



ArcelorMittal Bremen GmbH
Postfach 210220
28222 BREMEN
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28237 BREMEN
Telefon 0421/6480
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A02
CERTIFICATE
A03 Page: 01 / 02
20180050036-00
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 03.07.2018
SHIP
KAILI
A08.1 MANUFACTURER'S ORDER NR **1823391**
DATE 15.05.2018
AGENCY'S ORDER NR. FH82ALU006001

A07 CUSTOMER'S ORDER NUMBER
17511

A06.1 CUSTOMER
Oy AluSteel Ab
Telakkatie 4
23500 Uusikaupunki
Finland
A06.2 CONSIGNEE
Oy AluSteel Ab
Hepokarintie 9
23500 UUSIKAUPUNKI
Finland

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 1.74

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN

Oy AluSteel Ab

Telakkatie 4

23500 Uusikaupunki

Finland



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Finnland
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Hepokarintie 9
23500 UUSIKAUPUNKI
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 1.74

| A08.2 ITEM | B09 THICKNESS mm | B10 WIDTH mm |
|---------------|------------------------|--------------------|
| 1 | 3.00 | 1500.00 |

| A08.2 ITEM | B07.1 COILNO | B07.1 PART | B13 WEIGHT kg | B07.2 HEAT | CHEMICAL ANALYSIS | | | | | | | | | | | | | | | | |
|---------------|-----------------|---------------|---------------------|---------------|-------------------|----------------|----------------|---------------|---------------|---------|----------------|---------------|--------|--------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | C71 C % | C73 Si % | C72 Mn % | C74 P % | C75 S % | Cu % | C77 Al % | C76 N % | B % | V % | Ti % | Nb % | Cr % | Ni % | Mo % | As % | Sn % |
| 1 | 439083 | 50000 | 28340 | 713821 | .0805 | .0090 | .5500 | .0150 | .0069 | .0070 | .0300 | .0022 | 0.0000 | 0.0000 | 0.0000 | .0245 | .0190 | .0040 | 0.0000 | .0012 | .0010 |
| | 476069 | 50000 | 33960 | 052550 | .0724 | .0093 | .5161 | .0093 | .0057 | .0060 | .0365 | .0057 | .0001 | .0010 | .0011 | .0210 | .0182 | .0257 | .0015 | .0007 | .0009 |
| | | 2 | 62300 | | | | | | | | | | | | | | | | | | |
| TOTAL | | 2 | 62300 | | | | | | | | | | | | | | | | | | |

| A08.2 ITEM | B07.1 COILNO | B07.1 PART | B13 WEIGHT kg | B07.2 HEAT | TENSILE TEST | | | | | | BENDTEST |
|---------------|-----------------|---------------|---------------------|---------------|----------------|------------|-------------------|------------------------------|------------------------------|-------------------|-----------|
| | | | | | C02 PR ° | C04 MAZ | C03 Temp °C | C11 yield p. Re MPa | C12 strength Rm MPa | C13 A45mm % | C50 Fa |
| 1 | 439083 | 50000 | 28340 | 713821 | 0 | F | 20 | 409 | 497 | 33.5 | 1 |
| | 476069 | 50000 | 33960 | 052550 | 0 | F | 20 | 398 | 485 | 34 | 1 |
| | | 2 | 62300 | | | | | | | | |
| TOTAL | | 2 | 62300 | | | | | | | | |

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



QUALITY DEPARTMENT
 SITE EXPERT FOR INSPECTION
 Bremen 04.07.2018
 Kramer

Andreas Kramer

| | | |
|---|---|-------------------------|
| C02 test direction relating to rolling direction (0°= L; 90°= T) | C04 specimen condition V:aged F:fresh N:normalised | C50 bend test 1:good |
|---|---|-------------------------|