# INSPECTION CERTIFICATE EN 10204-3.1

A02 — N° 0081669266 — Page 1 — A09/A03

ArcelorMittal

ARCELORMITTAL FRANCE MARDYCK
ROUTE DE SPYCKER
BP 129 F-59760 GRANDE SYNTHE
A01

Mill's identification: MK (A04)

Hot rolled pickled coil (B03)

| Sizes | Length | Width | Thickness |
|---|---|---|---|
| | B09 | B10 | B11 |
| | | 1500,00 | 8,000 |

CDC: According to specifications
BL : As rolled
D : Stress relieving
R : Annealed

| Inspection organism | Customer and/or consignee | Customer's Order Nbr | Mill's Order Nbr | Grade and technical specifications | Delivery condition |
|---|---|---|---|---|---|
| METALLURGIE QUALITE (A05) | Feon OY<br>Hepokarintie 9<br>23500 UUSIKAUPUNKI Finland (A06) | 45083 (A07) | GH31FEO001 000001 (A08) | **Quality :** AMSTRONG355MC / S355MC EN10149 2013 **Standard :** MULTIPLE (B01/B02) | CDC (B04) |

| Coating | Mass | Chemical treatment | Spangle | Appearence | Protection |
|---|---|---|---|---|---|
| **Face 1** | | without treatme | | A | STD PROTECTION |
| **Face 2** | | without treatme | | A | STD PROTECTION |

**Article reference :** 2463360

Treatment of test samples: CDC (B05)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Minimum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Product identification | Heat number | P (1) | Net Weight Kg | Longitudinal tensile test Ys MPA | Ts MPA | EL% 2 (2) | Transverse tensile test YS | TS | EL% (2) | n (5) | | | Roughness (3) Ra µm | Peaks | | | | | | | Coating (4) Edge | Center | Edge | Aver. | Edge | Center | Edge | Aver. | Aver. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B07 | C00 | C01 | | C11 | C12 | C13 | C11 | C12 | C13 | | | | | | | | | | | | | | | | | | | | | | | |
| 29233000 | 8643083087 | F | 21940 | 411 | 503 | 31 | | | | 0,160 | | | | | | | | | | | | | | | | | | | | | | |
| 29232900 | 8643083085 | F | 22120 | 417 | 510 | 30 | | | | 0,160 | | | | | | | | | | | | | | | | | | | | | | |
| 29232800 | 8643083080 | F | 22020 | 411 | 504 | 31 | | | | 0,160 | | | | | | | | | | | | | | | | | | | | | | |
| 29233100 | 8643083080 | F | 21980 | 411 | 504 | 31 | | | | 0,160 | | | | | | | | | | | | | | | | | | | | | | |
| 29302300 | 8643083093 | F | 22340 | 419 | 509 | 30 | | | | 0,160 | | | | | | | | | | | | | | | | | | | | | | |
| 29338400 | 8643084361 | F | 21980 | 413 | 505 | 31 | | | | 0,160 | | | | | | | | | | | | | | | | | | | | | | |
| 29338700 | 8643084361 | F | 21920 | 415 | 506 | 31 | | | | 0,160 | | | | | | | | | | | | | | | | | | | | | | |

Chemical analysis in % ( * : product analysis )

| Heat number | C | Mn | P | S | Si | Al | N | Ti | Nb | V | Ni | Cr | Cu | Mo |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C00 | C71 | C72 | C73 | C74 | C75 | C76 | C77 | C78 | C79 | C80 | C81 | C82 | C83 | C84 |
| Minimum | | | | | | | | | | | | | | |
| Maximum | | | | | | | | | | | | | | |
| 8643083087 | 0,0684 | 1,1645 | 0,0172 | 0,0043 | 0,0116 | 0,0265 | 0,0052 | 0,0095 | 0,0232 | 0,0003 | 0,0136 | 0,0276 | 0,0146 | 0,0035 |
| 8643083085 | 0,0703 | 1,1668 | 0,0203 | 0,0038 | 0,0129 | 0,0326 | 0,0046 | 0,0108 | 0,0241 | 0,0006 | 0,0153 | 0,0327 | 0,0214 | 0,0019 |
| 8643083080 | 0,0708 | 1,1555 | 0,0163 | 0,0042 | 0,0111 | 0,0288 | 0,0051 | 0,0090 | 0,0241 | 0,0002 | 0,0122 | 0,0271 | 0,0098 | 0,0006 |
| 8643083093 | 0,0689 | 1,1577 | 0,0125 | 0,0038 | 0,0151 | 0,0303 | 0,0054 | 0,0123 | 0,0270 | 0,0003 | 0,0119 | 0,0290 | 0,0122 | 0,0021 |
| 8643084361 | 0,0718 | 1,1637 | 0,0154 | 0,0043 | 0,0120 | 0,0318 | 0,0061 | 0,0117 | 0,0253 | 0,0005 | 0,0146 | 0,0349 | 0,0206 | 0,0015 |

(1) Location
D : Head
M : Middle
F : Tail
C01

(2) 1: LO = 80mm
2: LO = 5.65√SO
3: JIS 25x50
C10

(3)

(4)

(5) n : Longitudinal

We hereby certify that the above cited shipment was produced according to the technical specifications of the contract and that, with inspection and tests completed, it meets those specifications as well as all norms and standards referred to in the contract. Z01

Inspection of markings, surface, sizes : satisfactory. D01

Date 15/03/23
Receiving Agent
S.MATEOS

076

Z02/Z03