



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

CERTIFICATE 20180071469-00

Inspection certificate 3.1 EN 10204

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

DATE

12.09.2018

A08.1 MANUFACTURER'S ORDER NR 1824661
DATE 29.05.2018
AGENCY'S ORDER NR. FH83KON003004

A07 CUSTOMER'S ORDER NUMBER
1111954

A10 PART NUMBER
XR355068P

OY KONTINO AB

HAKINTIE, 6
01380 VANTAA
Finland

A06.2 CONSIGNEE
OY KONTINO AB

HAKINTIE, 6
01380 VANTAA
Finland

125866



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

HAKINTIE, 6

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A08.2 ITEM	B09 THICKNESS mm	B10 WIDTH mm	B11 LENGTH mm
4	6.00	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 %	
4	109296	01300	430	2	714249	.0669	.0104	.5508	.0079	.0072	.0220	.0324	.0049	000000	.0002	.0006	.0240	.0194	.0176	.0017	.0020	.0057	
	4567493																						
	109298	00100	2370	11	714249	.0669	.0104	.5508	.0079	.0072	.0220	.0324	.0049	000000	.0002	.0006	.0240	.0194	.0176	.0017	.0020	.0057	
	4567501																						
	109298	00200	2370	11	714249	.0669	.0104	.5508	.0079	.0072	.0220	.0324	.0049	000000	.0002	.0006	.0240	.0194	.0176	.0017	.0020	.0057	
	4567502																						
	109298	00300	2370	11	714249	.0669	.0104	.5508	.0079	.0072	.0220	.0324	.0049	000000	.0002	.0006	.0240	.0194	.0176	.0017	.0020	.0057	
	4567503																						
	109298	00400	2365	11	714249	.0669	.0104	.5508	.0079	.0072	.0220	.0324	.0049	000000	.0002	.0006	.0240	.0194	.0176	.0017	.0020	.0057	
	4567504																						
	109298	00500	2360	11	714249	.0669	.0104	.5508	.0079	.0072	.0220	.0324	.0049	000000	.0002	.0006	.0240	.0194	.0176	.0017	.0020	.0057	
	4567505																						
	109298	01000	2360	11	714249	.0669	.0104	.5508	.0079	.0072	.0220	.0324	.0049	000000	.0002	.0006	.0240	.0194	.0176	.0017	.0020	.0057	
	4567510																						
	109298	01100	2360	11	714249	.0669	.0104	.5508	.0079	.0072	.0220	.0324	.0049	000000	.0002	.0006	.0240	.0194	.0176	.0017	.0020	.0057	
	4567511																						
	8		16985																				
TOTAL	8		16985																				

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	yield p.	strength		Fa	S0	PR	Temp	KV2 1	KV2 2	KV2 3	KV2 m
							°C	Re	Rm	A60mm		cm²	°	°C	J	J	J	J
4	109296	01300	430	2	714249	0	20	406	488	34	1	.8	0	-20	244	238	254	245
	4567493																	

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
4	6.00	1500.00	3000.00

A08.2 ITEM	B07.1 COIL NO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	B07.2 HEAT	TENSILE TEST					BEND TEST C50 Fa	SHOCK TEST						
						C02 PR °	C03 Temp °C	C11 yield p. Re MPa	C12 strength Rm MPa	C13 A60mm %		C44 S0 cm²	C02 PR °	C03 Temp °C	C42 KV2 1 J	C42 KV2 2 J	C42 KV2 3 J	C43 KV2 m J
4	109298	00100	2370	11	714249	0	20	406	488	34	1	.8	0	-20	202	242	252	232
	4567501																	
	109298	00200	2370	11	714249	0	20	406	488	34	1	.8	0	-20	202	242	252	232
	4567502																	
	109298	00300	2370	11	714249	0	20	406	488	34	1	.8	0	-20	202	242	252	232
	4567503																	
	109298	00400	2365	11	714249	0	20	406	488	34	1	.8	0	-20	202	242	252	232
	4567504																	
	109298	00500	2360	11	714249	0	20	406	488	34	1	.8	0	-20	202	242	252	232
	4567505																	
	109298	01000	2360	11	714249	0	20	406	488	34	1	.8	0	-20	202	242	252	232
	4567510																	
	109298	01100	2360	11	714249	0	20	406	488	34	1	.8	0	-20	202	242	252	232
	4567511																	
	8		16985															
TOTAL		8	16985															

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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