



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  
**20200039129-00**  
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  
000988935  
16.07.2020  
A08.1 MANUFACTURER'S ORDER NR  
DATE  
AGENCY'S ORDER NR. GH02KON005013  
**2064116**  
18.02.2020  
A07 CUSTOMER'S ORDER NUMBER  
1113714  
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

01380 VANTAA

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PRODUCT: hot rolled unpickled sheet      QUALITY: **AMSTRONG@355MC**      STANDARD: **AM FCE**  
 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
13	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 %		
13	683445	00300	2275	4	024425	.0722	.0188	.9354	.0066	.0020	.0277	.0396	.0057	.0001	.0001	.0016	.0511	.0226	.0424	.0033	.0010	.0013		
	4747681				024425	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	683447	00100	2275	4	024432	.0748	.0126	.9481	.0078	.0040	.0202	.0357	.0055	.0001	.0001	.0013	.0517	.0338	.0333	.0057	.0012	.0024		
	4748014				024432	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	683447	00200	2275	4	024432	.0748	.0126	.9481	.0078	.0040	.0202	.0357	.0055	.0001	.0001	.0013	.0517	.0338	.0333	.0057	.0012	.0024		
	4748015				024432	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	683447	00300	2275	4	024432	.0748	.0126	.9481	.0078	.0040	.0202	.0357	.0055	.0001	.0001	.0013	.0517	.0338	.0333	.0057	.0012	.0024		
	4748016				024432	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	683447	00400	2275	4	024432	.0748	.0126	.9481	.0078	.0040	.0202	.0357	.0055	.0001	.0001	.0013	.0517	.0338	.0333	.0057	.0012	.0024		
	4748017				024432	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	683447	00500	2275	4	024432	.0748	.0126	.9481	.0078	.0040	.0202	.0357	.0055	.0001	.0001	.0013	.0517	.0338	.0333	.0057	.0012	.0024		
	4748018				024432	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	683447	00600	2275	4	024432	.0748	.0126	.9481	.0078	.0040	.0202	.0357	.0055	.0001	.0001	.0013	.0517	.0338	.0333	.0057	.0012	.0024		
	4748019				024432	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	683447	00700	2275	4	024432	.0748	.0126	.9481	.0078	.0040	.0202	.0357	.0055	.0001	.0001	.0013	.0517	.0338	.0333	.0057	.0012	.0024		
	4748020				024432	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	683447	00800	2275	4	024432	.0748	.0126	.9481	.0078	.0040	.0202	.0357	.0055	.0001	.0001	.0013	.0517	.0338	.0333	.0057	.0012	.0024		
	4748021				024432	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	683447	00900	2270	4	024432	.0748	.0126	.9481	.0078	.0040	.0202	.0357	.0055	.0001	.0001	.0013	.0517	.0338	.0333	.0057	.0012	.0024		
	4748022				024432	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	683447	01000	2280	4	024432	.0748	.0126	.9481	.0078	.0040	.0202	.0357	.0055	.0001	.0001	.0013	.0517	.0338	.0333	.0057	.0012	.0024		
	4748023				024432	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	683447	01100	2270	4	024432	.0748	.0126	.9481	.0078	.0040	.0202	.0357	.0055	.0001	.0001	.0013	.0517	.0338	.0333	.0057	.0012	.0024		
	4748024				024432	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
12			27295																					

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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 XR355168

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

JITZ 1.78

A08.2 ITEM	B09 THICKNESS mm	B10 WIDTH mm	B11 LENGTH mm
13	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		27295																					

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 cm <sup>2</sup>	C02 PR °	C03 Temp °C	C42 KV2_1 J	C42 KV2_2 J	C42 KV2_3 J	C43 KV2_m J
13	683445	00300	2275	4	024425	0	F	20	410	512	28.5	1	.8	0	-20	173	166	156	165
	4747681				024425	90	F	20	457	522	25								
683447	00100		2275	4	024432	0	F	20	408	514	28.5	1	.8	0	-20	181	100	57	112
	4748014				024432	90	F	20	447	521	25								
683447	00200		2275	4	024432	0	F	20	408	514	28.5	1	.8	0	-20	181	100	57	112
	4748015				024432	90	F	20	447	521	25								
683447	00300		2275	4	024432	0	F	20	408	514	28.5	1	.8	0	-20	181	100	57	112
	4748016				024432	90	F	20	447	521	25								
683447	00400		2275	4	024432	0	F	20	408	514	28.5	1	.8	0	-20	181	100	57	112
	4748017				024432	90	F	20	447	521	25								
683447	00500		2275	4	024432	0	F	20	408	514	28.5	1	.8	0	-20	181	100	57	112
	4748018				024432	90	F	20	447	521	25								
683447	00600		2275	4	024432	0	F	20	408	514	28.5	1	.8	0	-20	181	100	57	112
	4748019				024432	90	F	20	447	521	25								
683447	00700		2275	4	024432	0	F	20	408	514	28.5	1	.8	0	-20	181	100	57	112
	4748020				024432	90	F	20	447	521	25								
683447	00800		2275	4	024432	0	F	20	408	514	28.5	1	.8	0	-20	181	100	57	112
	4748021				024432	90	F	20	447	521	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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A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
13	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 PR °	C04 MAZ	C03 Temp °C	C11 yield Re MPa	C12 strength Rm MPa	C13 A125mm %	C50 Fa	C44 S0 cm <sup>2</sup>	C02 PR °	C03 Temp °C	C42 KV2_1 J	C42 KV2_2 J	C42 KV2_3 J	C43 KV2_m J	
						13	683447	00900	2270	4	024432	0	F	20	408	514	28.5	1	.8	0
	4748022				024432	90	F	20	447	521	25									
	683447	01000	2280	4	024432	0	F	20	408	514	28.5	1	.8	0	-20	181	100	57	112	
	4748023				024432	90	F	20	447	521	25									
	683447	01100	2270	4	024432	0	F	20	408	514	28.5	1	.8	0	-20	181	100	57	112	
	4748024				024432	90	F	20	447	521	25									
	12		27295																	
TOTAL	12		27295																	

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

BREMEN 16.07.2020



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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