



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
20200038215-00

Inspection certificate 3.1 EN 10204

A05 ORIGINATOR OF THE DOCUMENT
ArcelorMittal Bremen GmbH
Carl-Benz-Straße 30, 28237 Bremen
zeugnisse.bremen@arcelormittal.com
Telefon 0421/6482813

A09 DISPATCH NOTE
DATE

000987341
09.07.2020

A08.1 MANUFACTURER'S ORDER NR **2066068**
DATE 13.03.2020
AGENCY'S ORDER NR. GH02KON009009

A07 CUSTOMER'S ORDER NUMBER
1113821/1113821/90

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 1.78

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN

OY KONTINO AB

HAKINTIE, 6

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 TERMS OF DELIVERY: **EN 10051 (2010)** **S355MC** **EN 10149-2 (00-09-2013)**

JITZ 1.78

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
9	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 %		
9	664301 4747394	00100	2270	4	025039	.0769	.0206	.9658	.0096	.0023	.0121	.0361	.0035	.0001	.0018	.0014	.0527	.0291	.0267	.0030	.0010	.0018		
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	664301 4747395	00200	2270	4	025039	.0769	.0206	.9658	.0096	.0023	.0121	.0361	.0035	.0001	.0018	.0014	.0527	.0291	.0267	.0030	.0010	.0018		
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	664301 4747396	00300	2270	4	025039	.0769	.0206	.9658	.0096	.0023	.0121	.0361	.0035	.0001	.0018	.0014	.0527	.0291	.0267	.0030	.0010	.0018		
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	664301 4747397	00400	2270	4	025039	.0769	.0206	.9658	.0096	.0023	.0121	.0361	.0035	.0001	.0018	.0014	.0527	.0291	.0267	.0030	.0010	.0018		
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	664301 4747398	00500	2275	4	025039	.0769	.0206	.9658	.0096	.0023	.0121	.0361	.0035	.0001	.0018	.0014	.0527	.0291	.0267	.0030	.0010	.0018		
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	664301 4747399	00600	2285	4	025039	.0769	.0206	.9658	.0096	.0023	.0121	.0361	.0035	.0001	.0018	.0014	.0527	.0291	.0267	.0030	.0010	.0018		
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	664301 4747400	00700	2270	4	025039	.0769	.0206	.9658	.0096	.0023	.0121	.0361	.0035	.0001	.0018	.0014	.0527	.0291	.0267	.0030	.0010	.0018		
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	664301 4747401	00800	2270	4	025039	.0769	.0206	.9658	.0096	.0023	.0121	.0361	.0035	.0001	.0018	.0014	.0527	.0291	.0267	.0030	.0010	.0018		
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	664301 4747402	00900	2290	4	025039	.0769	.0206	.9658	.0096	.0023	.0121	.0361	.0035	.0001	.0018	.0014	.0527	.0291	.0267	.0030	.0010	.0018		
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	664301 4747403	01000	2285	4	025039	.0769	.0206	.9658	.0096	.0023	.0121	.0361	.0035	.0001	.0018	.0014	.0527	.0291	.0267	.0030	.0010	.0018		
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	664301 4747404	01100	2275	4	025039	.0769	.0206	.9658	.0096	.0023	.0121	.0361	.0035	.0001	.0018	.0014	.0527	.0291	.0267	.0030	.0010	.0018		
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	664301 4747413	01200	565	1	025039	.0769	.0206	.9658	.0096	.0023	.0121	.0361	.0035	.0001	.0018	.0014	.0527	.0291	.0267	.0030	.0010	.0018		
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
			12				25595																	

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 1.78

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
9	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 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
TOTAL	12		25595																			

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	B07.2 HEAT	TENSILE TEST						BEND TEST		SHOCK TEST					
						C02 PR °	C04 MAZ	C03 Temp °C	C11 yield Re MPa	C12 p. strength Rm MPa	C13 Al25mm %	C50 Fa	C44 S0 cm²	C02 PR °	C03 Temp °C	C42 KV2_1 J	C42 KV2_2 J	C42 KV2_3 J	C43 KV2_m J
9	664301	00100	2270	4	025039	0	F	20	412	513	28	1	.8	0	-20	280	255	269	268
						4747394	90	F	20	451	523	25							
9	664301	00200	2270	4	025039	0	F	20	412	513	28	1	.8	0	-20	280	255	269	268
						4747395	90	F	20	451	523	25							
9	664301	00300	2270	4	025039	0	F	20	412	513	28	1	.8	0	-20	280	255	269	268
						4747396	90	F	20	451	523	25							
9	664301	00400	2270	4	025039	0	F	20	412	513	28	1	.8	0	-20	280	255	269	268
						4747397	90	F	20	451	523	25							
9	664301	00500	2275	4	025039	0	F	20	412	513	28	1	.8	0	-20	280	255	269	268
						4747398	90	F	20	451	523	25							
9	664301	00600	2285	4	025039	0	F	20	412	513	28	1	.8	0	-20	280	255	269	268
						4747399	90	F	20	451	523	25							
9	664301	00700	2270	4	025039	0	F	20	412	513	28	1	.8	0	-20	280	255	269	268
						4747400	90	F	20	451	523	25							
9	664301	00800	2270	4	025039	0	F	20	412	513	28	1	.8	0	-20	280	255	269	268
						4747401	90	F	20	451	523	25							
9	664301	00900	2290	4	025039	0	F	20	412	513	28	1	.8	0	-20	280	255	269	268
						4747402	90	F	20	451	523	25							

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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9	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 yield p.	C12 strength	C13	C50	C44	C02	C03	C42	C42	C42	C43
						PR °	MAZ	Temp °C	Re MPa	Rm MPa	A125mm %	Fa	S0 cm ²	PR °	Temp °C	KV2_1 J	KV2_2 J	KV2_3 J	KV2_m J
9	664301	01000	2285	4	025039	0	F	20	412	513	28	1	.8	0	-20	280	255	269	268
	4747403				025039	90	F	20	451	523	25								
	664301	01100	2275	4	025039	0	F	20	412	513	28	1	.8	0	-20	280	255	269	268
	4747404				025039	90	F	20	451	523	25								
	664301	01200	565	1	025039	0	F	20	412	513	28	1	.8	0	-20	280	255	269	268
	4747413				025039	90	F	20	451	523	25								
			12																
TOTAL			12																

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

BREMEN 09.07.2020



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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