

|                                                                                                        |                                                          |                                                                                                                             |                                                   |
|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| Tilaaja Purchaser<br>KONTINO OY AB<br>PL 27<br>01301 VANTAA FINLAND<br>Tilaus nro Order No.<br>1110361 | Tilausvahvistus Order Confirmation<br>75171C<br>Shipping | Vastaanottaja Consignee<br>OY KONTINO AB<br>HAKINTIE 6<br>01380 VANTAA FINLAND<br>Asiakkaan merkki Shipping mark<br>1110361 | Paivamaara Date<br>23.03.2017                     |
| Tilaus Certificate<br>31                                                                               |                                                          | Laatu-merkintä Quality Marking<br>DOMEX 355MCD                                                                              | Valmistajan leima<br>Stamp of Manufacturer<br>Mxx |

|                                               |                                                               |                                                                                                                         |
|-----------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Toimitustyyppi Delivery type<br>REST DELIVERY | Sulatus nro levy nro Cast No. Plate No.<br>XXXXX XXXX XXX XXX | Tarkastajan leima<br>Stamp of Inspector<br>Vastaanottajan leima<br>Stamp of Surveyor<br>Muut leimaukset<br>Other Stamps |
|-----------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                 |                                                                     |                                                                                                           |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--|
| Tuote Product<br>CUT LENGTHS<br>Laji Grade<br>SSAB DOMEX 355MC D<br>Laatuselvitys Quality Specifications<br>HSF FINE GRAIN STEEL, MEETS REQ.OF EN10149-2 S355MC | Toleranssit Tolerances<br>SSAB TOLERANCE EN10051, THICKN. 2/3 CAT B | Tekniset vaatimukset jallai viralliset määräykset Technical terms of Delivery and/or Official Regulations |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--|

|                                                    |                        |              |         |                    |                                |              |       |       |
|----------------------------------------------------|------------------------|--------------|---------|--------------------|--------------------------------|--------------|-------|-------|
| Positio Item                                       | Mitat mm Dimensions mm | Merkki Marke | Kpl Pcs | Paino kg Weight kg | Sulatus levy nro Cast plate No | SP nro SP No | UT UT | MT MT |
| HOT ROLLED STEEL IN BUNDLES CUT LENGTHS MILL EDGES |                        |              |         |                    |                                |              |       |       |
| TOLERANCES WIDTH +20.0 -0.0 LENGTH +3.0 -0.0       |                        |              |         |                    |                                |              |       |       |
| SI MAX 0.03%, IMPACT TEST AT -20 DEG.C MIN 40J     |                        |              |         |                    |                                |              |       |       |
| DEAD FLAT PROCESSED                                |                        |              |         |                    |                                |              |       |       |
| 110                                                | 15.00 X 1500           | X            | 3000    | XD355158           |                                |              |       |       |
| 110                                                | 15.00 X 1500           | X            | 3000    |                    |                                |              |       |       |

|     |              |   |      |          |  |  |  |  |
|-----|--------------|---|------|----------|--|--|--|--|
| 110 | 15.00 X 1500 | X | 3000 | XD355158 |  |  |  |  |
| 110 | 15.00 X 1500 | X | 3000 |          |  |  |  |  |

|     |              |   |      |          |  |  |  |  |
|-----|--------------|---|------|----------|--|--|--|--|
| 110 | 15.00 X 1500 | X | 3000 | XD355158 |  |  |  |  |
| 110 | 15.00 X 1500 | X | 3000 |          |  |  |  |  |

|     |              |   |      |          |  |  |  |  |
|-----|--------------|---|------|----------|--|--|--|--|
| 110 | 15.00 X 1500 | X | 3000 | XD355158 |  |  |  |  |
| 110 | 15.00 X 1500 | X | 3000 |          |  |  |  |  |

|     |              |   |      |          |  |  |  |  |
|-----|--------------|---|------|----------|--|--|--|--|
| 110 | 15.00 X 1500 | X | 3000 | XD355158 |  |  |  |  |
| 110 | 15.00 X 1500 | X | 3000 |          |  |  |  |  |

|     |              |   |      |          |  |  |  |  |
|-----|--------------|---|------|----------|--|--|--|--|
| 110 | 15.00 X 1500 | X | 3000 | XD355158 |  |  |  |  |
| 110 | 15.00 X 1500 | X | 3000 |          |  |  |  |  |

|     |              |   |      |          |  |  |  |  |
|-----|--------------|---|------|----------|--|--|--|--|
| 110 | 15.00 X 1500 | X | 3000 | XD355158 |  |  |  |  |
| 110 | 15.00 X 1500 | X | 3000 |          |  |  |  |  |

|     |              |   |      |          |  |  |  |  |
|-----|--------------|---|------|----------|--|--|--|--|
| 110 | 15.00 X 1500 | X | 3000 | XD355158 |  |  |  |  |
| 110 | 15.00 X 1500 | X | 3000 |          |  |  |  |  |

|     |              |   |      |          |  |  |  |  |
|-----|--------------|---|------|----------|--|--|--|--|
| 110 | 15.00 X 1500 | X | 3000 | XD355158 |  |  |  |  |
| 110 | 15.00 X 1500 | X | 3000 |          |  |  |  |  |

|     |              |   |      |          |  |  |  |  |
|-----|--------------|---|------|----------|--|--|--|--|
| 110 | 15.00 X 1500 | X | 3000 | XD355158 |  |  |  |  |
| 110 | 15.00 X 1500 | X | 3000 |          |  |  |  |  |

|     |              |   |      |          |  |  |  |  |
|-----|--------------|---|------|----------|--|--|--|--|
| 110 | 15.00 X 1500 | X | 3000 | XD355158 |  |  |  |  |
| 110 | 15.00 X 1500 | X | 3000 |          |  |  |  |  |

|     |              |   |      |          |  |  |  |  |
|-----|--------------|---|------|----------|--|--|--|--|
| 110 | 15.00 X 1500 | X | 3000 | XD355158 |  |  |  |  |
| 110 | 15.00 X 1500 | X | 3000 |          |  |  |  |  |

|     |              |   |      |          |  |  |  |  |
|-----|--------------|---|------|----------|--|--|--|--|
| 110 | 15.00 X 1500 | X | 3000 | XD355158 |  |  |  |  |
| 110 | 15.00 X 1500 | X | 3000 |          |  |  |  |  |

|     |              |   |      |          |  |  |  |  |
|-----|--------------|---|------|----------|--|--|--|--|
| 110 | 15.00 X 1500 | X | 3000 | XD355158 |  |  |  |  |
| 110 | 15.00 X 1500 | X | 3000 |          |  |  |  |  |

|     |              |   |      |          |  |  |  |  |
|-----|--------------|---|------|----------|--|--|--|--|
| 110 | 15.00 X 1500 | X | 3000 | XD355158 |  |  |  |  |
| 110 | 15.00 X 1500 | X | 3000 |          |  |  |  |  |

|     |              |   |      |          |  |  |  |  |
|-----|--------------|---|------|----------|--|--|--|--|
| 110 | 15.00 X 1500 | X | 3000 | XD355158 |  |  |  |  |
| 110 | 15.00 X 1500 | X | 3000 |          |  |  |  |  |

|     |              |   |      |          |  |  |  |  |
|-----|--------------|---|------|----------|--|--|--|--|
| 110 | 15.00 X 1500 | X | 3000 | XD355158 |  |  |  |  |
| 110 | 15.00 X 1500 | X | 3000 |          |  |  |  |  |

|     |              |   |      |          |  |  |  |  |
|-----|--------------|---|------|----------|--|--|--|--|
| 110 | 15.00 X 1500 | X | 3000 | XD355158 |  |  |  |  |
| 110 | 15.00 X 1500 | X | 3000 |          |  |  |  |  |

Raabe Steel Works

Testaus ja tarkastus Testing and Inspection

Minna Valkama

MINNA VALKAMA

Valtuutettu tarkastaja Authorized inspection representative

Yhteyshenkilön nimi Company Name: SSAB Europe Oy

Käsitteilytoimiston osoite Office: HAMMENLINNA

Osoite Address: PL 93, P.O. Box 93

FIN-00010 HELSINKI FIN-00010

Puhelin Telephone: 020 5011

+358 90 5011

Telekopio Telefax: 020 592 2736

+358 90 592 2736

Y-lunnus Business ID: 2389445-7

Tämän todistuksen, että toimitus on tilausvahvistuksen mukainen.  
We hereby certify that the material described above has been tested and complies with the terms of the order confirmation.

Tilaja Purchaser  
KONTINO OY AB  
PL 27  
01301 VANTAA FINLAND  
Tilaus nro Order No.  
1110361

Vastaanottaja Consignee  
OY KONTINO AB  
HAKINTIE 6  
01380 VANTAA FINLAND  
Asiakkaan merkki Shipping mark  
1110361

Päivämäärä Date  
23.03.2017  
Valmistajan merkki  
Mark of the Manufacturer



Lehti Grade

SSAB DOMEX 355MC D

Laatuvaatimukset Quality Specifications

HSF FINE GRAIN STEEL, MEETS REQ.OF EN10149-2 S355MC

Lisävaatimukset Additional requirements

Jatkuvaletua happiterasia  
Oxygen steel, continuous casting  
Fully killed, Fine grain practiced

| Pos.<br>Item | Sulatus k. era nro<br>Cast. test No |     | T-tila<br>Cond |    | Velokoe<br>Tensile test |  | REH<br>MPa | REL<br>MPa | RT05<br>MPa | RP02<br>MPa | °C | K2 | RM MPa |   | A % | 200 | REH<br>/ RM | RM * AS | RAZ % |   |   | Keskiarvo<br>Average | Taituskoe<br>Bend test | Huom<br>Nb | Paasto<br>Tempering<br>°C |
|--------------|-------------------------------------|-----|----------------|----|-------------------------|--|------------|------------|-------------|-------------|----|----|--------|---|-----|-----|-------------|---------|-------|---|---|----------------------|------------------------|------------|---------------------------|
|              |                                     |     |                |    |                         |  |            |            |             |             |    |    | 1      | 2 |     |     |             |         | 1     | 2 | 3 |                      |                        |            |                           |
| 110          | 69433                               | 011 | TM             | 32 | 406                     |  |            |            |             |             |    |    | 488    |   | 29  |     |             |         |       |   |   | 32                   | 0.5                    |            |                           |
| 110          | 69433                               | 021 | TM             | 32 | 407                     |  |            |            |             |             |    |    | 491    |   | 30  |     |             |         |       |   |   | 32                   | 0.5                    |            |                           |

K2: 32=CENTRE, LONGITUDINAL

K5: 32=120 MM WIDE BEND TEST

TM=THERMOMECH. TREATED

| Pos.<br>Item | Sulatus k. era nro<br>Cast. test No | Iskukoe Impact test |     |      | Keskiarvo Average |     |     | Sitkeamurtuma Ductile fracture |   |   | Erikoiskokeet Special tests |    |   | Huom<br>Nb | Paasto<br>Tempering<br>°C |
|--------------|-------------------------------------|---------------------|-----|------|-------------------|-----|-----|--------------------------------|---|---|-----------------------------|----|---|------------|---------------------------|
|              |                                     | K3                  | °C  | 1    | 2                 | 3   | W   | 1                              | 2 | 3 | K4                          | °C | 1 |            |                           |
| 110          | 69433                               | 011                 | 131 | -020 | 293               | 247 | 252 | 264                            |   |   |                             |    |   |            |                           |
| 110          | 69433                               | 021                 | 131 | -020 | 303               | 250 | 305 | 286                            |   |   |                             |    |   |            |                           |

K3: 131=CH-V/ISO-V(J); 10X10.CENTRE LONGIT.KV600

K3: 131=CH-V/ISO-V(J), 10X10, CENTRE, LONGIT, KV600

Raabe Steel Works

Testaus ja tarkastus Testing and Inspection

Minna Valkama

MINNA VALKAMA

Valtuutettu tarkastaja Authorized inspection representative

Yhtiön nimi Company Name: SSAB Europe Oy

Yhteystiedot Contact information: HAMMEENLINNA

Osoite Address: PL 93, P.O. Box 93

FIN-00101 RAASEN LÄNNEN RAKENTAMINEN

Puhelin Telephone: 020 5911

+358 20 502 9796

Telekopio Telefax: 020 592 2726

+358 20 502 9796

Y-tunnus Business ID: 2389445-7

Taken todistamme, että toimitus on lausuvahvistuksen mukainen.  
We hereby certify that the material described above has been tested and complies with the terms of the order confirmation.



ANALYYSITODISTUS ANALYSIS CERTIFICATE  
ANALYSEBESCHEINIGUNG COMPOSITIO CHIMIQUE CERTIFICAT  
СЕРТИФИКАТ АНАЛИЗА

3 / 3  
75171C-003  
22.03.2017

| Analysi % Chemical composition %<br>Chemisch Zusammensetzung %<br>Composition Chimique %<br>Анализ пробы % |         |         |             |     |          |         |         |     |         |              |              |          | (*-ppm) |      | Päivämäärä Date Datum Date Date |    | AMH |   |   |    |    |   |    |  |
|------------------------------------------------------------------------------------------------------------|---------|---------|-------------|-----|----------|---------|---------|-----|---------|--------------|--------------|----------|---------|------|---------------------------------|----|-----|---|---|----|----|---|----|--|
| Cekv                                                                                                       | Positio | Koe nro | Sulatus nro | Ceq | Testi No | Item    | Pos.    | Ceq | Prüf Nr | Schmelzen Nr | No de coulée | Essai No | Poste   | Cekv | C                               | SI | MN  | P | S | AL | NB | V | TI |  |
| Cekv                                                                                                       | № Проба | № Проба | № Проба     | Ceq | № Проба  | № Проба | № Проба | Ceq | № Проба | № Проба      | № Проба      | № Проба  | № Проба | Cekv |                                 |    |     |   |   |    |    |   |    |  |

CEQ=C+MN/6+(CR+MO+V)/5+(NI+CU)/15

Raabe Steel Works

Testaus ja tarkastus  
Prüfung und Kontrolle  
Essais et Contrôle  
Испытание и контроль качества

*Minna Valkama*

MINNA VALKAMA

Valtuutettu tarkastaja  
Sachverständiger  
Authorized inspection representative  
Inspector autorisé  
Уполномоченный инспектор

Yhtiön nimi Company Name: SSAB Europe Oy  
Käsitteilyä käsittelevä Office: WÄRMEFEN INHA

Osoite Address: PL 93, P.O.Box 93  
FIN-02101 RAABE

Puhelin Telephone: 020 5911  
+358 9 501 7726

Telekopio Telefax: 020 592 2736  
+358 9 501 7726  
Y-tunnus Business ID: 2389445-7

Steel manufactured and supplied by Raabe Steel Works is free from radiation.  
Приходимость на металлургическом комбинате «Raabe Steel Works» и поставляемая  
заказчику сталь не излучает радиации.

## DISPATCH LIST/PACKING LIST

Number 75171C03 Date 22.03.2017 Loading order number 05331  
 Customer's order 1110361

Consignee  
 OY KONTINO AB  
  
 HAKINTIE 6  
  
 01380 VANTAA FINLAND

Buyer  
 KONTINO OY AB  
  
 PL 27  
  
 01301 VANTAA FINLAND

Country of origin  
 FINLAND  
 Country of destination  
 FINLAND

Terms of delivery  
 DAP (INCOTERMS 2010)  
 HAKKILA

Mode of delivery  
 TRUCK  
 Final destination  
 HAKKILA

Marks and numbers  
 1110361

Number and description of goods 61 HOT ROLLED STEEL PLATES IN BUNDLES Weight 32330 KG

## REST DELIVERY

Invoicing weight  
 ACTUAL

| Item              | Quality specification                              | Charge       | Packages | Pcs | Weight kg |
|-------------------|----------------------------------------------------|--------------|----------|-----|-----------|
|                   | HOT ROLLED STEEL IN BUNDLES CUT LENGTHS MILL EDGES |              |          |     |           |
|                   | SSAB DOMEX 355MC D .                               |              |          |     |           |
|                   | XD355158                                           |              |          |     |           |
| 110               | 15.00 1500 3000                                    | 69433 011 11 | P001     | 4   | 2125      |
|                   |                                                    | 69433 011 12 | P002     | 4   | 2125      |
|                   |                                                    | 69433 011 13 | P003     | 4   | 2120      |
|                   |                                                    | 69433 021 11 | P004     | 4   | 2125      |
|                   |                                                    | 69433 021 12 | P005     | 4   | 2120      |
|                   |                                                    | 69433 021 13 | P006     | 4   | 2120      |
|                   |                                                    | 69433 021 14 | P007     | 4   | 2120      |
|                   |                                                    | 69433 021 15 | P008     | 4   | 2120      |
|                   |                                                    | 69433 021 16 | P009     | 4   | 2120      |
|                   |                                                    | 69433 021 17 | P010     | 4   | 2120      |
|                   |                                                    | 69433 021 18 | P011     | 4   | 2120      |
|                   |                                                    | 69433 021 19 | P012     | 4   | 2115      |
|                   |                                                    | 69433 021 20 | P013     | 4   | 2120      |
|                   |                                                    | 69433 021 21 | P014     | 4   | 2115      |
|                   |                                                    | 69433 021 22 | P015     | 3   | 1585      |
|                   |                                                    | 69433 021 23 | P016     | 2   | 1060      |
|                   |                                                    | *            |          | 61  | 32330     |
| CONSIGNMENT TOTAL |                                                    |              | *** 16   | 61  | 32330     |

DISPATCH LIST/PACKING LIST

|                  |            |                      |
|------------------|------------|----------------------|
| Number           | Date       | Loading order number |
| 75171C03         | 22.03.2017 | 05331                |
| Customer's order |            |                      |

1110361

|      |                       |        |          |     |           |
|------|-----------------------|--------|----------|-----|-----------|
| Item | Quality specification | Charge | Packages | Pcs | Weight kg |
|------|-----------------------|--------|----------|-----|-----------|

|          |       |
|----------|-------|
| CN       | ITEMS |
| 72085198 | 110   |