



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
20180060793-00
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 0000748850
SHIP 14.08.2018
MALENA
A08.1 MANUFACTURER'S ORDER NR **1822711**
DATE 04.05.2018
AGENCY'S ORDER NR. FH83ALU001001
A07 CUSTOMER'S ORDER NUMBER
17437

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**
S355MC

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

TERMS OF DELIVERY: **EN 10051 (2010)**

JITZ 1.74

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN

Oy AluSteel Ab

Telakkatie 4

23500 Uusikaupunki

Finland



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

A02 CERTIFICATE
 A03 Page: 02/ 02
20180060793-00
 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 14.08.2018
 SHIP MALENA
 A08.1 MANUFACTURER'S ORDER NR **1822711**
 DATE 04.05.2018
 AGENCY'S ORDER NR. FH83ALU001001
 A07 CUSTOMER'S ORDER NUMBER
 17437

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

| A08.2 ITEM | B09 THICKNES 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 | 564067 | 50000 | 29240 | 714146 | .0677 | .0071 | .5488 | .0111 | .0072 | .0225 | .0302 | .0044 | 0.0000 | 0.0001 | 0.0003 | .0221 | .0247 | .0136 | .0014 | .0014 | .0037 |
| | 580063 | 50000 | 27680 | 714146 | .0677 | .0071 | .5488 | .0111 | .0072 | .0225 | .0302 | .0044 | 0.0000 | 0.0001 | 0.0003 | .0221 | .0247 | .0136 | .0014 | .0014 | .0037 |
| | | 2 | 56920 | | | | | | | | | | | | | | | | | | |
| TOTAL | | 2 | 56920 | | | | | | | | | | | | | | | | | | |

| 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 | 564067 | 50000 | 29240 | 714146 | 0 | F | 20 | 403 | 486 | 34 | 1 |
| | 580063 | 50000 | 27680 | 714146 | 0 | F | 20 | 403 | 486 | 34 | 1 |
| | | 2 | 56920 | | | | | | | | |
| TOTAL | | 2 | 56920 | | | | | | | | |

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



QUALITY DEPARTMENT
 SITE EXPERT FOR INSPECTION
 Kramer

Klaus Kramer

BREMEN 15.08.2018

| | | |
|---|---|-------------------------|
| 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 |
|---|---|-------------------------|