



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
20190041555-00
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
0000872698
11.06.2019
A08.1 MANUFACTURER'S ORDER NR
DATE
AGENCY'S ORDER NR.
1942495
05.03.2019
FH92KON003008
A07 CUSTOMER'S ORDER NUMBER
1112687
A10 PART NUMBER
XR355168

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 1.75

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN

OY KONTINO AB

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A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
8	16.00	1500.00	3000.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	B07.2 HEAT	CHEMICAL ANALYSIS																		
						C71	C73	C72	C74	C75	C81	C77	C76	C83	C84	C78	C82	C79	C80	C85	As	Sn		
						C %	Si %	Mn %	P %	S %	Cu %	Al %	N %	B %	V %	Ti %	Nb %	Cr %	Ni %	Mo %	As %	Sn %		
8	687674 4643607	00100	2280	4	061616	.0796	.0215	.9526	.0115	.0027	.0178	.0351	.0047	.0001	.0019	.0021	.0489	.0503	.0364	.0056	.0010	.0017		
	687674 4643608	00200	2280	4	061616	.0796	.0215	.9526	.0115	.0027	.0178	.0351	.0047	.0001	.0019	.0021	.0489	.0503	.0364	.0056	.0010	.0017		
	687674 4643609	00300	2285	4	061616	.0796	.0215	.9526	.0115	.0027	.0178	.0351	.0047	.0001	.0019	.0021	.0489	.0503	.0364	.0056	.0010	.0017		
	687674 4643610	00400	2285	4	061616	.0796	.0215	.9526	.0115	.0027	.0178	.0351	.0047	.0001	.0019	.0021	.0489	.0503	.0364	.0056	.0010	.0017		
	687674 4643611	00500	2285	4	061616	.0796	.0215	.9526	.0115	.0027	.0178	.0351	.0047	.0001	.0019	.0021	.0489	.0503	.0364	.0056	.0010	.0017		
	687674 4643612	00600	2285	4	061616	.0796	.0215	.9526	.0115	.0027	.0178	.0351	.0047	.0001	.0019	.0021	.0489	.0503	.0364	.0056	.0010	.0017		
	687674 4643613	00700	2285	4	061616	.0796	.0215	.9526	.0115	.0027	.0178	.0351	.0047	.0001	.0019	.0021	.0489	.0503	.0364	.0056	.0010	.0017		
	687674 4643614	00800	2290	4	061616	.0796	.0215	.9526	.0115	.0027	.0178	.0351	.0047	.0001	.0019	.0021	.0489	.0503	.0364	.0056	.0010	.0017		
	687674 4643619	00900	1715	3	061616	.0796	.0215	.9526	.0115	.0027	.0178	.0351	.0047	.0001	.0019	.0021	.0489	.0503	.0364	.0056	.0010	.0017		
		9	1990																					
TOTAL		9	1990																					

A08.2 ITEM	B07.1 COILNO	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	yield p. Re	strength Rm	Al25mm %	Fa	S0 cm ²	PR	Temp	KV2_1 J	KV2_2 J	KV2_3 J	KV2_m J

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
8	16.00	1500.00	3000.00

A08.2 ITEM	B07.1 COILNO	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	A125mm %	Fa	S0 cm ²	PR °	Temp °C	KV2_1 J	KV2_2 J	KV2_3 J	KV2_m J
8	687674	00100	2280	4	061616	0	F	20	407	519	28.5	1	.8	0	-20	151	150	147	149
	4643607																		
	687674	00200	2280	4	061616	0	F	20	407	519	28.5	1	.8	0	-20	151	150	147	149
	4643608																		
	687674	00300	2285	4	061616	0	F	20	407	519	28.5	1	.8	0	-20	151	150	147	149
	4643609																		
	687674	00400	2285	4	061616	0	F	20	407	519	28.5	1	.8	0	-20	151	150	147	149
	4643610																		
	687674	00500	2285	4	061616	0	F	20	407	519	28.5	1	.8	0	-20	151	150	147	149
	4643611																		
	687674	00600	2285	4	061616	0	F	20	407	519	28.5	1	.8	0	-20	151	150	147	149
	4643612																		
	687674	00700	2285	4	061616	0	F	20	407	519	28.5	1	.8	0	-20	151	150	147	149
	4643613																		
	687674	00800	2290	4	061616	0	F	20	407	519	28.5	1	.8	0	-20	151	150	147	149
	4643614																		
	687674	00900	1715	3	061616	0	F	20	407	519	28.5	1	.8	0	-20	151	150	147	149
	4643619																		
	9		19990																
TOTAL	9		19990																

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

BREMEN 14.06.2019



QUALITY DEPARTMENT
 SITE EXPERT FOR INSPECTION

Kramer

Andreas 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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