

ArcelorMittal

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

CERTIFICATE **20180071493-00**

Inspection certificate 3.1 EN 10204

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

DATE

10.09.2018

A08.1 MANUFACTURER'S ORDER NR **1824661**
DATE 29.05.2018
AGENCY'S ORDER NR. FH83KON003003

A07 CUSTOMER'S ORDER NUMBER
1111954

A10 PART NUMBER
XR355058P

OY KONTINO AB

HAKINTIE, 6
01380 VANTAA
Finland

A06.2 CONSIGNEE
OY KONTINO AB

HAKINTIE, 6
01380 VANTAA
Finland

125869



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

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
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	675107	00100	2320	13	714238	.0654	.0092	.5380	.0116	.0075	.0137	.0413	.0032	0.0000	.0003	.0007	.0259	.0230	.0133	.0013	.0016	.0048	
	4565682																						
	675107	00700	2335	13	714238	.0654	.0092	.5380	.0116	.0075	.0137	.0413	.0032	0.0000	.0003	.0007	.0259	.0230	.0133	.0013	.0016	.0048	
	4565688																						
	675109	00100	2310	13	714247	.0685	.0121	.5220	.0065	.0065	.0147	.0379	.0043	0.0000	.0002	.0005	.0236	.0185	.0136	.0013	.0014	.0043	
	4565667																						
	675109	00200	2325	13	714247	.0685	.0121	.5220	.0065	.0065	.0147	.0379	.0043	0.0000	.0002	.0005	.0236	.0185	.0136	.0013	.0014	.0043	
	4565668																						
	675109	00300	2315	13	714247	.0685	.0121	.5220	.0065	.0065	.0147	.0379	.0043	0.0000	.0002	.0005	.0236	.0185	.0136	.0013	.0014	.0043	
	4565669																						
	675109	00400	2315	13	714247	.0685	.0121	.5220	.0065	.0065	.0147	.0379	.0043	0.0000	.0002	.0005	.0236	.0185	.0136	.0013	.0014	.0043	
	4565670																						
	675109	00500	2315	13	714247	.0685	.0121	.5220	.0065	.0065	.0147	.0379	.0043	0.0000	.0002	.0005	.0236	.0185	.0136	.0013	.0014	.0043	
	4565671																						
	675109	00600	2320	13	714247	.0685	.0121	.5220	.0065	.0065	.0147	.0379	.0043	0.0000	.0002	.0005	.0236	.0185	.0136	.0013	.0014	.0043	
	4565672																						
	8		18555																				
TOTAL	8		18555																				

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	B07.2 HEAT	TENSILE TEST					BEND TEST		SHOCK TEST			
						C02	C03	C11	C12	C13	C50	C44	C02	C03	C42	C42
						PR	Temp	yield p.	strength	Rm	Fa	S0	PR	Temp	KV2 1	KV2 2
						°	°C	Re	MPa	MPa	A55mm	cm²	°	°C	J	J
3	675107	00100	2320	13	714238	0	20	409	488	34	1	.8	0	-20	202	246
	4565682															

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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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	SHOCK TEST							
						C02	C03	C11	C12	C13	C50	C44	C02	C03	C42	C42	C42	C43	
						PR °	Temp °C	yield p. Re MPa	strength Rm MPa	A55mm %	Fa	S0 cm²	PR °	Temp °C	KV2 1 J	KV2 2 J	KV2 3 J	KV2 m J	
3	675107	00700	2335	13	714238	0	20	409	488	34	1	.8	0	-20	202	246	204	217	
	4565688																		
	675109	00100	2310	13	714247	0	20	401	483	34	1	.8	0	-20	214	218	214	215	
	4565667																		
	675109	00200	2325	13	714247	0	20	401	483	34	1	.8	0	-20	214	218	214	215	
	4565668																		
	675109	00300	2315	13	714247	0	20	401	483	34	1	.8	0	-20	214	218	214	215	
	4565669																		
	675109	00400	2315	13	714247	0	20	401	483	34	1	.8	0	-20	214	218	214	215	
	4565670																		
	675109	00500	2315	13	714247	0	20	401	483	34	1	.8	0	-20	214	218	214	215	
	4565671																		
	675109	00600	2320	13	714247	0	20	401	483	34	1	.8	0	-20	214	218	214	215	
	4565672																		
	8		18555																
TOTAL	8		18555																

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

BREMEN 21.09.2018



QUALITY DEPARTMENT
SITE EXPERT FOR INSPECTION
Kramer

Heiko 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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