



ArcelorMittal

ArcelorMittal Bremen GmbH  
Postfach 210220  
28222 BREMEN  
Carl-Benz-Strasse 30  
28237 BREMEN  
Telefon 0421/6480  
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A02  
CERTIFICATE  
A03  
Page: 01 / 03  
20180092520-00

Inspection certificate 3.1 EN 10204

A05 ORIGINATOR OF THE DOCUMENT  
ArcelorMittal Bremen GmbH  
Abnahme/Zeugnisschreibung  
zeugnisse.bremen@arcelorMittal.com  
Telefon 0421/6482813

A09 DISPATCH NOTE  
DATE  
0000800653  
12.12.2018

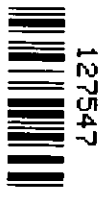
A08.1 MANUFACTURER'S ORDER NR.  
DATE  
AGENCY'S ORDER NR.  
1829473  
07.08.2018  
FH84KON003030

A07 CUSTOMER'S ORDER NUMBER  
1112129

A10 PART NUMBER  
XR355058P

A06.1 CUSTOMER  
OY KONTINO AB  
HAKINTIE, 6  
01380 VANTAA  
Finland

A06.2 CONSIGNEE  
OY KONTINO AB  
HAKINTIE, 6  
01380 VANTAA  
Finland



Kontino Oy Ab

PRODUCT: hot rolled pickled sheet  
TERMS OF DELIVERY: EN 10051 (2010)

QUALITY: ANSTRONG 355MC  
S355MC

STANDARD: AM FCE  
EN 10149-2 (00-09-2013)

JIT2 1.74

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN

OY KONTINO AB

HAKINTIE, 6  
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Finland

PRODUCT: hot rolled pickled sheet  
QUALITY: **AMSTRONG 355MC**  
STANDARD: **AM PCE**  
EN 10149-2 (00-09-2013)  
TERMS OF DELIVERY: **EN 10051 (2010)**  
S355MC

|       |           |         |         |
|-------|-----------|---------|---------|
| A08.2 | B09       | B10     | B11     |
| ITEM  | THICKNESS | WIDTH   | LENGTH  |
|       | mm        | mm      | mm      |
| 30    | 5.00      | 1500.00 | 3000.00 |

| ITEM  | B07.1<br>COIL NO | B07.1<br>PART | B13<br>WEIGHT<br>kg | B08<br>AMOUNT | B07.2<br>HEAT | CHEMICAL ANALYSIS |       |       |       |       |       |       |       |        |       |       |       |       |       |
|-------|------------------|---------------|---------------------|---------------|---------------|-------------------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|
|       |                  |               |                     |               |               | C71               | C73   | C72   | C74   | C75   | C77   | C76   |       |        |       |       |       |       |       |
|       |                  |               |                     |               |               | C                 | Si    | Mn    | P     | S     | Cu    | Al    | N     | B      | V     | Ti    | Nb    | CH    | NI    |
|       |                  |               |                     |               |               | %                 | %     | %     | %     | %     | %     | %     | %     | %      | %     | %     | %     | %     | %     |
| 30    | 530348           | 01000         | 2335                | 13            | 715052        | .0736             | .0075 | .5483 | .0082 | .0065 | .0204 | .0385 | .0040 | 0.0000 | .0001 | .0007 | .0244 | .0234 | .0181 |
|       | 4592745          |               |                     |               |               |                   |       |       |       |       |       |       |       |        |       |       |       |       |       |
|       | 530348           | 01100         | 2330                | 13            | 715052        | .0736             | .0075 | .5483 | .0082 | .0065 | .0204 | .0385 | .0040 | 0.0000 | .0001 | .0007 | .0244 | .0234 | .0181 |
|       | 4592746          |               |                     |               |               |                   |       |       |       |       |       |       |       |        |       |       |       |       |       |
|       | 530348           | 01300         | 720                 | 4             | 715052        | .0736             | .0075 | .5483 | .0082 | .0065 | .0204 | .0385 | .0040 | 0.0000 | .0001 | .0007 | .0244 | .0234 | .0181 |
|       | 4592749          |               |                     |               |               |                   |       |       |       |       |       |       |       |        |       |       |       |       |       |
| TOTAL | 3                |               | 5385                |               |               |                   |       |       |       |       |       |       |       |        |       |       |       |       |       |

|       |  |   |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------|--|---|--|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| TOTAL |  | 3 |  | 5385 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL |  | 3 |  | 5385 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

| A08.2<br>ITEM | B07.1<br>COILNO | B07.1<br>PART | B13<br>WEIGHT<br>Kg | B08<br>AMOUNT | B07.2<br>HEAT | TENSILE TEST        |                           |                                 |                   |     | BENDTEST  |                  |                 |                   |                   | SHOCK TEST        |                   |                   |  |  |
|---------------|-----------------|---------------|---------------------|---------------|---------------|---------------------|---------------------------|---------------------------------|-------------------|-----|-----------|------------------|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|--|--|
|               |                 |               |                     |               |               | C02<br>PRTemp<br>°C | C03<br>yield<br>Re<br>MPa | C11<br>p. strength<br>Rm<br>MPa | C12<br>A55mm<br>% | C13 | C50<br>Fa | C44<br>50<br>cm² | C02<br>PR<br>°C | C03<br>Temp<br>°C | C42<br>KV2 1<br>J | C42<br>KV2 2<br>J | C42<br>KV2 3<br>J | C43<br>KV2 m<br>J |  |  |
| 30            | 530348          | 01000         | 2335                | 13            | 715052        | 0                   | 20                        | 409                             | 491               | 34  | 1         | .8               | 0               | -20               | 206               | 194               | 208               | 202               |  |  |
|               | 4592745         |               |                     |               |               |                     |                           |                                 |                   |     |           |                  |                 |                   |                   |                   |                   |                   |  |  |
|               | 530348          | 01100         | 2330                | 13            | 715052        | 0                   | 20                        | 409                             | 491               | 34  | 1         | .8               | 0               | -20               | 206               | 194               | 208               | 202               |  |  |
|               | 4592746         |               |                     |               |               |                     |                           |                                 |                   |     |           |                  |                 |                   |                   |                   |                   |                   |  |  |
|               | 530348          | 01300         | 720                 | 4             | 715052        | 0                   | 20                        | 409                             | 491               | 34  | 1         | .8               | 0               | -20               | 206               | 194               | 208               | 202               |  |  |
|               | 4592749         |               |                     |               |               |                     |                           |                                 |                   |     |           |                  |                 |                   |                   |                   |                   |                   |  |  |
|               | 3               |               | 5385                |               |               |                     |                           |                                 |                   |     |           |                  |                 |                   |                   |                   |                   |                   |  |  |
| TOTAL         |                 | 3             |                     | 5385          |               |                     |                           |                                 |                   |     |           |                  |                 |                   |                   |                   |                   |                   |  |  |

We certify hereby that the delivery complies with the above mentioned specification.

|                                                                     |                                                          |                          |                                                   |
|---------------------------------------------------------------------|----------------------------------------------------------|--------------------------|---------------------------------------------------|
| C02 test direction<br>relating to rolling direction (0°= L, 90°= T) | C04 specimen condition<br>V: aged P: fresh N: normalized | C50 bend test<br>1: good | C43 result in J<br>related to specimen size (C44) |
|---------------------------------------------------------------------|----------------------------------------------------------|--------------------------|---------------------------------------------------|



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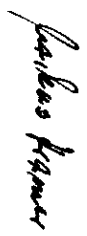
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QUALITY: AMSTRONG 355MC  
TERMS OF DELIVERY: EN 10051 (2010)  
STANDARD: AM PCE  
EN 10149-2 (00-09-2013)

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| A08.2 | B09      | B10     | B11     |
| ITEM  | THICKNES | WIDTH   | LENGTH  |
| 30    | 5.00     | 1500.00 | 3000.00 |
|       | mm       | mm      | mm      |

BREMEN 12.12.2018



QUALITY DEPARTMENT  
SITE EXPERT FOR INSPECTION  
Kramer



C02 test direction  
relating to rolling direction (0° = L; 90° = T)  
C04 specimen condition  
Visualized P: Fresh N: normalised  
C50 bend test  
1: good  
C43 result in J  
related to specimen size (C44)

JIT2 1.74