



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

A02
CERTIFICATE

A03 Page: 01 / 04
20200020908-00

Inspection certificate 3.1 EN 10204

A05 ORIGINATOR OF THE DOCUMENT
ArcelorMittal Bremen GmbH
Carl-Benz-Straße 30, 28237 Bremen
zeugnisse.bremen@arcelormittal.com
Telefon 0421/6482813

A09 DISPATCH NOTE
DATE

0000963094
24.03.2020

A08.1 MANUFACTURER'S ORDER NR **1957192**
DATE 18.11.2019
AGENCY'S ORDER NR. GH01KON002004

A07 CUSTOMER'S ORDER NUMBER
1113453

A10 PART NUMBER
XR355068P

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 pickled sheet

QUALITY: **AMSTRONG@355MC**
S355MC

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

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

JITZ 1.78

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN

OY KONTINO AB

HAKINTIE, 6
01380 VANTAA
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 / 04
20200020908-00
 Inspection certificate 3.1 EN 10204
 A05 ORIGINATOR OF THE DOCUMENT
 ArcelorMittal Bremen GmbH
 Carl-Benz-Straße 30, 28237 Bremen
 zeugnisse.bremen@arcelormittal.com
 Telefon 0421/6482813

A09 DISPATCH NOTE
 DATE 0000963094
 24.03.2020
 A08.1 MANUFACTURER'S ORDER NR **1957192**
 DATE 18.11.2019
 AGENCY'S ORDER NR. GH01KON002004
 A07 CUSTOMER'S ORDER NUMBER
 1113453
 A10 PART NUMBER
 XR355068P

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

JITZ 1.78

| A08.2 ITEM | B09 THICKNES mm | B10 WIDTH mm | B11 LENGTH mm |
|---------------|-----------------------|--------------------|---------------------|
| 4 | 6.00 | 1500.00 | 3000.00 |

| A08.2 ITEM | B07.1 COILNO | B07.1 PART | B13 WEIGHT kg | B08 AMOUNT | 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 % | | |
| 4 | 662026 4718340 | 00100 | 2360 | 11 | 020930 | .0680 | .0144 | .5183 | .0091 | .0037 | .0096 | .0384 | .0033 | .0001 | .0007 | .0014 | .0235 | .0213 | .0302 | .0017 | .0005 | .0007 | | |
| | | | | | | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 |
| | 662026 4718341 | 00200 | 2350 | 11 | 020930 | .0680 | .0144 | .5183 | .0091 | .0037 | .0096 | .0384 | .0033 | .0001 | .0007 | .0014 | .0235 | .0213 | .0302 | .0017 | .0005 | .0007 | | |
| | | | | | | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 |
| | 662026 4718342 | 00300 | 2355 | 11 | 020930 | .0680 | .0144 | .5183 | .0091 | .0037 | .0096 | .0384 | .0033 | .0001 | .0007 | .0014 | .0235 | .0213 | .0302 | .0017 | .0005 | .0007 | | |
| | | | | | | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 |
| | 662026 4718343 | 00400 | 2355 | 11 | 020930 | .0680 | .0144 | .5183 | .0091 | .0037 | .0096 | .0384 | .0033 | .0001 | .0007 | .0014 | .0235 | .0213 | .0302 | .0017 | .0005 | .0007 | | |
| | | | | | | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 |
| | 662026 4718344 | 00500 | 2355 | 11 | 020930 | .0680 | .0144 | .5183 | .0091 | .0037 | .0096 | .0384 | .0033 | .0001 | .0007 | .0014 | .0235 | .0213 | .0302 | .0017 | .0005 | .0007 | | |
| | | | | | | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 |
| | 662026 4718345 | 00600 | 2355 | 11 | 020930 | .0680 | .0144 | .5183 | .0091 | .0037 | .0096 | .0384 | .0033 | .0001 | .0007 | .0014 | .0235 | .0213 | .0302 | .0017 | .0005 | .0007 | | |
| | | | | | | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 |
| | 662026 4718346 | 00700 | 2360 | 11 | 020930 | .0680 | .0144 | .5183 | .0091 | .0037 | .0096 | .0384 | .0033 | .0001 | .0007 | .0014 | .0235 | .0213 | .0302 | .0017 | .0005 | .0007 | | |
| | | | | | | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 |
| | 662026 4718347 | 00800 | 2360 | 11 | 020930 | .0680 | .0144 | .5183 | .0091 | .0037 | .0096 | .0384 | .0033 | .0001 | .0007 | .0014 | .0235 | .0213 | .0302 | .0017 | .0005 | .0007 | | |
| | | | | | | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 |
| | 662026 4718348 | 00900 | 2360 | 11 | 020930 | .0680 | .0144 | .5183 | .0091 | .0037 | .0096 | .0384 | .0033 | .0001 | .0007 | .0014 | .0235 | .0213 | .0302 | .0017 | .0005 | .0007 | | |
| | | | | | | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 |
| | 662026 4718349 | 01000 | 2360 | 11 | 020930 | .0680 | .0144 | .5183 | .0091 | .0037 | .0096 | .0384 | .0033 | .0001 | .0007 | .0014 | .0235 | .0213 | .0302 | .0017 | .0005 | .0007 | | |
| | | | | | | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 |
| | 662026 4718350 | 01100 | 2360 | 11 | 020930 | .0680 | .0144 | .5183 | .0091 | .0037 | .0096 | .0384 | .0033 | .0001 | .0007 | .0014 | .0235 | .0213 | .0302 | .0017 | .0005 | .0007 | | |
| | | | | | | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 |
| | 662026 4718351 | 01200 | 2360 | 11 | 020930 | .0680 | .0144 | .5183 | .0091 | .0037 | .0096 | .0384 | .0033 | .0001 | .0007 | .0014 | .0235 | .0213 | .0302 | .0017 | .0005 | .0007 | | |
| | | | | | | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 |

| | | | |
|---|---|-------------------------|--|
| 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 | C43 result in J related to specimensize (C44) |
|---|---|-------------------------|--|



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

A02 CERTIFICATE
A03 Page: 03 / 04
20200020908-00
 Inspection certificate 3.1 EN 10204
 A05 ORIGINATOR OF THE DOCUMENT
 ArcelorMittal Bremen GmbH
 Carl-Benz-Straße 30, 28237 Bremen
 zeugnisse.bremen@arcelormittal.com
 Telefon 0421/6482813

A09 DISPATCH NOTE
 DATE **000963094**
 24.03.2020
 A08.1 MANUFACTURER'S ORDER NR **1957192**
 DATE 18.11.2019
 AGENCY'S ORDER NR. GH01KON002004
 A07 CUSTOMER'S ORDER NUMBER
 1113453
 A10 PART NUMBER
 XR355068P

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

JITZ 1.78

| A08.2 ITEM | B09 THICKNESS mm | B10 WIDTH mm | B11 LENGTH mm |
|------------|------------------|--------------|---------------|
| 4 | 6.00 | 1500.00 | 3000.00 |

| A08.2 ITEM | B07.1 COILNO | B07.1 PART | B13 WEIGHT kg | B08 AMOUNT | 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 % | | |
| 4 | 662027 4718382 | 01300 | 425 | 2 | 020930 020930 | .0680 | .0144 | .5183 | .0091 | .0037 | .0096 | .0384 | .0033 | .0001 | .0007 | .0014 | .0235 | .0213 | .0302 | .0017 | .0005 | .0007 | | |
| | 13 | | 28715 | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | | 13 | | | | | | | | | | | | | | | | | | | | | | |

| A08.2 ITEM | B07.1 COILNO | B07.1 PART | B13 WEIGHT kg | B08 AMOUNT | 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 °C | yield p. strength Re MPa | strength Rm MPa | A60mm % | Fa | S0 cm ² | PR ° | Temp °C | KV2_1 J | KV2_2 J | KV2_3 J | KV2_m J |
| 4 | 662026 4718340 | 00100 | 2360 | 11 | 020930 020930 | 0 | F | 20 | 399 | 482 | 34 | 1 | .8 | 0 | -20 | 218 | 206 | 222 | 215 |
| | 662026 4718341 | 00200 | 2350 | 11 | 020930 020930 | 0 | F | 20 | 399 | 482 | 34 | 1 | .8 | 0 | -20 | 218 | 206 | 222 | 215 |
| | 662026 4718342 | 00300 | 2355 | 11 | 020930 020930 | 0 | F | 20 | 399 | 482 | 34 | 1 | .8 | 0 | -20 | 218 | 206 | 222 | 215 |
| | 662026 4718343 | 00400 | 2355 | 11 | 020930 020930 | 0 | F | 20 | 399 | 482 | 34 | 1 | .8 | 0 | -20 | 218 | 206 | 222 | 215 |
| | 662026 4718344 | 00500 | 2355 | 11 | 020930 020930 | 0 | F | 20 | 399 | 482 | 34 | 1 | .8 | 0 | -20 | 218 | 206 | 222 | 215 |
| | 662026 4718345 | 00600 | 2355 | 11 | 020930 020930 | 0 | F | 20 | 399 | 482 | 34 | 1 | .8 | 0 | -20 | 218 | 206 | 222 | 215 |
| | 662026 4718346 | 00700 | 2360 | 11 | 020930 020930 | 0 | F | 20 | 399 | 482 | 34 | 1 | .8 | 0 | -20 | 218 | 206 | 222 | 215 |

| | | | |
|--|--|----------------------|---|
| 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 | C43 result in J related to specimensize (C44) |
|--|--|----------------------|---|



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

A02 CERTIFICATE
A03 Page: 04 / 04
20200020908-00
Inspection certificate 3.1 EN 10204
A05 ORIGINATOR OF THE DOCUMENT
ArcelorMittal Bremen GmbH
Carl-Benz-Straße 30, 28237 Bremen
zeugnisse.bremen@arcelormittal.com
Telefon 0421/6482813

A09 DISPATCH NOTE
DATE 0000963094
24.03.2020
A08.1 MANUFACTURER'S ORDER NR **1957192**
DATE 18.11.2019
AGENCY'S ORDER NR. GH01KON002004
A07 CUSTOMER'S ORDER NUMBER
1113453
A10 PART NUMBER
XR355068P

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

JITZ 1.78

| A08.2 ITEM | B09 THICKNES mm | B10 WIDTH mm | B11 LENGTH mm |
|---------------|-----------------------|--------------------|---------------------|
| 4 | 6.00 | 1500.00 | 3000.00 |

| A08.2 ITEM | B07.1 COILNO | B07.1 PART | B13 WEIGHT kg | B08 AMOUNT | B07.2 HEAT | TENSILE TEST | | | | | | BEND TEST | | SHOCK TEST | | | | | |
|---------------|-----------------|---------------|---------------------|---------------|---------------|--------------|--------|------------|-----------------|-----------------|------------|-----------|-----------------------|------------|------------|------------|------------|------------|------------|
| | | | | | | C02 | C04 | C03 | C11 yield p. | C12 strength | C13 | C50 | C44 | C02 | C03 | C42 | C42 | C42 | C43 |
| | | | | | | PR ° | MAZ | Temp °C | Re MPa | Rm MPa | A60mm % | Fa | S0 cm ² | PR ° | Temp °C | KV2_1 J | KV2_2 J | KV2_3 J | KV2_m J |
| 4 | 662026 | 00800 | 2360 | 11 | 020930 | 0 | F | 20 | 399 | 482 | 34 | 1 | .8 | 0 | -20 | 218 | 206 | 222 | 215 |
| | | | | | | 4718347 | 020930 | 90 | F | 20 | 402 | 477 | 32 | | | | | | |
| | 662026 | 00900 | 2360 | 11 | 020930 | 0 | F | 20 | 399 | 482 | 34 | 1 | .8 | 0 | -20 | 218 | 206 | 222 | 215 |
| | | | | | | 4718348 | 020930 | 90 | F | 20 | 402 | 477 | 32 | | | | | | |
| | 662026 | 01000 | 2360 | 11 | 020930 | 0 | F | 20 | 399 | 482 | 34 | 1 | .8 | 0 | -20 | 218 | 206 | 222 | 215 |
| | | | | | | 4718349 | 020930 | 90 | F | 20 | 402 | 477 | 32 | | | | | | |
| | 662026 | 01100 | 2360 | 11 | 020930 | 0 | F | 20 | 399 | 482 | 34 | 1 | .8 | 0 | -20 | 218 | 206 | 222 | 215 |
| | | | | | | 4718350 | 020930 | 90 | F | 20 | 402 | 477 | 32 | | | | | | |
| | 662026 | 01200 | 2360 | 11 | 020930 | 0 | F | 20 | 399 | 482 | 34 | 1 | .8 | 0 | -20 | 218 | 206 | 222 | 215 |
| | | | | | | 4718351 | 020930 | 90 | F | 20 | 402 | 477 | 32 | | | | | | |
| | 662027 | 01300 | 425 | 2 | 020930 | 0 | F | 20 | 400 | 482 | 34 | 1 | .8 | 0 | -20 | 182 | 180 | 184 | 182 |
| | | | | | | 4718382 | 020930 | 90 | F | 20 | 403 | 477 | 32 | | | | | | |
| | | | 13 | | 28715 | | | | | | | | | | | | | | |
| TOTAL | | | 13 | | 28715 | | | | | | | | | | | | | | |

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

BREMEN 24.03.2020



QUALITY DEPARTMENT
SITE EXPERT FOR INSPECTION
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 | C43 result in J related to specimensize (C44) |
|---|---|-------------------------|--|