



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

A02
CERTIFICATE
A03 Page: 01 / 04
20190037664-00
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
0000867105
31.05.2019
A08.1 MANUFACTURER'S ORDER NR
DATE
AGENCY'S ORDER NR.
1943511
26.03.2019
FH92KON008005
A07 CUSTOMER'S ORDER NUMBER
1112764
A10 PART NUMBER
XR355158

A06.1 CUSTOMER
OY KONTINO AB
HAKINTIE, 6
01380 VANTAA
Finland
A06.2 CONSIGNEE
OY KONTINO AB
HAKINTIE, 6
01380 VANTAA
Finland

PRODUCT: hot rolled unpickled sheet

QUALITY: **AMSTRONG 355MC**
S355MC

STANDARD: **AM FCE**
EN 10149-2 (00-09-2013)

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

JITZ 1.74

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN

OY KONTINO AB

HAKINTIE, 6

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JITZ 1.74

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
5	15.00	1500.00	3000.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	B07.2 HEAT	CHEMICAL ANALYSIS																	
						C71 C %	C73 Si %	C72 Mn %	C74 P %	C75 S %	C81 Cu %	C77 Al %	C76 N %	C83 B %	C84 V %	C78 Ti %	C82 Nb %	C79 Cr %	C80 Ni %	C85 Mo %	As %	Sn %	
5	185953	00100	2135	4	062277	.0754	.0131	.9197	.0068	.0025	.0205	.0305	.0046	.0001	.0001	.0016	.0509	.0388	.0334	.0066	.0016	.0014	
	4643215																						
	185953	00200	2140	4	062277	.0754	.0131	.9197	.0068	.0025	.0205	.0305	.0046	.0001	.0001	.0016	.0509	.0388	.0334	.0066	.0016	.0014	
	4643216																						
	185953	00300	2145	4	062277	.0754	.0131	.9197	.0068	.0025	.0205	.0305	.0046	.0001	.0001	.0016	.0509	.0388	.0334	.0066	.0016	.0014	
	4643217																						
	185953	00400	2140	4	062277	.0754	.0131	.9197	.0068	.0025	.0205	.0305	.0046	.0001	.0001	.0016	.0509	.0388	.0334	.0066	.0016	.0014	
	4643218																						
	185953	00500	2145	4	062277	.0754	.0131	.9197	.0068	.0025	.0205	.0305	.0046	.0001	.0001	.0016	.0509	.0388	.0334	.0066	.0016	.0014	
	4643219																						
	185953	00600	2150	4	062277	.0754	.0131	.9197	.0068	.0025	.0205	.0305	.0046	.0001	.0001	.0016	.0509	.0388	.0334	.0066	.0016	.0014	
	4643220																						
	185953	00800	2140	4	062277	.0754	.0131	.9197	.0068	.0025	.0205	.0305	.0046	.0001	.0001	.0016	.0509	.0388	.0334	.0066	.0016	.0014	
	4643222																						
	185953	00900	2145	4	062277	.0754	.0131	.9197	.0068	.0025	.0205	.0305	.0046	.0001	.0001	.0016	.0509	.0388	.0334	.0066	.0016	.0014	
	4643223																						
	185953	01000	2150	4	062277	.0754	.0131	.9197	.0068	.0025	.0205	.0305	.0046	.0001	.0001	.0016	.0509	.0388	.0334	.0066	.0016	.0014	
	4643224																						
	185953	01100	2150	4	062277	.0754	.0131	.9197	.0068	.0025	.0205	.0305	.0046	.0001	.0001	.0016	.0509	.0388	.0334	.0066	.0016	.0014	
	4643225																						
	185953	01200	2150	4	062277	.0754	.0131	.9197	.0068	.0025	.0205	.0305	.0046	.0001	.0001	.0016	.0509	.0388	.0334	.0066	.0016	.0014	
	4643226																						
	185953	01300	2140	4	062277	.0754	.0131	.9197	.0068	.0025	.0205	.0305	.0046	.0001	.0001	.0016	.0509	.0388	.0334	.0066	.0016	.0014	
	4643227																						
			12																		25730		
TOTAL			12																		25730		

C02 test direction relating to rolling direction (0°= L; 90°= T)	C04 specimen condition V:aged F:fresh N:normalised	C50 bend test 1:good	C43 result in J related to specimensize (C44)
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 A06.2 CONSIGNEE
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JITZ 1.74

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
5	15.00	1500.00	3000.00

A08.2 ITEM	B07.1 COIL NO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	B07.2 HEAT	TENSILE TEST						BEND TEST	SHOCK TEST						
						C02	C04	C03	C11	C12	C13	C50	C44	C02	C03	C42	C42	C42	C43
						PR °	MAZ	Temp °C	yield p. Re MPa	strength Rm MPa	A120mm %	Fa	S0 cm ²	PR °	Temp °C	KV2_1 J	KV2_2 J	KV2_3 J	KV2_m J
5	185953	00100	2135	4	062277	0	F	20	407	513	29	1	.8	0	-20	263	248	276	262
	4643215																		
	185953	00200	2140	4	062277	0	F	20	407	513	29	1	.8	0	-20	263	248	276	262
	4643216																		
	185953	00300	2145	4	062277	0	F	20	407	513	29	1	.8	0	-20	263	248	276	262
	4643217																		
	185953	00400	2140	4	062277	0	F	20	407	513	29	1	.8	0	-20	263	248	276	262
	4643218																		
	185953	00500	2145	4	062277	0	F	20	407	513	29	1	.8	0	-20	263	248	276	262
	4643219																		
	185953	00600	2150	4	062277	0	F	20	407	513	29	1	.8	0	-20	263	248	276	262
	4643220																		
	185953	00800	2140	4	062277	0	F	20	407	513	29	1	.8	0	-20	263	248	276	262
	4643222																		
	185953	00900	2145	4	062277	0	F	20	407	513	29	1	.8	0	-20	263	248	276	262
	4643223																		
	185953	01000	2150	4	062277	0	F	20	407	513	29	1	.8	0	-20	263	248	276	262
	4643224																		
	185953	01100	2150	4	062277	0	F	20	407	513	29	1	.8	0	-20	263	248	276	262
	4643225																		
	185953	01200	2150	4	062277	0	F	20	407	513	29	1	.8	0	-20	263	248	276	262
	4643226																		
	185953	01300	2140	4	062277	0	F	20	407	513	29	1	.8	0	-20	263	248	276	262
	4643227																		
	12		25730																

C02 test direction relating to rolling direction (0°= L; 90°= T)	C04 specimen condition V: aged F: fresh N: normalised	C50 bend test 1: good	C43 result in J related to specimen size (C44)
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A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
5	15.00	1500.00	3000.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	B07.2 HEAT	TENSILE TEST						BENDTEST		SHOCK TEST			
						C02 PR °	C04 MAZ	C03 Temp °C	C11 yield p. Re MPa	C12 strength Rm MPa	C13 A120mm %	C50 Fa	C44 S0 cm ²	C02 PR °	C03 Temp °C	C42 KV2_1 J	C42 KV2_2 J
TOTAL		12	25730														

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

BREMEN 31.05.2019



QUALITY DEPARTMENT
 SITE EXPERT FOR INSPECTION
 Kramer

Jarkko Kramer

C02 test direction relating to rolling direction (0°= L; 90°= T)	C04 specimen condition V:aged F:fresh N:normalised	C50 bend test 1:good	C43 result in J related to specimensize (C44)
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