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A02 CERTIFICATE  
A03 Page: 01 / 02  
20220086406-00

Inspection certificate 3.1 EN 10204

A05 ORIGINATOR OF THE DOCUMENT  
ArcelorMittal Bremen GmbH  
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A09 DISPATCH NOTE  
DATE  
0000283049  
27.12.2022

A08.1 MANUFACTURER'S ORDER NR  
DATE  
AGENCY'S ORDER NR.  
2228359  
17.10.2022  
GH24FEO011011

A07 CUSTOMER'S ORDER NUMBER  
44782

A10 PART NUMBER  
2462440

A06.1 CUSTOMER  
FEON OY

Teollisuuskatu 33  
00510 Helsinki  
Finland

A06.2 CONSIGNEE  
Oy AluSteel Ab

Hepokarintie 9  
23500 UUSIKAUPUNKI  
Finland

PRODUCT: hot rolled unpickled coil

QUALITY: AMSTRONG@355MC  
S355MC

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

TERMS OF DELIVERY: EN 10051 (2010)

JITZ 1.79

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN

FEON OY

Teollisuuskatu 33  
00510 Helsinki  
Finland



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A09 DISPATCH NOTE  
 DATE 000283049  
 27.12.2022  
 A08.1 MANUFACTURER'S ORDER NR **2228359**  
 DATE 17.10.2022  
 AGENCY'S ORDER NR. GH24FEO11011  
 A07 CUSTOMER'S ORDER NUMBER  
 44782  
 A10 PART NUMBER  
 2462440

A06.1 CUSTOMER  
**FEON OY**  
 Teollisuuskatu 33  
 00510 Helsinki  
 Finland  
 A06.2 CONSIGNEE  
**Oy AluSteel Ab**  
 Hepokarintie 9  
 23500 UUSIKAUPUNKI  
 Finland

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


JITZ 1.79

| A08.2<br>ITEM | B09<br>THICKNES<br>mm | B10<br>WIDTH<br>mm |
|---------------|-----------------------|--------------------|
| 11            | 20.00                 | 1500.00            |

| A08.2<br>ITEM | B07.1<br>COILNO | B07.1<br>PART | B13<br>WEIGHT<br>kg | B07.2<br>HEAT | CHEMICAL ANALYSIS |         |         |        |        |         |         |        |        |        |         |         |         |         |         |         |         |
|---------------|-----------------|---------------|---------------------|---------------|-------------------|---------|---------|--------|--------|---------|---------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|
|               |                 |               |                     |               | C71               | C73     | C72     | C74    | C75    | C81     | C77     | C76    | C83    | C84    | C78     | C82     | C79     | C80     | C85     | As      | Sn      |
|               |                 |               |                     |               | C<br>%            | Si<br>% | Mn<br>% | P<br>% | S<br>% | Cu<br>% | Al<br>% | N<br>% | B<br>% | V<br>% | Ti<br>% | Nb<br>% | Cr<br>% | Ni<br>% | Mo<br>% | As<br>% | Sn<br>% |
| 11            | 319046          | 00000         | 32880               | 053338        | .0710             | .0168   | .9568   | .0119  | .0024  | .0272   | .0308   | .0054  | .0001  | .0018  | .0084   | .0508   | .0257   | .0393   | .0035   | .0014   | .0015   |
|               |                 |               | 1                   | 32880         | 053338            | 0000    | 0000    | 0000   | 0000   | 0000    | 0000    | 0000   | 0000   | 0000   | 0000    | 0000    | 0000    | 0000    | 0000    | 0000    | 0000    |
| TOTAL         |                 |               | 1                   | 32880         |                   |         |         |        |        |         |         |        |        |        |         |         |         |         |         |         |         |

| A08.2<br>ITEM | B07.1<br>COILNO | B07.1<br>PART | B13<br>WEIGHT<br>kg | B07.2<br>HEAT | TENSILE TEST |     |      |                 |     |      |        | BENDTEST | SHOCK TEST |     |      |         |         |         |         |
|---------------|-----------------|---------------|---------------------|---------------|--------------|-----|------|-----------------|-----|------|--------|----------|------------|-----|------|---------|---------|---------|---------|
|               |                 |               |                     |               | C02          | C04 | C03  | C11             | C12 | C13  | C50    | C44      | C02        | C03 | C42  | C42     | C42     | C43     |         |
|               |                 |               |                     |               | PR           | MAZ | Temp | yield p.        | Re  | Rm   | Al40mm | Fa       | S0         | PR  | Temp | KV2VP_1 | KV2VP_2 | KV2VP_3 | KV2VP_m |
|               |                 | °C            | strength            | MPa           | MPa          | %   |      | cm <sup>2</sup> | °   | °C   | J      | J        | J          | J   |      |         |         |         |         |
| 11            | 319046          | 00000         | 32880               | 053338        | 0            | F   | 20   | 379             | 492 | 28.5 | 1      | .8       | 0          | -20 | 240  | 220     | 266     | 242     |         |
|               |                 |               | 1                   | 32880         | 053338       | 90  | F    | 20              | 420 | 521  | 24.5   |          |            |     |      |         |         |         |         |
| TOTAL         |                 |               | 1                   | 32880         |              |     |      |                 |     |      |        |          |            |     |      |         |         |         |         |

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

  
 BREMEN 28.12.2022

QUALITY DEPARTMENT  
 SITE EXPERT FOR INSPECTION  
 Kochanowski

*Kochanowski*

|   |   |                         |  |
|---|---|-------------------------|--|
| 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) |
|---|---|-------------------------|--|