



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

Date: 2015-11-18

Certificate number: **EC24109371 rev. 0**

Our order:
Our reference: 1050159
Customer number: NLB00033
Customer order date:

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

Invoice address

ZEVIJ BV LASAULEC CENTRAAL HVEEN
ZEVEIJ BV LASAULEC Centraal HVEEN
Postbus447
4900 AK Oosterhout
Netherlands

Receiver of certificate

Delivery address

LASAULEC Heerenveen
Lidnr. 403
Kuper 4
8447 GK Heerenveen

DELIVERY

Lot number: B811C4H500

Quantity: KG

PRODUCT

Brand: ESAB
Description: Shield-Bright 309L X-tra 1.2mm
Item number: **35CX12982V**

CLASSIFICATIONS

SFA/AWS A5.22	E309LT0-1
SFA/AWS A5.22	E309LT0-4
JIS Z 3323	TS309L-FB0 - KR
KS D 3612	YF 309LC - KR
EN ISO 17633-A	T 23 12 L R C1 3
EN ISO 17633-A	T 23 12 L R M21 3

MECHANICAL PROPERTIES

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

Standard:

Auxiliary:

Condition:

TENSILE

<u>Rp0.2</u>	<u>Rm</u>	<u>A5</u>
480 MPa	600 MPa	35 %

IMPACT

<u>Temp</u>	<u>KV</u>
+20 °C	40 J
-110 °C	32 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

CHEMICAL COMPOSITION

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

All weld metal

Auxiliary:

C	0.03%
Si	0.8%
Mn	1.3%
P	0.02%
S	0.01%
Cr	24.1%
Ni	12.7%
Mo	0.1%
Cu	0.1%

Validation - Chemical Analysis

Y.S Kim

Quality Manager

Validation - Others

Neil Farrow

Product Manager