



ArcelorMittal

A01
ArcelorMittal Belgium NV
ArcelorMittal Gent

John Kennedylaan, 51
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A02
CERTIFICATE

INSPECTION CERTIFICATE ACCORDING EN10204-3.1
OR EQUIVALENT.

A03
231369863 P. 01/04

A09 DISPATCH NOTE
DATE 12-09-2023

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

A08 ORDER NUMBER
DATE 79079

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

A07 YOUR ORDER NO
DATE 4500095409
18-07-2023

CONTRACT NO
GH34NAA001

YOUR REFERENCES

OUR REFERENCES
OBC-AU/DHAH

STANDARD = AM FCE

B01-B04 MATERIAL - HOT ROLLED STEEL COILS, PICKLED,
QUALITY AMSTRONGS55MC
STAND: EN 10051 (2010)

B09 ITEM B70 WIDTH B71 THICKNESS REF. CUSTOMER

	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 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
02	867777656	13300	63166808	61338	10-3%	52	10-2%	10-3%	10-3%	10-4%	26	41	1	20	10	20	27	0	2	0
	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	33	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	30	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	30	24	0	2	0	140
	867781972	13290	63233391	61254	67	34	20	14	5	29	35	1	20	10	30	24	0	1	0	131
	867781980	13330	63233407	61277	72	37	20	17	5	32	38	1	20	10	30	24	0	2	0	140
	867781985	13210	63233414	61277	72	37	20	17	5	32	38	1	20	10	30	24	0	2	0	140
	867792562	13290	63343292	61275	73	37	20	17	6	32	30	1	20	10	30	26	0	2	0	142
	867792571	13290	63343308	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

Handwritten mark

ArcelorMittal

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A02
CERTIFICATE
INSPECTION CERTIFICATE ACCORDING EN10204-3.1
OR EQUIVALENT.

A03
231369863 P. 03/04

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

A08 ORDER NUMBER
79079

A07 YOUR ORDER NO
4500095409

DATE
18-07-2023

CONTRACT NO
GH34NAAO01

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

C40 IMPACT (CHARPY V)

B09 ITEM	PACK NR	C04 CO2	C11 YIELD RPO.2 MPa	C12 STRENGTH Rm MPa	C13 A %	C02 TKC C	C41 THICKNESS D1KC mm	C42 KCV1 J	C42 KCV2 J	C42 KCV3 J	C43 KCV J
02	867777656	F	392	478	35						
	867777661	F	392	478	35						
	867786461	F	387	475	36						
	867786467	F	387	475	36						
	867786580	F	403	491	33						
	867786584	F	403	491	33						
	867786588	F	371	473	35						
	867786589	F	371	473	35						
	867786593	F	385	475	34						
	867786595	F	385	475	34						
10											

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

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

CO4 CONDITION OF THE SPECIMEN
V:AGED F:NON-AGED N:NORMALISED
L:OGR S:45GR D:9OGR

CO2 DIRECTION SPECIMEN

A01	A02	A03	A09	A06.1 CUSTOMER
ArcelorMittal	CERTIFICATE	231369863 P. 04/04	DISPATCH NOTE	4587165
ArcelorMittal Belgium NV	INSPECTION CERTIFICATE ACCORDING EN10204-3.1 OR EQUIVALENT.	A08	DATE	12-09-2023
John Kennedylaan, 51		ORDER NUMBER	79079	NAANTALI STEEL SERVICE CENTRE OY
9042 Gent (Belgie)		DATE		RAUTAKATU 5
Tel.: +32 9.347.31.11				FIN-21110 NAANTALI
Fax: +32 9.347.49.07				FINLAND
				A06.2 DESTINATION
				0083771
				NAANTALI STEEL SERVICE CENTRE OY
				RAUTAKATU 5
				FIN-21110 NAANTALI
				FINLAND

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

MECHANICAL PROPERTIES												
TENSILE TEST												
B09	ITEM	PACK NR	CO4	CO2	C11	C12	C13	CO2	C44	C41	C42	C43
					YIELD	STRENGTH	A	TKC	THICKNESS	KCV1	KCV2	KCV3
					Rp0.2	Rm	%	C	D1KC	mm	J	J
06		867783037	F	L	377	472	36	-20	6.00	138	152	129
		867783051	F	L	377	472	36	-20	6.00	138	139	143
		867783256	F	L	375	473	35	-20	6.00	141	126	142
		867783259	F	L	375	473	35	-20	6.00	141	151	153
		867783267	F	L	394	484	34	-20	6.00	135	130	137
		867783269	F	L	394	484	34	-20	6.00	135	136	142
08		867765501	F	L	378	485	34					
		867767778	F	L	405	488	36					
		867790270	F	L	372	482	35					
		867790280	F	L	376	485	35					
		867790286	F	L	372	482	35					
		867790292	F	L	376	485	35					
		867791145	F	L	389	486	37					
		867791158	F	L	389	486	37					

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

R. SLOCK
QUALITY DEPARTMENT