



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  
**20190012451-00**  
Inspection certificate 3.1 EN 10204  
A05 ORIGINATOR OF THE DOCUMENT  
ArcelorMittal Bremen GmbH  
Abnahme/Zeugnisschreibung  
zeugnisse.bremen@arcelormittal.com  
Telefon 0421/6482813

A09 DISPATCH NOTE **0000827308**  
DATE 18.02.2019  
A08.1 MANUFACTURER'S ORDER NR **1836588**  
DATE 03.12.2018  
AGENCY'S ORDER NR. FH91KON002008  
A07 CUSTOMER'S ORDER NUMBER  
1112465  
A10 PART NUMBER  
XR355158

A06.1 CUSTOMER  
**OY KONTINO AB**  
**HAKINTIE, 6**  
**01380 VANTAA**  
**Finnland**  
A06.2 CONSIGNEE  
**OY KONTINO AB**  
**HAKINTIE, 6**  
**01380 VANTAA**  
**Finnland**

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 1.74

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN

OY KONTINO AB

HAKINTIE, 6

01380 VANTAA

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

JITZ 1.74

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
8	15.00	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 %	Cu %	C77 Al %	C76 N %	B %	V %	Ti %	Nb %	Cr %	Ni %	Mo %	As %	Sn %	
8	262566	00100	2135	4	058425	.0739	.0147	.9648	.0092	.0034	.0125	.0367	.0051	.0001	.0017	.0013	.0434	.0216	.0266	.0035	.0007	.0006	
	4611095																						
	262566	00200	2140	4	058425	.0739	.0147	.9648	.0092	.0034	.0125	.0367	.0051	.0001	.0017	.0013	.0434	.0216	.0266	.0035	.0007	.0006	
	4611096																						
	262566	00300	2145	4	058425	.0739	.0147	.9648	.0092	.0034	.0125	.0367	.0051	.0001	.0017	.0013	.0434	.0216	.0266	.0035	.0007	.0006	
	4611097																						
	262566	00400	2140	4	058425	.0739	.0147	.9648	.0092	.0034	.0125	.0367	.0051	.0001	.0017	.0013	.0434	.0216	.0266	.0035	.0007	.0006	
	4611098																						
	262566	00500	2135	4	058425	.0739	.0147	.9648	.0092	.0034	.0125	.0367	.0051	.0001	.0017	.0013	.0434	.0216	.0266	.0035	.0007	.0006	
	4611099																						
	262566	00600	2140	4	058425	.0739	.0147	.9648	.0092	.0034	.0125	.0367	.0051	.0001	.0017	.0013	.0434	.0216	.0266	.0035	.0007	.0006	
	4611100																						
	262566	00700	2145	4	058425	.0739	.0147	.9648	.0092	.0034	.0125	.0367	.0051	.0001	.0017	.0013	.0434	.0216	.0266	.0035	.0007	.0006	
	4611101																						
	262566	00800	2140	4	058425	.0739	.0147	.9648	.0092	.0034	.0125	.0367	.0051	.0001	.0017	.0013	.0434	.0216	.0266	.0035	.0007	.0006	
	4611102																						
	262566	00900	2140	4	058425	.0739	.0147	.9648	.0092	.0034	.0125	.0367	.0051	.0001	.0017	.0013	.0434	.0216	.0266	.0035	.0007	.0006	
	4611103																						
	262566	01000	2140	4	058425	.0739	.0147	.9648	.0092	.0034	.0125	.0367	.0051	.0001	.0017	.0013	.0434	.0216	.0266	.0035	.0007	.0006	
	4611104																						
	262566	01100	2140	4	058425	.0739	.0147	.9648	.0092	.0034	.0125	.0367	.0051	.0001	.0017	.0013	.0434	.0216	.0266	.0035	.0007	.0006	
	4611105																						
	262566	01200	1600	3	058425	.0739	.0147	.9648	.0092	.0034	.0125	.0367	.0051	.0001	.0017	.0013	.0434	.0216	.0266	.0035	.0007	.0006	
	4611113																						
		12																					
TOTAL		12																					

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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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 1.74

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
8	15.00	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 °	C03 Temp °C	C11 yield p. Re MPa	C12 strength Rm MPa	C13 A120mm %	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
8	262566	00100	2135	4	058425	0	20	396	499	30	1	.8	0	-20	208	194	198	200
	4611095																	
	262566	00200	2140	4	058425	0	20	396	499	30	1	.8	0	-20	208	194	198	200
	4611096																	
	262566	00300	2145	4	058425	0	20	396	499	30	1	.8	0	-20	208	194	198	200
	4611097																	
	262566	00400	2140	4	058425	0	20	396	499	30	1	.8	0	-20	208	194	198	200
	4611098																	
	262566	00500	2135	4	058425	0	20	396	499	30	1	.8	0	-20	208	194	198	200
	4611099																	
	262566	00600	2140	4	058425	0	20	396	499	30	1	.8	0	-20	208	194	198	200
	4611100																	
	262566	00700	2145	4	058425	0	20	396	499	30	1	.8	0	-20	208	194	198	200
	4611101																	
	262566	00800	2140	4	058425	0	20	396	499	30	1	.8	0	-20	208	194	198	200
	4611102																	
	262566	00900	2140	4	058425	0	20	396	499	30	1	.8	0	-20	208	194	198	200
	4611103																	
	262566	01000	2140	4	058425	0	20	396	499	30	1	.8	0	-20	208	194	198	200
	4611104																	
	262566	01100	2140	4	058425	0	20	396	499	30	1	.8	0	-20	208	194	198	200
	4611105																	
	262566	01200	1600	3	058425	0	20	396	499	30	1	.8	0	-20	208	194	198	200
	4611113																	
	12				25140													

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	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 A120mm %	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
TOTAL	12		25140														

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

BREMEN 18.02.2019



QUALITY DEPARTMENT  
 SITE EXPERT FOR INSPECTION  
 Kramer

*Juukas 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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