



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  
**20190062768-00**  
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  
DATE  
0000905052  
17.09.2019  
A08.1 MANUFACTURER'S ORDER NR  
DATE  
AGENCY'S ORDER NR.  
1950005  
17.07.2019  
FH93KON013004  
A07 CUSTOMER'S ORDER NUMBER  
1113094  
A10 PART NUMBER  
XR355158

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 1.76

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN

OY KONTINO AB

HAKINTIE, 6

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

JITZ 1.76

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
4	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	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 %		
4	159050 4672387	00100	2160	4	066152	.0768	.0167	.9258	.0080	.0043	.0302	.0245	.0063	.0001	.0001	.0019	.0505	.0425	.0373	.0050	.0011	.0021		
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	159050 4672390	00200	2140	4	066152	.0768	.0167	.9258	.0080	.0043	.0302	.0245	.0063	.0001	.0001	.0019	.0505	.0425	.0373	.0050	.0011	.0021		
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	159050 4672391	00300	2140	4	066152	.0768	.0167	.9258	.0080	.0043	.0302	.0245	.0063	.0001	.0001	.0019	.0505	.0425	.0373	.0050	.0011	.0021		
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	159050 4672392	00400	2135	4	066152	.0768	.0167	.9258	.0080	.0043	.0302	.0245	.0063	.0001	.0001	.0019	.0505	.0425	.0373	.0050	.0011	.0021		
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	159050 4672393	00500	2140	4	066152	.0768	.0167	.9258	.0080	.0043	.0302	.0245	.0063	.0001	.0001	.0019	.0505	.0425	.0373	.0050	.0011	.0021		
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	159050 4672394	00600	2145	4	066152	.0768	.0167	.9258	.0080	.0043	.0302	.0245	.0063	.0001	.0001	.0019	.0505	.0425	.0373	.0050	.0011	.0021		
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	159050 4672395	00700	2140	4	066152	.0768	.0167	.9258	.0080	.0043	.0302	.0245	.0063	.0001	.0001	.0019	.0505	.0425	.0373	.0050	.0011	.0021		
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	159050 4672396	00800	2135	4	066152	.0768	.0167	.9258	.0080	.0043	.0302	.0245	.0063	.0001	.0001	.0019	.0505	.0425	.0373	.0050	.0011	.0021		
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	159050 4672397	00900	2130	4	066152	.0768	.0167	.9258	.0080	.0043	.0302	.0245	.0063	.0001	.0001	.0019	.0505	.0425	.0373	.0050	.0011	.0021		
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
			9			19265																		
TOTAL			9			19265																		

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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**Finland**

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JITZ 1.76

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
4	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	C04	C03	C11	C12	C13	C50	C44	C02	C03	C42	C42	C42	C43
						PR °	MAZ	Temp °C	yield p. Re MPa	strength Rm MPa	A120mm %	Fa	S0 cm <sup>2</sup>	PR °	Temp °C	KV2_1 J	KV2_2 J	KV2_3 J	KV2_m J
4	159050	00100	2160	4	066152	0	F	20	409	513	29	1	.8	0	-20	194	205	223	207
	4672387				066152	90	F	20	447	529	25.5								
	159050	00200	2140	4	066152	0	F	20	409	513	29	1	.8	0	-20	194	205	223	207
	4672390				066152	90	F	20	447	529	25.5								
	159050	00300	2140	4	066152	0	F	20	409	513	29	1	.8	0	-20	194	205	223	207
	4672391				066152	90	F	20	447	529	25.5								
	159050	00400	2135	4	066152	0	F	20	409	513	29	1	.8	0	-20	194	205	223	207
	4672392				066152	90	F	20	447	529	25.5								
	159050	00500	2140	4	066152	0	F	20	409	513	29	1	.8	0	-20	194	205	223	207
	4672393				066152	90	F	20	447	529	25.5								
	159050	00600	2145	4	066152	0	F	20	409	513	29	1	.8	0	-20	194	205	223	207
	4672394				066152	90	F	20	447	529	25.5								
	159050	00700	2140	4	066152	0	F	20	409	513	29	1	.8	0	-20	194	205	223	207
	4672395				066152	90	F	20	447	529	25.5								
	159050	00800	2135	4	066152	0	F	20	409	513	29	1	.8	0	-20	194	205	223	207
	4672396				066152	90	F	20	447	529	25.5								
	159050	00900	2130	4	066152	0	F	20	409	513	29	1	.8	0	-20	194	205	223	207
	4672397				066152	90	F	20	447	529	25.5								
	9		19265																
TOTAL	9		19265																

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

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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JITZ 1.76

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
4	15.00	1500.00	3000.00



BREMEN 18.09.2019

QUALITY DEPARTMENT  
 SITE EXPERT FOR INSPECTION  
 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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