice address

Receiver of certificate

Delivery address

NA

DELIVERY

Lot number:

PLQ45014

Quantity:

**PRODUCT**

Brand: ESAB  
Description: OK 48.04 4.0x400mm  
Item number: 480440HNR0

**CHEMICAL COMPOSITION**

**Actual results, acc to EN 10204 - 3.1**

All weld metal

Auxiliary:

C	0.05%
Si	0.34%
Mn	1.12%
P	0.013%
S	0.011%
Cr	< 0.1%
Ni	< 0.1%
Mo	< 0.1%
Nb	< 0.01%
Cu	0.03
V	0.01%

**CLASSIFICATIONS**

SFA/AWS A5.1: E7018  
EN ISO 2560-A: E 42 4 B 32 H5

**MECHANICAL PROPERTIES**

**Typical data, acc to EN 10204 - 2.2**

Standard:

Auxiliary:

Condition:

**TENSILE**

ReL	Rm	A5
480 MPa	560 MPa	28 %

**IMPACT**

<u>Temp</u>	-30 °C	-40 °C
<u>KV</u>	110 J	100 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:

PT Esabindo Pratama: Pulogadung, Indonesia; Tel : 62-21 460 0188; Fax : 62-21 461 2926

Validation - Chemical Analysis

Shahamudin Ismail

Quality Assurance Manager

Validation - Others

J-P Errault

Product Manager