



ArcelorMittal Bremen GmbH  
Postfach 210220  
28222 BREMEN  
Carl-Benz-Strasse 30  
28237 BREMEN  
Telefon 0421/6480  
Telefax 0421/6482251

A02  
CERTIFICATE  
A03 Page: 01 / 02  
**20190055411-00**  
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  
0000895032  
16.08.2019  
A08.1 MANUFACTURER'S ORDER NR  
DATE  
AGENCY'S ORDER NR.  
1949610  
10.07.2019  
FH93HTH011003  
A07 CUSTOMER'S ORDER NUMBER  
13003/13003/003  
A10 PART NUMBER  
AMSTRONG355MC\_PICKLED

A06.1 CUSTOMER  
HTM YHTIOT OY  
TIILITEHTAANTIE 23  
12310 RYTTYLAE  
Finland  
A06.2 CONSIGNEE  
HTM YHTIOT OY  
TIILITEHTAANTIE 23  
12310 RYTTYLAE  
Finland

PRODUCT: hot rolled pickled coil

QUALITY: AMSTRONG 355MC  
S355MC

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

TERMS OF DELIVERY: EN 10051 (2010)

JITZ 1.75

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**HTM YHTIOT OY**  
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**Finnland**  
 A06.2 CONSIGNEE  
**HTM YHTIOT OY**  
**TIILITEHTAANTIE 23**  
**12310 RYTTYLAE**  
**Finnland**

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

JITZ 1.75

| A08.2 ITEM | B09 THICKNES mm | B10 WIDTH mm |
|------------|-----------------|--------------|
| 3          | 6.00            | 1500.00      |

| A08.2 ITEM | B07.1 COILNO | B07.1 PART | B13 WEIGHT kg | B07.2 HEAT | CHEMICAL ANALYSIS |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------------|--------------|------------|---------------|------------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|            |              |            |               |            | C71               | C73   | C72   | C74   | C75   | C81   | C77   | C76   | C83   | C84   | C78   | C82   | C79   | C80   | C85   | As    | Sn    |
|            |              |            |               |            | C %               | Si %  | Mn %  | P %   | S %   | Cu %  | Al %  | N %   | B %   | V %   | Ti %  | Nb %  | Cr %  | Ni %  | Mo %  | As %  | Sn %  |
| 3          | 126044       | 50000      | 13360         | 065878     | .0790             | .0190 | .5261 | .0101 | .0035 | .0093 | .0310 | .0055 | .0001 | .0018 | .0015 | .0247 | .0267 | .0263 | .0027 | .0007 | .0009 |
|            |              |            |               |            | 0000              | 0000  | 0000  | 0000  | 0000  | 0000  | 0000  | 0000  | 0000  | 0000  | 0000  | 0000  | 0000  | 0000  | 0000  | 0000  | 0000  |
| 3          | 126044       | 50100      | 13920         | 065878     | .0790             | .0190 | .5261 | .0101 | .0035 | .0093 | .0310 | .0055 | .0001 | .0018 | .0015 | .0247 | .0267 | .0263 | .0027 | .0007 | .0009 |
|            |              |            |               |            | 0000              | 0000  | 0000  | 0000  | 0000  | 0000  | 0000  | 0000  | 0000  | 0000  | 0000  | 0000  | 0000  | 0000  | 0000  | 0000  | 0000  |
|            |              |            | 2             | 27280      |                   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL      |              |            | 2             | 27280      |                   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |

| A08.2 ITEM | B07.1 COILNO | B07.1 PART | B13 WEIGHT kg | B07.2 HEAT | TENSILE TEST |     |      |       |             |       | BEND TEST |     | SHOCK TEST |      |       |       |       |       |
|------------|--------------|------------|---------------|------------|--------------|-----|------|-------|-------------|-------|-----------|-----|------------|------|-------|-------|-------|-------|
|            |              |            |               |            | C02          | C04 | C03  | C11   | C12         | C13   | C50       | C44 | C02        | C03  | C42   | C42   | C42   | C43   |
|            |              |            |               |            | PR           | MAZ | Temp | yield | p. strength | A60mm | Fa        | S0  | PR         | Temp | KV2_1 | KV2_2 | KV2_3 | KV2_m |
| 3          | 126044       | 50000      | 13360         | 065878     | 0            | F   | 20   | 413   | 497         | 33.5  | 1         | .8  | 0          | -20  | 186   | 192   | 202   | 193   |
|            |              |            |               |            | 90           | F   | 20   | 415   | 494         | 31    |           |     |            |      |       |       |       |       |
| 3          | 126044       | 50100      | 13920         | 065878     | 0            | F   | 20   | 413   | 497         | 33.5  | 1         | .8  | 0          | -20  | 186   | 192   | 202   | 193   |
|            |              |            |               |            | 90           | F   | 20   | 415   | 494         | 31    |           |     |            |      |       |       |       |       |
|            |              |            | 2             | 27280      |              |     |      |       |             |       |           |     |            |      |       |       |       |       |
| TOTAL      |              |            | 2             | 27280      |              |     |      |       |             |       |           |     |            |      |       |       |       |       |

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

BREMEN 16.08.2019



QUALITY DEPARTMENT  
 SITE EXPERT FOR INSPECTION

Kramer

*Franko Kramer*

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