



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

Date: 2012-03-05

Certificate number: EC22352991 rev. 0

Our order: 15553882
Our reference: Westerman Jolanda
Customer number: 30077244
Customer order date: 20120302

Your order: 20031031895
Your reference:
Your fax number:
Your e-mail:

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

Receiver of certificate

Delivery address
LASAULEC CENTRAAL B.V.
Lidhr. 400
KUPER 2
8447 GK HEERENVEEN
Netherlands

DELIVERY

Lot number: RB1145096

Quantity: 25 KG

PRODUCT

Brand: ESAB
Description: OK Tigrod 5356 3.2x1000mm 2.5kg
Item number: 181532R120

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	0.11%
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 %

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: 2011-07-29

Certificate number: EC22079341 rev. 0

Our order: 15521639
Our reference: Westerman Jolanda
Customer number: 30077244
Customer order date: 20110729

Your order: 20030986241
Your reference:
Your fax number:
Your e-mail:

Invoice address
ZEVJ B.V. LASAULEC CENTRAAL HVEEN
Lidh: 400
POSTBUS 447
4800 AK OOSTERHOUT
Netherlands

Receiver of certificate

Delivery address
LASAULEC CENTRAAL B.V.
Lidh: 400
KUPER 2
8447 GK HEEFENVEEN
Netherlands

DELIVERY

Lot number: FB1045112

Quantity: 50 KG

PRODUCT

Brand: ESAB
Description: CK Tigrod 5356 3.2x1000mm2.5kg
Item number: 181532R120

CLASSIFICATIONS

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

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

Wire/strip

Auxiliary:

Si	0.05%
Mn	0.14%
Cr	0.05%
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 %

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: 2012-03-30

Certificate number: EC22390241 rev. 0

Our order: 15558195
Our reference: Westerman Jolanda
Customer number: 30077244
Customer order date: 20120330

Your order: 20031038455
Your reference:
Your fax number:
Your e-mail:

Invoice address
ZEVU B.V. LASAULEC CENTRAAL HVEEN
Lidh. 400
POSTBUS 447
4900 AK OOSTERHOUT
Netherlands

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Delivery address
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Lidh. 400
KUPER 2
8447 GK HEERENVEEN
Netherlands

DELIVERY

Lot number: RB1150139

Quantity: 25 KG

PRODUCT

Brand: ESAB
Description: OK Tigrod 5356 3.2x1000mm2.5kg
Item number: 181532R120

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	0.16%
Cr	0.06%
Cu	< 0.01%
Ti	0.07%
Al	94.0%
Fe	0.10%
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: 2011-12-13

Certificate number: EC22252516 rev. 0

Our order: 15541901
Our reference: Rutger VISSER
Customer number: 30077244
Customer order date: 20111213

Your order: 20031014172
Your reference:
Your fax number:
Your e-mail:

Invoice address

ZEVIJ B.V. LASAULEC CENTRAAL HVEEN
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POSTBUS 447
4900 AK OOSTERHOUT
Netherlands

Receiver of certificate

Delivery address

LASAULEC CENTRAAL B.V.
Lidhr. 400
KUPER 2
8447 GK HEERENVEEN
Netherlands

DELIVERY

Lot number: RB1136122

Quantity: 25 KG

PRODUCT

Brand: ESAB
Description: OK Tigrod 5356 3.2x1000mm 2.5kg
Item number: 181532R120

CLASSIFICATIONS

SFA/AWS A5.10 R5356
EN ISO 18273 S AI 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 0.10%
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>
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: 2011-04-29

Certificate number: EC21967542 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: RB1042132

Quantity: 50 KG

PRODUCT

Brand: ESAB
Description: OK Tigrod 5356 3.2x1000mm 2.5kg
Item number: 181532R120

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	0.05%
Mn	0.15%
Cr	0.06%
Cu	< 0.01%
Ti	0.07%
Al	94.0%
Fe	0.10%
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

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: 2011-05-20

Certificate number: EC21992195 rev. 0

Our order: 15495881
Our reference: Westerman Jolanda
Customer number: 30077244
Customer order date: 20110520

Your order: 20030971268
Your reference:
Your fax number:
Your e-mail:

Invoice address

ZEVIJ B.V. LASAULEC CENTRAAL HVEEN
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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: RB1041030

Quantity: 50 KG

PRODUCT

Brand: ESAB
Description: OK Tigrod 5356 3.2x1000mm 2.5kg
Item number: 181532R120

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	0.07%
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 %

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: EC22317686 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: RB1148135

Quantity: 25 KG

PRODUCT

Brand: ESAB
Description: OK Tigrod 5356 3.2x1000mm 2.5kg
Item number: 181532R120

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	0.08%
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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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: 2011-11-21

Certificate number: EC22224567 rev. 0

Our order: 15538217
Our reference: De Witte Inge
Customer number: 30077244
Customer order date: 20111121

Your order: 20031009479
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: RB1048047

Quantity: 25 KG

PRODUCT

Brand: ESAB
Description: OK Tigrod 5356 3.2x1000mm 2.5kg
Item number: 181532R120

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	0.05%
Cu	< 0.01%
Ti	0.07%
Al	94.0%
Fe	0.12%
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>
120 MPa	265 MPa	26 %

COMMENTS

Product supplied under a QA Programme fulfilling the EN ISO 9001 standard.

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Validation - Chemical Analysis

William Hamilton

Quality Assurance Manager

Validation - Others

Jerry Mirgain

Product Manager