



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
20190007051-00

Inspection certificate 3.1 EN 10204

A05 ORIGINATOR OF THE DOCUMENT
ArcelorMittal Bremen GmbH
Abnahme/Zugunisschreibung
zeugnisse.bremen@arcelormittal.com
Telefon 0421/6482813

A09 DISPATCH NOTE
DATE

0000818162
29.01.2019

A08.1 MANUFACTURER'S ORDER NR 1832224
DATE 17.09.2018
AGENCY'S ORDER NR. FH84KON004003

A07 CUSTOMER'S ORDER NUMBER
1112254

A10 PART NUMBER
XR355058P

A06.1 CUSTOMER
OY KONTINO AB

HAKINTIE, 6
01380 VANTAA
Finnland

A06.2 CONSIGNEE
OY KONTINO AB

HAKINTIE, 6
01380 VANTAA
Finnland

127896



Kontino Oy Ab

PRODUCT: hot rolled pickled sheet

QUALITY: AMSTRONG 355MC
S355MC

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

TERMS OF DELIVERY: EN 10051 (2010)

JITZ 1.74

A08.2 ITEM	B09 THICKNESS mm	B10 WIDTH mm	B11 LENGTH mm
3	5.00	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		C77	C76										
						C %	Si %	Mn %	P %	S %	Cu %	Al %	N %	B %	V %	Ti %	Nb %	Cr %	Ni %	Mo %	As %	Sn %	
3	161598	01100	715	4	057116	.0707	.0125	.5473	.0082	.0060	.0287	.0337	.0041	.0001	.0008	.0015	.0221	.0354	.0392	.0044	.0013	.0023	
	4604573																						
	161598	01200	2325	13	057116	.0707	.0125	.5473	.0082	.0060	.0287	.0337	.0041	.0001	.0008	.0015	.0221	.0354	.0392	.0044	.0013	.0023	
	4604575																						
	161598	01300	2325	13	057116	.0707	.0125	.5473	.0082	.0060	.0287	.0337	.0041	.0001	.0008	.0015	.0221	.0354	.0392	.0044	.0013	.0023	
	4604576																						
	161598	01400	2330	13	057116	.0707	.0125	.5473	.0082	.0060	.0287	.0337	.0041	.0001	.0008	.0015	.0221	.0354	.0392	.0044	.0013	.0023	
	4604577																						
	161598	01500	2330	13	057116	.0707	.0125	.5473	.0082	.0060	.0287	.0337	.0041	.0001	.0008	.0015	.0221	.0354	.0392	.0044	.0013	.0023	
	4604578																						
	161598	01600	2335	13	057116	.0707	.0125	.5473	.0082	.0060	.0287	.0337	.0041	.0001	.0008	.0015	.0221	.0354	.0392	.0044	.0013	.0023	
	4604579																						
	161598	01700	2330	13	057116	.0707	.0125	.5473	.0082	.0060	.0287	.0337	.0041	.0001	.0008	.0015	.0221	.0354	.0392	.0044	.0013	.0023	
	4604580																						
	161598	01800	2315	13	057116	.0707	.0125	.5473	.0082	.0060	.0287	.0337	.0041	.0001	.0008	.0015	.0221	.0354	.0392	.0044	.0013	.0023	
	4604581																						
	161598	01900	355	2	057116	.0707	.0125	.5473	.0082	.0060	.0287	.0337	.0041	.0001	.0008	.0015	.0221	.0354	.0392	.0044	.0013	.0023	
	4604596																						
	161599	00700	2325	13	057118	.0750	.0091	.5325	.0109	.0053	.0099	.0342	.0041	.0001	.0007	.0011	.0238	.0221	.0250	.0019	.0013	.0009	
	4604544																						
	161599	00800	2325	13	057118	.0750	.0091	.5325	.0109	.0053	.0099	.0342	.0041	.0001	.0007	.0011	.0238	.0221	.0250	.0019	.0013	.0009	
	4604545																						
	161599	00900	1425	8	057118	.0750	.0091	.5325	.0109	.0053	.0099	.0342	.0041	.0001	.0007	.0011	.0238	.0221	.0250	.0019	.0013	.0009	
	4604557																						
	12		23435																				
TOTAL	12		23435																				

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 THICKNESS mm	B10 WIDTH mm	B11 LENGTH mm
3	5.00	1500.00	3000.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	B07.2 HEAT	TENSILE TEST					BENDTEST C50 Fa	SHOCK TEST						
						C02 PR °	C03 Temp °C	C11 yield p. Re MPa	C12 strength Rm MPa	C13 A55mm %		C44 S0 cm²	C02 PR °	C03 Temp °C	C42 KV2 1 J	C42 KV2 2 J	C42 KV2 3 J	C43 KV2 m J
3	161598	01100	715	4	057116	0	20	404	487	34	1	.8	0	-20	214	202	204	206
	4604573																	
	161598	01200	2325	13	057116	0	20	404	487	34	1	.8	0	-20	214	202	204	206
	4604575																	
	161598	01300	2325	13	057116	0	20	404	487	34	1	.8	0	-20	214	202	204	206
	4604576																	
	161598	01400	2330	13	057116	0	20	404	487	34	1	.8	0	-20	214	202	204	206
	4604577																	
	161598	01500	2330	13	057116	0	20	404	487	34	1	.8	0	-20	214	202	204	206
	4604578																	
	161598	01600	2335	13	057116	0	20	404	487	34	1	.8	0	-20	214	202	204	206
	4604579																	
	161598	01700	2330	13	057116	0	20	404	487	34	1	.8	0	-20	214	202	204	206
	4604580																	
	161598	01800	2315	13	057116	0	20	404	487	34	1	.8	0	-20	214	202	204	206
	4604581																	
	161598	01900	355	2	057116	0	20	404	487	34	1	.8	0	-20	214	202	204	206
	4604596																	
	161599	00700	2325	13	057118	0	20	408	491	34	1	.8	0	-20	218	214	214	215
	4604544																	
	161599	00800	2325	13	057118	0	20	408	491	34	1	.8	0	-20	218	214	214	215
	4604545																	
	161599	00900	1425	8	057118	0	20	408	491	34	1	.8	0	-20	218	214	214	215
	4604557																	
	12		23435															

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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JITZ 1.74

A08.2	B09	B10	B11
ITEM	THICKNES	WIDTH	LENGTH
	mm	mm	mm
3	5.00	1500.00	3000.00

A08.2	B07.1	B07.1	B13	B08	B07.2	TENSILE TEST				BEND TEST	SHOCK TEST						
ITEM	COIL NO	PART	WEIGHT	AMOUNT	HEAT	C02	C03	C11	C12	C13	C50	C44	C02	C03	C42	C42	C43
			kg			PR	Temp	yield	p. strength	A55mm	Fa	S0	PR	Temp	KV2 1	KV2 2	KV2 3
						°	°C	Re	Rm	%		cm ²	°	°C	J	J	J
TOTAL	12		23435														

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

BREMEN 29.01.2019



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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