



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

A02 CERTIFICATE
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20190038745-00

Inspection certificate 3.1 EN 10204

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

A09 DISPATCH NOTE
 DATE
 03.06.2019

A08.1 MANUFACTURER'S ORDER NR
 DATE
 1942495
 05.03.2019

A07 CUSTOMER'S ORDER NUMBER
 1112667

A10 PART NUMBER
 XR355158

A06.1 CUSTOMER
 OY KONTINO AB

HAKINTIE, 6
 01380 VANTAA
 Finland

A06.2 CONSIGNEE
 OY KONTINO AB

HAKINTIE, 6
 01380 VANTAA
 Finland

PRODUCT: hot rolled unpickled sheet

TERMS OF DELIVERY: EN 10051 (2010)

QUALITY: AMSTRONG 355MC
 S355MC

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

JITZ 1.74

| A08.2 ITEM | B09 THICKNES | B10 WIDTH | B11 LENGTH |
|------------|--------------|-----------|------------|
| | mm | mm | mm |
| 7 | 15.00 | 1500.00 | 3000.00 |

| A08.2 ITEM | B07.1 COIL NO | B07.1 PART | B08 WEIGHT | B08 AMOUNT | B07.2 HEAT | CHEMICAL ANALYSIS | | | | | | | | | | | | | | | |
|------------|---------------|------------|------------|------------|------------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|---------|
| | | | | | | C71 % | C73 % | C72 % | C74 % | C75 % | C81 % | C77 % | C76 % | C83 % | C84 % | C78 % | C82 % | C79 % | C80 % | C85 % | C86 % |
| 7 | 687702 | 01300 | 2140 | 4 | 061617 | 0.752 | 0.246 | 9.557 | 0.122 | 0.020 | 0.209 | 0.433 | 0.001 | 0.022 | 0.0558 | 0.434 | 0.400 | 0.043 | 0.011 | 0.015 | 4642464 |
| | | | | 4 | 061617 | 0.752 | 0.246 | 9.557 | 0.122 | 0.020 | 0.209 | 0.433 | 0.001 | 0.022 | 0.0558 | 0.434 | 0.400 | 0.043 | 0.011 | 0.015 | 4642433 |
| | | | | 4 | 061617 | 0.752 | 0.246 | 9.557 | 0.122 | 0.020 | 0.209 | 0.433 | 0.001 | 0.022 | 0.0558 | 0.434 | 0.400 | 0.043 | 0.011 | 0.015 | 4642434 |
| | | | | 4 | 061617 | 0.752 | 0.246 | 9.557 | 0.122 | 0.020 | 0.209 | 0.433 | 0.001 | 0.022 | 0.0558 | 0.434 | 0.400 | 0.043 | 0.011 | 0.015 | 4642435 |
| | | | | 4 | 061617 | 0.752 | 0.246 | 9.557 | 0.122 | 0.020 | 0.209 | 0.433 | 0.001 | 0.022 | 0.0558 | 0.434 | 0.400 | 0.043 | 0.011 | 0.015 | 4642436 |
| | | | | 4 | 061617 | 0.752 | 0.246 | 9.557 | 0.122 | 0.020 | 0.209 | 0.433 | 0.001 | 0.022 | 0.0558 | 0.434 | 0.400 | 0.043 | 0.011 | 0.015 | 4642437 |
| | | | | 4 | 061617 | 0.752 | 0.246 | 9.557 | 0.122 | 0.020 | 0.209 | 0.433 | 0.001 | 0.022 | 0.0558 | 0.434 | 0.400 | 0.043 | 0.011 | 0.015 | 4642438 |
| | | | | 4 | 061617 | 0.752 | 0.246 | 9.557 | 0.122 | 0.020 | 0.209 | 0.433 | 0.001 | 0.022 | 0.0558 | 0.434 | 0.400 | 0.043 | 0.011 | 0.015 | 4642439 |
| | | | | 4 | 061617 | 0.752 | 0.246 | 9.557 | 0.122 | 0.020 | 0.209 | 0.433 | 0.001 | 0.022 | 0.0558 | 0.434 | 0.400 | 0.043 | 0.011 | 0.015 | 4642440 |
| | | | | 4 | 061617 | 0.752 | 0.246 | 9.557 | 0.122 | 0.020 | 0.209 | 0.433 | 0.001 | 0.022 | 0.0558 | 0.434 | 0.400 | 0.043 | 0.011 | 0.015 | 4642441 |
| | | | | 4 | 061617 | 0.752 | 0.246 | 9.557 | 0.122 | 0.020 | 0.209 | 0.433 | 0.001 | 0.022 | 0.0558 | 0.434 | 0.400 | 0.043 | 0.011 | 0.015 | 4642442 |
| | | | | 4 | 061617 | 0.752 | 0.246 | 9.557 | 0.122 | 0.020 | 0.209 | 0.433 | 0.001 | 0.022 | 0.0558 | 0.434 | 0.400 | 0.043 | 0.011 | 0.015 | 4642443 |
| | | | | 3 | 061617 | 0.752 | 0.246 | 9.557 | 0.122 | 0.020 | 0.209 | 0.433 | 0.001 | 0.022 | 0.0558 | 0.434 | 0.400 | 0.043 | 0.011 | 0.015 | 4642450 |

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
 C63 result in J related to specimensize (C44)



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A02 CERTIFICATE
20190038745-00
 Page: 03 / 03

Inspection certificate 3.1 EN 10204
 A05 ORIGINATOR OF THE DOCUMENT
 ArcelorMittal Bremen GmbH
 Abnahme/Zugnischreibung
 zeugnisse.bremen@arcelormittal.com
 Telefon 0421/6482813

A09 DISPATCH NOTE
 DATE
 A08.1 MANUFACTURER'S ORDER NR
 DATE
 AGENCY'S ORDER NR.
 A07 CUSTOMER'S ORDER NUMBER
 A10 PART NUMBER

0000868116
 03.06.2019
 A06.1 CUSTOMER
 OY KONTINO AB
 HAKINTIE, 6
 01380 VANTAA
 Finland
 A06.2 CONSIGNEE
 OY KONTINO AB
 HAKINTIE, 6
 01380 VANTAA
 Finland

PRODUCT: hot rolled unpickled sheet
 STANDARD: AM FCE
 EN 10149-2 (00-09-2013)
 QUALITY: AMSTRONG 355MC
 S355MC
 TERMS OF DELIVERY: EN 10051 (2010)
 JITZ 1.74

| ITEM | THICKNESS mm | B09 mm | B10 mm | B11 LENGTH mm |
|------|-----------------|-----------|-----------|---------------------|
| 7 | 15.00 | 1500.00 | 3000.00 | |

| A08.2 ITEM | B07.1 COILNO | B07.1 PART | B08 WEIGHT kg | B07.2 HEAT | TENSILE TEST | | | BEND/TEST SHOCK TEST | | | | | | | | | | |
|---------------|-----------------|---------------|---------------------|---------------|--------------|------------|-------------------|------------------------------|------------------------------|--------------------|------------------|-----------|--------------|--------------|--------------|-------------------|-----|-----|
| | | | | | C02 PR | C03 MAZ | C04 Temp °C | C11 Yield p. Re MPa | C12 strength Rm MPa | C13 A120mm % | C50 Fa cm² | C44 S0 | C42 KV2 1 | C42 KV2 2 | C42 KV2 3 | C43 KV2 m J | | |
| 7 | 687705 | 00900 | 2130 | 4 061617 | 0 | F | 20 | 418 | 518 | 28 | 1 | .8 | 0 | -20 | 273 | 288 | 269 | 276 |
| | | 4542441 | | | | | | | | | | | | | | | | |
| | 687705 | 01000 | 2135 | 4 061617 | 0 | F | 20 | 418 | 518 | 28 | 1 | .8 | 0 | -20 | 273 | 288 | 269 | 276 |
| | | 4542442 | | | | | | | | | | | | | | | | |
| | 687705 | 01100 | 2140 | 4 061617 | 0 | F | 20 | 418 | 518 | 28 | 1 | .8 | 0 | -20 | 273 | 288 | 269 | 276 |
| | | 4542443 | | | | | | | | | | | | | | | | |
| | 687705 | 01200 | 1600 | 3 061617 | 0 | F | 20 | 418 | 518 | 28 | 1 | .8 | 0 | -20 | 273 | 288 | 269 | 276 |
| | | 4542450 | | | | | | | | | | | | | | | | |
| TOTAL | | 13 | 27200 | | | | | | | | | | | | | | | |
| TOTAL | | 13 | 27200 | | | | | | | | | | | | | | | |

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

QUALITY DEPARTMENT
 SITE EXPERT FOR INSPECTION
 BREMEN 03.06.2019
 Kramer

Kramer

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