INSPECTION CERTIFICATE EN 10204-3.1

A02

N° 0081550526 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: METALLURGIE QUALITE A05

Customer and/or consignee: HTM YHTIOT OY, TIILITEHTAANTIE 23, 12310 RYTTYLAE, Finland A06

Customer's Order Nbr: 15890/001 A07

Mill's Order Nbr: GH23HTH017 000001 A08

Grade and technical specifications

Quality : AMSTRONG355MC / S355MC EN10149 2013 **Standard :** MULTIPLE

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

Article reference : AMSTRONG355MC_PICKLED B01/B02

Delivery condition: CDC B04

Treatment of test samples: CDC B05

	Product identification	Heat number	P (1)	Net Weight Kg	Longitudinal tensile test Ys MPA	Longitudinal tensile test Ts MPA	Longitudinal tensile test EL% 2 (2)	Transverse tensile test YS	Transverse tensile test TS	Transverse tensile test EL% (2)	n (5)	Roughness (3) Ra µm	Roughness (3) Peaks	Coating (4) Edge	Coating (4) Center	Coating (4) Edge	Coating (4) Aver.	Coating (4) Edge	Coating (4) Center	Coating (4) Edge	Coating (4) Aver.	Coating (4) Aver.
Minimum																						
Maximum																						
	B07	C00	C01		C11	C12	C13	C11	C12	C13												
	28538041	8642072192	M	12940	410	498	32				0,170											
	28627840	8642073438	M	13610	406	492	35				0,180											
	28627841	8642073438	M	14230	406	492	35				0,180											
	28627740	8642073438	M	13720	406	492	35				0,180											

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														
8642072192	0,0718	1,1564	0,0141	0,0033	0,0102	0,0381	0,0053	0,0124	0,0245	0,0005	0,0112	0,0158	0,0097	0,0008
8642073438	0,0638	1,1319	0,0154	0,0034	0,0126	0,0317	0,0057	0,0104	0,0252	0,0006	0,0152	0,0186	0,0101	0,0025

(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 15/09/22
Receiving Agent
S.MATEOS

258 Z02/Z03