



ArcelorMittal

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ArcelorMittal Belgium NV

John Kennedylaan, 51
9042 Gent (Belgie)

Tel.: +32 9.347.31.11
Fax: +32 9.347.49.07

CERTIFICATE
INSPECTION CERTIFICATE ACCORDING EN10204-3.1
OR EQUIVALENT.

231369863 P. 01/04

DISPATCH NOTE
DATE
ORDER NUMBER
DATE

4587165
12-09-2023
79079
NAANTALI STEEL SERVICE CENTRE OY
RAUTAKATU 5
FIN-21110 NAANTALI
FINLAND
0837718

NAANTALI STEEL SERVICE CENTRE OY

RAUTAKATU 5
FIN-21110 NAANTALI
FINLAND
0083771

A05 AUTHOR OF THE DOCUMENT
AM GENT/ QUALITY DEPARTMENT

YOUR REFERENCES
OUR REFERENCES

OBC-AU/DHAH

B01-B04 MATERIAL - HOT ROLLED STEEL COILS, PICKLED,

STANDARD = AM FCE

QUALITY AMSTRONG355MC
STAND: EN 10051 (2010)

B09 ITEM B10 WIDTH B11 THICKNESS REF. CUSTOMER

ITEM	MM	MM	MM
02	1.500	5.00	11019044
04	1.500	3.00	11019037
06	1.500	6.00	11019045
08	1.500	4.00	11019043

CHEMICAL ANALYSIS
C70 STEELMAKING PROCESS: LD

B09 ITEM	PACK NR	B13 GROSS WEIGHT KG	B07 COIL NO	B08 CAST N.	C71	C72	C73	C74	C75	C76	C77	C78	C79	C80	C81	C82	C83	C84	C85	CEQ2
02	867777656	13300	63166808	61338	65	52	20	17	4	26	41	1	20	10	20	27	0	2	0	158
	867777661	13360	63166815	61338	65	52	20	17	4	26	41	1	20	10	20	27	0	2	0	158
	867786461	10790	63289675	61328	68	52	20	16	5	28	45	1	20	0	20	26	0	2	0	160
	867786467	10800	63396290	61328	68	52	20	16	5	28	45	1	20	0	20	26	0	2	0	160
	867786580	13150	63291281	61350	76	55	20	16	4	27	35	1	20	10	30	26	0	2	0	175
	867786584	13190	63291298	61350	76	55	20	16	4	27	35	1	20	10	30	26	0	2	0	175
	867786588	13170	63291304	61341	71	53	20	16	5	21	26	1	20	10	20	25	0	2	0	166
	867786589	13250	63291311	61341	71	53	20	16	5	21	26	1	20	10	20	25	0	2	0	166
	867786593	13270	63291328	61343	75	50	20	14	5	21	34	1	20	10	20	27	0	2	0	165
	867786595	13270	63291335	61343	75	50	20	14	5	21	34	1	20	10	20	27	0	2	0	165
	10	127550																		

04	867764971	12430	62934330	61254	67	34	20	14	5	29	35	1	20	10	30	24	0	1	0	131
	867781946	13420	63233322	61256	67	33	20	19	7	39	28	1	20	10	30	25	0	2	0	129
	867781952	13310	63233339	61256	67	33	20	19	7	39	28	1	20	10	30	25	0	2	0	129
	867781955	13310	63233353	61277	72	37	20	17	5	32	38	1	20	10	20	24	0	2	0	140
	867781957	13390	63233360	61258	72	34	20	15	7	27	34	1	20	10	30	25	0	2	0	136
	867781961	13340	63233377	61258	72	34	20	15	7	27	34	1	20	10	30	25	0	2	0	136
	867781965	13370	63233384	61254	67	34	20	14	5	29	35	1	20	10	30	24	0	1	0	131
	867781969	13370	63233346	61277	72	37	20	17	5	32	38	1	20	10	20	24	0	2	0	140
	867781972	13330	63233391	61277	72	37	20	17	5	32	38	1	20	10	20	24	0	2	0	140
	867781980	13210	63233414	61277	72	37	20	17	5	32	38	1	20	10	20	24	0	2	0	140
	867781985	13290	63233429	61275	73	37	20	17	6	32	30	1	20	10	30	26	0	2	0	142
	867792562	13290	63233429	61275	73	37	20	17	6	32	30	1	20	10	30	26	0	2	0	142
	867792571	13290	63233308	61275	73	37	20	17	6	32	30	1	20	10	30	26	0	2	0	142

C04 CONDITION OF THE SPECIMEN
V:AGED F:NON-AGED N:NORMALISED

C02 DIRECTION SPECIMEN
L:OGR S:45GR D:90GR

A01	A02		A03	A09	DISPATCH NOTE	4587165	A06.1 CUSTOMER
ArcelorMittal		CERTIFICATE	231369863 P. 02/04	DATE	12-09-2023	NAANTALI STEEL SERVICE CENTRE OY RAUTAKATU 5 FIN-21110 NAANTALI FINLAND	
ArcelorMittal Belgium NV John Kennedylaan, 51 9042 Gent (Belgie) Tel.: +32 9.347.31.11 Fax: +32 9.347.49.07		INSPECTION CERTIFICATE ACCORDING EN10204-3.1 OR EQUIVALENT.		A08	ORDER NUMBER	79079	0837718
				A07	YOUR ORDER NO	4500095409	NAANTALI STEEL SERVICE CENTRE OY RAUTAKATU 5 FIN-21110 NAANTALI FINLAND
					DATE	18-07-2023	
					CONTRACT NO	GH34NAA001	
				YOUR REFERENCES			
				OUR REFERENCES		OBC-AU/DHAI	

B01-B04 MATERIAL - HOT ROLLED STEEL COILS, PICKLED, STANDARD = AM FCE
QUALITY AMSTRONG355MC
STAND: EN 10051 (2010)

CHEMICAL ANALYSIS																				
C70 STEELMAKING PROCESS: LD																				
B09 ITEM	PACK NR	B13 GROSS WEIGHT KG	B07 COIL NO	B08 CAST N.	C71 C	C72 Mn	C73 Si	C74 P	C75 S	C76 N	C77 Al t	C78 Ti	C79 Cr	C80 Ni	C81 Cu	C82 Nb	C83 B	C84 V	C85 Mo	CEQ2 10 ⁻³ %
04																				
13		172350																		
06	867769438	13460	62966096	3034420	66	51	6	13	4	20	41	0	22	7	9	26	0	0	2	156
	867782109	12410	63234248	61358	64	50	20	17	6	36	40	2	20	10	30	25	0	1	0	154
	867782111	12550	63234255	61358	64	50	20	17	6	36	40	2	20	10	30	25	0	1	0	154
	867783037	13340	63235041	61341	71	53	20	16	5	21	26	1	20	10	20	25	0	2	0	166
	867783051	13310	63235058	61341	71	53	20	16	5	21	26	1	20	10	20	25	0	2	0	166
	867783256	13370	63235362	61337	68	51	20	14	4	17	35	1	20	10	20	28	0	2	0	159
	867783259	13340	63235379	61337	68	51	20	14	4	17	35	1	20	10	20	28	0	2	0	159
	867783267	13140	63235386	61352	70	52	20	17	4	38	39	2	20	10	30	25	0	2	0	164
	867783269	13190	63235393	61352	70	52	20	17	4	38	39	2	20	10	30	25	0	2	0	164
9		118110																		
08	867765501	13470	62934811	3033913	66	50	13	15	5	41	38	0	16	6	7	26	0	0	1	153
	867767778	13530	62965439	1614389	76	54	8	15	8	29	42	0	17	6	8	25	0	0	1	171
	867790270	13310	63235308	61355	69	52	20	18	5	30	31	2	20	0	20	24	0	1	0	161
	867790280	13330	63235322	61349	74	52	20	12	5	32	40	1	20	10	30	25	0	2	0	168
	867790286	13240	63235315	61355	69	52	20	18	5	30	31	2	20	0	20	24	0	1	0	161
	867790292	13310	63235339	61349	74	52	20	12	5	32	40	1	20	10	30	25	0	2	0	168
	867791145	13360	63236545	61342	65	52	20	14	5	19	31	1	20	10	20	26	0	2	0	158
	867791158	13300	63236552	61342	65	52	20	14	5	19	31	1	20	10	20	26	0	2	0	158
8		106850																		
40		524860																		

C04 CONDITION OF THE SPECIMEN C02 DIRECTION SPECIMEN
V:AGED F:NON-AGED N:NORMALISED L:OCR S:45GR D:90GR


ArcelorMittal

ArcelorMittal Belgium NV
ArcelorMittal Gent

John Kennedylaan, 51
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A01 A02
CERTIFICATE

INSPECTION CERTIFICATE ACCORDING EN10204-3.1
OR EQUIVALENT.

A03
231369863 P. 03/04

A09 DISPATCH NOTE
DATE 12-09-2023

4587165

A06.1 CUSTOMER
NAANTALI STEEL SERVICE CENTRE OY
RAUTAKATU 5
FIN-21110 NAANTALI
FINLAND
0837718

A08 ORDER NUMBER
DATE 79079

A07 YOUR ORDER NO 4500095409

DATE 18-07-2023

A06.2 DESTINATION
NAANTALI STEEL SERVICE CENTRE OY
RAUTAKATU 5
FIN-21110 NAANTALI
FINLAND
0083771

CONTRACT NO GH34NAA001

YOUR REFERENCES

OUR REFERENCES OBC-AU/DHAH

B01-B04 MATERIAL - HOT ROLLED STEEL COILS, PICKLED,
QUALITY AMSTRONG355MC
STAND: EN 10051 (2010)

STANDARD = AM FCE

MECHANICAL PROPERTIES

TENSILE TEST

B09 ITEM	PACK NR	CO4	CO2	C11 YIELD RPO. 2 MPa	C12 STRENGTH Rm MPa	C13 A %	CO2	C44 TKC C	C41 THICKNESS D1KC mm	C42 KCV1 J	C42 KCV2 J	C42 KCV3 J	C43 KCV J
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02	867777656	F	L	392	478	35							
	867777661	F	L	392	478	35							
	867786461	F	L	387	475	36							
	867786467	F	L	387	475	36							
	867786580	F	L	403	491	33							
	867786584	F	L	403	491	33							
	867786588	F	L	371	473	35							
	867786589	F	L	371	473	35							
	867786593	F	L	385	475	34							
	867786595	F	L	385	475	34							
10													

04	867764971	F	L	365	470	36							
	867781946	F	L	358	465	37							
	867781952	F	L	358	465	37							
	867781955	F	L	375	479	36							
	867781957	F	L	365	470	39							
	867781961	F	L	365	470	39							
	867781965	F	L	372	476	38							
	867781969	F	L	375	479	36							
	867781972	F	L	372	476	38							
	867781980	F	L	400	476	39							
	867781985	F	L	400	476	39							
	867792562	F	L	388	477	37							
	867792571	F	L	388	477	37							
13													

06	867769438	F	L	376	471	32	L	-20	6,00	141	135	148	141
	867782109	F	L	383	474	33	L	-20	6,00	131	135	128	131
	867782111	F	L	383	474	33	L	-20	6,00	131	133	137	134

CO4 CONDITION OF THE SPECIMEN CO2 DIRECTION SPECIMEN
V:AGED F:NON-AGED N:NORMALISED L:OGR S:45GR D:90GR

A01	A02	A03	A09	A06.1 CUSTOMER	
 ArcelorMittal ArcelorMittal Belgium NV John Kennedylaan, 51 9042 Gent (België) Tel.: +32 9.347.31.11 Fax: +32 9.347.49.07	CERTIFICATE INSPECTION CERTIFICATE ACCORDING EN10204-3.1 OR EQUIVALENT.	231369863 P. 04/04	DISPATCH NOTE	4587165	NAANTALI STEEL SERVICE CENTRE OY RAUTAKATU 5 FIN-21110 NAANTALI FINLAND
			DATE	12-09-2023	
		A08	ORDER NUMBER	79079	A06.2 DESTINATION
		DATE			
		A07	YOUR ORDER NO	4500095409	NAANTALI STEEL SERVICE CENTRE OY RAUTAKATU 5 FIN-21110 NAANTALI FINLAND
		DATE	18-07-2023		
		CONTRACT NO	GH34NAA001		0083771
		YOUR REFERENCES			
	A05	OUR REFERENCES	OBC-AU/DHAH		

B01-B04 MATERIAL - HOT ROLLED STEEL COILS , PICKLED, STANDARD = AM FCE
QUALITY AMSTRONG355MC
STAND: EN 10051 (2010)

MECHANICAL PROPERTIES									
TENSILE TEST					C40 IMPACT (CHARPY V)				
B09 ITEM	PACK NR	CO4	CO2	C11	C12	C13	CO2	C44	CA1
				YIELD RPO. 2 MPa	STRENGTH Rm MPa	A %	TKC C	THICKNESS DICK mm	CA1
06	867783037	F	L	377	472	36	L	-20	6,00
	867783051	F	L	377	472	36	L	-20	6,00
	867783256	F	L	375	473	35	L	-20	6,00
	867783259	F	L	375	473	35	L	-20	6,00
	867783267	F	L	394	484	34	L	-20	6,00
	867783269	F	L	394	484	34	L	-20	6,00
9									
08	867765501	F	L	378	485	34	L	-20	6,00
	867767778	F	L	405	488	36	L	-20	6,00
	867790270	F	L	372	482	35	L	-20	6,00
	867790280	F	L	376	485	35	L	-20	6,00
	867790286	F	L	372	482	35	L	-20	6,00
	867790292	F	L	376	485	35	L	-20	6,00
	867791145	F	L	389	486	37	L	-20	6,00
	867791158	F	L	389	486	37	L	-20	6,00
8									

REMARKS
TENSILE TEST SPECIMEN LC/LO/BO 120/ 5.65 SQR(SO) / 20 MM.
REFERENCES

ORDER ITEM 02 - 11019044 ORDER ITEM 04 - 11019037 ORDER ITEM 06 - 11019045 ORDER ITEM 08 - 11019043 GENT 12-09-2023
C04 CONDITION OF THE SPECIMEN C02 DIRECTION SPECIMEN
V:AGED F:NON-AGED N:NORMALISED L:OGR S:45GR D:90GR

R. SLOCK
QUALITY DEPARTMENT
Z01