



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

A02
CERTIFICATE

A03 Page: 01/ 02
20190003885-00

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

0000812559
17.01.2019

A08.1 MANUFACTURER'S ORDER NR
DATE
AGENCY'S ORDER NR.

1829473
07.08.2018
FH84KON003030

A07 CUSTOMER'S ORDER NUMBER
1112129

A10 PART NUMBER
XR355058P

A06.1 CUSTOMER
OY KONTINO AB

HAKINTIE, 6
01380 VANTAA
Finland

A06.2 CONSIGNEE
OY KONTINO AB

HAKINTIE, 6
01380 VANTAA
Finland

127839



Kontino Oy Ab

PRODUCT: hot rolled pickled sheet

QUALITY: AMSTRONG 355MC
S355MC

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

TERMS OF DELIVERY: EN 10051 (2010)

JITZ 1.74

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
30	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 %			
30	125617	00100	2305	13	057118	.0750	.0091	.5325	.0109	.0053	.0099	.0342	.0041	.0001	.0007	.0011	.0238	.0221	.0250	.0019	.0013	.0009			
	4600421																								
	125617	00200	2325	13	057118	.0750	.0091	.5325	.0109	.0053	.0099	.0342	.0041	.0001	.0007	.0011	.0238	.0221	.0250	.0019	.0013	.0009			
	4600422																								
	125617	00300	2315	13	057118	.0750	.0091	.5325	.0109	.0053	.0099	.0342	.0041	.0001	.0007	.0011	.0238	.0221	.0250	.0019	.0013	.0009			
	4600423																								
	125617	00400	2320	13	057118	.0750	.0091	.5325	.0109	.0053	.0099	.0342	.0041	.0001	.0007	.0011	.0238	.0221	.0250	.0019	.0013	.0009			
	4600424																								
	125617	00500	2315	13	057118	.0750	.0091	.5325	.0109	.0053	.0099	.0342	.0041	.0001	.0007	.0011	.0238	.0221	.0250	.0019	.0013	.0009			
	4600425																								
	125617	00600	2310	13	057118	.0750	.0091	.5325	.0109	.0053	.0099	.0342	.0041	.0001	.0007	.0011	.0238	.0221	.0250	.0019	.0013	.0009			
	4600426																								
	125617	00700	2320	13	057118	.0750	.0091	.5325	.0109	.0053	.0099	.0342	.0041	.0001	.0007	.0011	.0238	.0221	.0250	.0019	.0013	.0009			
	4600427																								
	125617	00800	2320	13	057118	.0750	.0091	.5325	.0109	.0053	.0099	.0342	.0041	.0001	.0007	.0011	.0238	.0221	.0250	.0019	.0013	.0009			
	4600428																								
	125617	00900	1600	9	057118	.0750	.0091	.5325	.0109	.0053	.0099	.0342	.0041	.0001	.0007	.0011	.0238	.0221	.0250	.0019	.0013	.0009			
	4600441																								
	9		20130																						
TOTAL	9		20130																						

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	B07.2 HEAT	TENSILE TEST					BENDTEST	SHOCK TEST							
						C02	C03	C11	C12	C13	C50	C44	C02	C03	C42	C42	C42	C43	
						yield p. strength		Re		Rm	A55mm	Fa	S0	PR	Temp	KV2 1	KV2 2	KV2 3	KV2 m
						PR	Temp	°	°C	MPa	MPa	%		cm²	°	°C	J	J	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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EN 10149-2 (00-09-2013)

JITZ 1.74

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
30	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 SHOCK TEST							
						C02 PR °	C03 Temp °C	C11 yield p. Re MPa	C12 strength Rm MPa	C13 A55mm %	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
30	125617	00100	2305	13	057118	0	20	408	491	34	1	.8	0	-20	200	198	188	195
	4600421																	
	125617	00200	2325	13	057118	0	20	408	491	34	1	.8	0	-20	200	198	188	195
	4600422																	
	125617	00300	2315	13	057118	0	20	408	491	34	1	.8	0	-20	200	198	188	195
	4600423																	
	125617	00400	2320	13	057118	0	20	408	491	34	1	.8	0	-20	200	198	188	195
	4600424																	
	125617	00500	2315	13	057118	0	20	408	491	34	1	.8	0	-20	200	198	188	195
	4600425																	
	125617	00600	2310	13	057118	0	20	408	491	34	1	.8	0	-20	200	198	188	195
	4600426																	
	125617	00700	2320	13	057118	0	20	408	491	34	1	.8	0	-20	200	198	188	195
	4600427																	
	125617	00800	2320	13	057118	0	20	408	491	34	1	.8	0	-20	200	198	188	195
	4600428																	
	125617	00900	1600	9	057118	0	20	408	491	34	1	.8	0	-20	200	198	188	195
	4600441																	
	9		20130															
TOTAL	9		20130															

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

BREMEN 17.01.2019



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 specimen size (C44)
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