



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

Date: 2011-04-29

Certificate number: EC21967541 rev. 0

Our order: 15487363
Our reference: Westerman Jolanda
Customer number: 30077244
Customer order date: 20110429

Your order: 20030966596
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: RB1108105

Quantity: 25 KG

PRODUCT

Brand: ESAB
Description: OK Tigrod 5356 2.0x1000mm 2.5kg
Item number: 181520R120

CLASSIFICATIONS

SFA/AWS A5.10 R5356
EN ISO 18273 S Al 5356 (AlMg5Cr(A))

MECHANICAL PROPERTIES

Typical data
acc to EN 10204 - 2.2

Standard:
Auxiliary:
Condition:

TENSILE

<u>Rp0.2</u>	<u>Rm</u>	<u>A4-A5</u>
120 MPa	265 MPa	26 %

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

Wire/strip

Auxiliary:

Si	0.04%
Mn	0.13%
Cr	0.06%
Cu	< 0.01%
Ti	0.07%
Al	94.0%
Fe	0.09%
Mg	4.9%
Zn	< 0.01%

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

William Hamilton

Quality Assurance Manager

Validation - Others

Jerry Mirgain

Product Manager



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

Date: 2012-02-07

Certificate number: EC22317685 rev. 0

Our order: 15549799
Our reference: Westerman Jolanda
Customer number: 30077244
Customer order date: 20120207

Your order: 20031025253
Your reference:
Your fax number:
Your e-mail:

Invoice address
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KUPER 2
8447 GK HEERENVEEN
Netherlands

DELIVERY

Lot number: RB1145094

Quantity: 20 KG

PRODUCT

Brand: ESAB
Description: OK Tigrod 5356 2.0x1000mm 2.5kg
Item number: 181520R120

CLASSIFICATIONS

SFA/AWS A5.10 R5356
EN ISO 18273 S Al 5356 (AlMg5Cr(A))

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

Wire/strip

Auxiliary:

Si	0.04%
Mn	0.14%
Cr	0.06%
Cu	< 0.01%
Ti	0.06%
Al	94.0%
Fe	0.09%
Mg	5.0%
Zn	< 0.01%

MECHANICAL PROPERTIES

Typical data
acc to EN 10204 - 2.2

Standard:
Auxiliary:
Condition:

TENSILE

<u>Rp0.2</u>	<u>Rm</u>	<u>A4-A5</u>
120 MPa	265 MPa	26 %

COMMENTS

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Validation - Chemical Analysis

William Hamilton

Quality Assurance Manager

Validation - Others

Jerry Mirgain

Product Manager



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

Date: 2012-03-23

Certificate number: EC22380387 rev. 0

Our order: 15557152
Our reference: Westerman Jolanda
Customer number: 30077244
Customer order date: 20120323

Your order: 20031036896
Your reference:
Your fax number:
Your e-mail:

Invoice address
ZEVIJ B.V. LASAULEC CENTRAAL HVEEN
Lidhr. 400
POSTBUS 447
4900 AK OOSTERHOUT
Netherlands

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Delivery address
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Lidhr. 400
KUPER 2
8447 GK HEERENVEEN
Netherlands

DELIVERY

Lot number: RB1150142

Quantity: 25 KG

PRODUCT

Brand: ESAB
Description: OK Tigrod 5356 2.0x1000mm 2.5kg
Item number: 181520R120

CLASSIFICATIONS

SFA/AWS A5.10 R5356
EN ISO 18273 S Al 5356 (AlMg5Cr(A))

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

Wire/strip

Auxiliary:

Si	0.04%
Mn	0.15%
Cr	0.08%
Cu	< 0.01%
Ti	0.07%
Al	94.0%
Fe	0.11%
Mg	5.0%
Zn	< 0.01%

MECHANICAL PROPERTIES

Typical data
acc to EN 10204 - 2.2

Standard:
Auxiliary:
Condition:

TENSILE

<u>Rp0.2</u>	<u>Rm</u>	<u>A4-A5</u>
120 MPa	265 MPa	26 %

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William Hamilton

Quality Assurance Manager

Validation - Others

Jerry Mirgain

Product Manager



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

Date: 2012-02-07

Certificate number: EC22317683 rev. 0

Our order: 15549799
Our reference: Westerman Jolanda
Customer number: 30077244
Customer order date: 20120207

Your order: 20031025253
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: RB1143182

Quantity: 5 KG

PRODUCT

Brand: ESAB
Description: OK Tigrod 5356 2.0x1000mm 2.5kg
Item number: 181520R120

CLASSIFICATIONS

SFA/AWS A5.10 R5356
EN ISO 18273 S Al 5356 (AlMg5Cr(A))

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

Wire/strip

Auxiliary:

Si	0.04%
Mn	0.14%
Cr	0.06%
Cu	< 0.01%
Ti	0.07%
Al	94.0%
Fe	0.10%
Mg	5.1%
Zn	< 0.01%

MECHANICAL PROPERTIES

Typical data
acc to EN 10204 - 2.2

Standard:
Auxiliary:
Condition:

TENSILE

<u>Rp0.2</u>	<u>Rm</u>	<u>A4-A5</u>
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Validation - Chemical Analysis

William Hamilton

Quality Assurance Manager

Validation - Others

Jerry Mirgain

Product Manager



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Date: 2012-02-07

Certificate number: EC22317683 rev. 0

Our order: 15549799
Our reference: Westerman Jolanda
Customer number: 30077244
Customer order date: 20120207

Your order: 20031025253
Your reference:
Your fax number:
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