

|                                                                    |                                                                                |                                                |
|--------------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------------|
| Tilaja Purchaser<br>KONTINO OY AB<br>PL 27<br>01301 VANTAA FINLAND | Vastaanottaja Consignee<br>OY KONTINO AB<br>HAKINTIE 6<br>01360 VANTAA FINLAND | Päivämäärä Date<br>18.07.2018                  |
| Tilaus nro Order No.<br>111986                                     | Tilauksen vahvistus Order Confirmation<br>26887                                | Valmistajan merkki<br>Mark of the Manufacturer |
| Todistus Certificate<br>31                                         | Laivasto Shipping                                                              |                                                |

|                                               |                                          |                                         |
|-----------------------------------------------|------------------------------------------|-----------------------------------------|
| Toimitustyyppi Delivery type<br>PART DELIVERY | Laatuvarmistus Quality Marking<br>S355MC | Tarkastajan leima<br>Stamp of Inspector |
|-----------------------------------------------|------------------------------------------|-----------------------------------------|

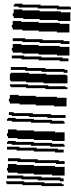
|                               |                                                       |                                           |
|-------------------------------|-------------------------------------------------------|-------------------------------------------|
| Tuote Product<br>HEAVY PLATES | Sulatus nro levy nro Cast No. Plate No.<br>XXXX XX XX | Vastaanottajan leima<br>Stamp of Surveyor |
|-------------------------------|-------------------------------------------------------|-------------------------------------------|

|                                      |                                                 |                                 |
|--------------------------------------|-------------------------------------------------|---------------------------------|
| Laji Grade<br>S355MC EN 10149-2:2013 | Toleranssit Tolerances<br>EN 10029:2010 CLASS A | Muut leimaukset<br>Other Stamps |
|--------------------------------------|-------------------------------------------------|---------------------------------|

|                                                                                       |                                                                                                          |  |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|--|
| Lauseluvoitus Quality Specifications<br>HIGH YIELD STRENGTH FORMABLE FINE-GRAIN STEEL | Tekniset vaatimukset jalka viralliset määräykset Technical terms of Delivery and/or Official Regulations |  |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|--|

| Positio Item                                           | Mitat mm Dimensions mm | Merkit Mark | Kpl Pcs | Paino kg Weight kg | Sulatus levy nro Cast plate No | SP nro SP No | UT UT | MT MT |
|--------------------------------------------------------|------------------------|-------------|---------|--------------------|--------------------------------|--------------|-------|-------|
| HOT ROLLED STEEL PLATES                                |                        |             |         |                    |                                |              |       |       |
| IN BUNDLES                                             |                        |             |         |                    |                                |              |       |       |
| EN 10149-1 OPTION 5 (IMPACT TEST AT -20 DEG.C MIN 40J) |                        |             |         |                    |                                |              |       |       |
| SURFACE CONDITION EN 10 163-2:2005 CLASS A3            |                        |             |         |                    |                                |              |       |       |
| 020                                                    | 16.00 X 1500 X 3000    | XR355168    | 18      | 10368              | 19713                          | 022          | 022   |       |
| 020                                                    | 16.00 X 1500 X 3000    |             | 18      | 10368              | 19713                          | 051          | 051   |       |
| 020                                                    | 16.00 X 1500 X 3000    |             | 5       | 2880               | 19713                          | 052          | 052   |       |
| 020                                                    | 16.00 X 1500 X 3000    |             | 18      | 10368              | 19716                          | 031          | 031   |       |

124648



Kontino Oy Ab

Raabe Steel Works

Testaus ja tarkastus Testing and Inspection

*Minna Valkama*

|                                                                              |                                                                  |                                               |
|------------------------------------------------------------------------------|------------------------------------------------------------------|-----------------------------------------------|
| MINNA VALKAMA<br>Valtuutettu tarkastaja Authorized inspection representative | Osasto Address<br>PL 83, P.O. Box 83<br>FIN-02101 RAABE, FINLAND | Puhelin Telephone<br>020 5911<br>+358 20 5911 |
|------------------------------------------------------------------------------|------------------------------------------------------------------|-----------------------------------------------|

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

Y-tunnus Business ID: 2389445-7

|                                                                                                        |                                             |                                                                                                                   |                                                                                        |
|--------------------------------------------------------------------------------------------------------|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| Tilaaja Purchaser<br>KONTINO OY AB<br>PL 27<br>01301 VANTAA FINLAND<br>Tilaus nro Order No.<br>1111986 | Tilausvahvistus Order Confirmation<br>26887 | Vastaanottaja Consignee<br>OY KONTINO AB<br>HAKINTIE 8<br>01380 VANTAA FINLAND<br>Asiakkaan merkki/ Shipping mark | Päivämäärä Date<br>18.07.2018<br>TPE<br>Valmistajan merkki<br>Mark of the Manufacturer |
|--------------------------------------------------------------------------------------------------------|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|



Jatkuvaletus happierästä  
Oxygen steel, continuous casting  
Fully killed, Fine grain practiced

Lisävaatimukset Additional requirements

Laatuvaatimukset Quality Specifications

## HIGH YIELD STRENGTH FORMABLE FINE-GRAIN STEEL

| Pos.<br>Item | Sulatus<br>Cast test No | T-sila<br>Cond | Vetokoe Tensile test |    |             | REH<br>MPa | RM<br>MPa | A % | RAZ % |   |   | Keskiarvo<br>Average | Huom<br>Nb | Päästö<br>Tempering<br>°C |
|--------------|-------------------------|----------------|----------------------|----|-------------|------------|-----------|-----|-------|---|---|----------------------|------------|---------------------------|
|              |                         |                | K2                   | °C | RP02<br>MPa |            |           |     | 1     | 2 | 3 |                      |            |                           |
| 020          | 19713                   | 022            | TM                   | 12 |             | 386        | 470       | 33  |       |   |   | 11                   | 0.5        |                           |
| 020          | 19713                   | 051            | TM                   | 12 |             | 395        | 469       | 34  |       |   |   | 11                   | 0.5        |                           |
| 020          | 19713                   | 052            | TM                   | 12 |             | 387        | 470       | 33  |       |   |   | 11                   | 0.5        |                           |
| 020          | 19716                   | 031            | TM                   | 12 |             | 386        | 458       | 33  |       |   |   | 11                   | 0.5        |                           |

K2: 12=TOP, LONGITUDINAL

K3: 11=BENDING TEST

TM=THERMOMECH. TREATED

| Pos.<br>Item | Sulatus<br>Cast test No | Isukoe Impact test | K3 | °C | FA % |   |   | Keskiarvo<br>Average | W (mm) | LE (mm) | Erikoiskokeet Special tests |    |   |   | Huom<br>Nb | Päästö<br>Tempering<br>°C |
|--------------|-------------------------|--------------------|----|----|------|---|---|----------------------|--------|---------|-----------------------------|----|---|---|------------|---------------------------|
|              |                         |                    |    |    | 1    | 2 | 3 |                      |        |         | K4                          | °C | 1 | 2 |            |                           |

FA = Sitkeämurtuman osumat Shear fracture appearance

LE = Poikittainen laajenema Lateral Expansion

020 19713 022 111 -020 249 296 306 284

020 19713 051 111 -020 266 348 324 313

020 19713 052 111 -020 268 312 337 306

020 19716 031 111 -020 300 291 290 294

K3: 11=CH-V/ISO-V(J)10X10, TOP/LONGIT, KV800

## Raabe Steel Works

Tilauksen ja tarkastuksen Testing and Inspection

*Minna Valkama*

MINNA VALKAMA

Välituote tarkastaja Authorized inspection representative

Yrityksen nimi Company Name: SSAB Europe Oy

Kotipaikka Registered Office: HÄMEENLINNA

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

FIN-02101 RAAHE, FINLAND

Puhelin Telephone: 020 5911

+358 20 5911

Y-tunnus Business ID: 2389445-7

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



## DISPATCH LIST/PACKING LIST

|                  |            |                      |
|------------------|------------|----------------------|
| Number           | Date       | Loading order number |
| 26887 03         | 17.07.2018 | 77686                |
| Customer's order |            |                      |
| 1111986          |            |                      |

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

Number and description of goods  
59 HOT ROLLED STEEL PLATES

Weight  
33984 KG

## PART DELIVERY

Invoicing weight  
THEORETICAL

| Item              | Quality specification   |      | Charge |           | Packages | Pcs | Weight kg |
|-------------------|-------------------------|------|--------|-----------|----------|-----|-----------|
|                   | HOT ROLLED STEEL PLATES |      |        |           |          |     |           |
|                   | S355MC EN 10149-2:2013  |      |        |           |          |     |           |
|                   | XR355168                |      |        |           |          |     |           |
| 020               | 16.00                   | 1500 | 3000   | 19713 022 |          | 18  | 10368     |
|                   |                         |      |        | 19713 051 |          | 18  | 10368     |
|                   |                         |      |        | 19713 052 |          | 5   | 2880      |
|                   |                         |      |        | 19716 031 |          | 18  | 10368     |
|                   |                         |      |        | *         |          | 59  | 33984     |
| CONSIGNMENT TOTAL |                         |      |        | ***       |          | 59  | 33984     |
| CN                | ITEMS                   |      |        |           |          |     |           |
| 72085120          | 020                     |      |        |           |          |     |           |