



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

A02
CERTIFICATE
A03 Page: 01 / 03
20140070626-00
Inspection certificate 3.1 EN 10204
A05 ORIGINATOR OF THE DOCUMENT
ArcelorMittal Bremen GmbH
Abnahme/Zeugnisschreibung
zeugnisse.bremen@arcelormittal.com
Telefon 0421/6482813

A09 DISPATCH NOTE
DATE 0000174919
SHIP 11.11.2014
LEZHEVO
A08.1 MANUFACTURER'S ORDER NR **1431054**
DATE 12.09.2014
AGENCY'S ORDER NR. FH4JALU001013
A07 CUSTOMER'S ORDER NUMBER
28686

A06.1 CUSTOMER
Oy AluSteel Ab
Telakkatie 4
23500 Uusikaupunki
Finnland
A06.2 CONSIGNEE
Oy AluSteel Ab
Hepokarintie 9
23500 UUSIKAUPUNKI
Finnland

PRODUCT: hot rolled unpickled coil

QUALITY: **AMSTRONG355MC**

STANDARD: **AM FCE**

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

JITZ 1.70

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 23500 Uusikaupunki
 Finland
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Oy AluSteel Ab
 Hepokarintie 9
 23500 UUSIKAUPUNKI
 Finland

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A08.2 ITEM	B11 THICKNES mm	B12 WIDTH mm
13	10.00	1500.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B14 WEIGHT kg	B07.2 HEAT	CHEMICAL ANALYSIS																			
					C71	C73	C72	C74	C75	C77	C76													
					C %	Si %	Mn %	P %	S %	Cu %	Al %	N %	B %	V %	Ti %	Nb %	Cr %	Ni %	Mo %	As %	Sn %			
13	256448	00000	27420	705521	.0731	.0054	.7272	.0138	.0060	.0096	.0348	.0032	00000	.0011	.0007	.0414	.0275	.0148	.0014	.0012	.0028			
	256449	00000	27450	705521	.0731	.0054	.7272	.0138	.0060	.0096	.0348	.0032	00000	.0011	.0007	.0414	.0275	.0148	.0014	.0012	.0028			
	256450	00000	27450	705824	.0705	.0093	.6708	.0166	.0059	.0189	.0297	.0028	00000	.0021	.0008	.0411	.0226	.0170	.0016	.0013	.0044			
	256451	00000	27200	705824	.0705	.0093	.6708	.0166	.0059	.0189	.0297	.0028	00000	.0021	.0008	.0411	.0226	.0170	.0016	.0013	.0044			
	256452	00000	27220	705825	.0694	.0098	.6831	.0170	.0059	.0163	.0362	.0028	00000	.0021	.0008	.0409	.0254	.0164	.0015	.0013	.0027			
	256453	00000	28040	705825	.0694	.0098	.6831	.0170	.0059	.0163	.0362	.0028	00000	.0021	.0008	.0409	.0254	.0164	.0015	.0013	.0027			
	256454	00000	27470	705825	.0694	.0098	.6831	.0170	.0059	.0163	.0362	.0028	00000	.0021	.0008	.0409	.0254	.0164	.0015	.0013	.0027			
	256455	00000	27470	705825	.0694	.0098	.6831	.0170	.0059	.0163	.0362	.0028	00000	.0021	.0008	.0409	.0254	.0164	.0015	.0013	.0027			
	279286	00000	27320	705521	.0731	.0054	.7272	.0138	.0060	.0096	.0348	.0032	00000	.0011	.0007	.0414	.0275	.0148	.0014	.0012	.0028			
	9		247040																					
TOTAL	9		247040																					

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B14 WEIGHT kg	B07.2 HEAT	TENSILE TEST					BENDTEST	SHOCK TEST					
					C02	C03	C11 yield	C12 streng	C13	C50	C02	C03	C42	C42	C42	C43
					PR	Temp °C	Re MPa	Rm MPa	A100 %	Fa	PR	Temp °C	KV2_1 J	KV2_2 J	KV2_3 J	KV2_m J
13	256448	00000	27420	705521	0	20	393	480	31.5	1	0	-20	234	260	245	246
	256449	00000	27450	705521	0	20	396	482	31.4	1	0	-20	248	257	261	255
	256450	00000	27450	705824	0	20	390	476	31.6	1	0	-20	203	260	177	213
	256451	00000	27200	705824	0	20	393	479	31.4	1	0	-20	216	211	213	213
	256452	00000	27220	705825	0	20	391	477	31.6	1	0	-20	221	213	205	213
	256453	00000	28040	705825	0	20	392	478	31	1	0	-20	215	218	227	220
	256454	00000	27470	705825	0	20	390	476	31.6	1	0	-20	237	267	244	249

C02 test direction relating to rolling direction	C04 specimen condition V:aged F:fresh N:normalised	C50 bend test 1:good	C43 result in J relating to 8 x 10 mm specimen
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A08.2 ITEM	B11 THICKNESS mm	B12 WIDTH mm
13	10.00	1500.00

A08.2 ITEM	B07.1 COIL NO	B07.1 PART	B14 WEIGHT kg	B07.2 HEAT	TENSILE TEST					BEND TEST	SHOCK TEST					
					C02 PR	C03 Temp °C	C11 yield Re MPa	C12 streng Rm MPa	C13 A100 %	C50 Fa	C02 PR	C03 Temp °C	C42 KV2_1 J	C42 KV2_2 J	C42 KV2_3 J	C43 KV2_m J
13	256455	00000	27470	705825	0	20	392	478	31.5	1	0	-20	184	235	237	219
	279286	00000	27320	705521	0	20	398	484	31.3	1	0	-20	188	148	184	173
			9	247040												
TOTAL			9	247040												

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

BREMEN 11.11.2014



QUALITY DEPARTMENT
 SITE EXPERT FOR INSPECTION
 Hesener

C02 test direction relating to rolling direction	C04 specimen condition V:aged F:fresh N:normalised	C50 bend test 1:good	C43 result in J relating to 8 x 10 mm specimen
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