



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  
**20200014650-00**

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 **0000954720**  
DATE 02.03.2020

A08.1 MANUFACTURER'S ORDER NR **1957184**  
DATE 18.11.2019  
AGENCY'S ORDER NR. GH01KON001006

A07 CUSTOMER'S ORDER NUMBER  
1113452

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 1.78

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN

OY KONTINO AB

HAKINTIE, 6

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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
6	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 %		
6	168307	00100	2130	4	021573	.0725	.0300	.9453	.0113	.0012	.0176	.0346	.0053	.0001	.0014	.0018	.0502	.0264	.0280	.0028	.0011	.0012		
						4715062	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	168307	00200	2130	4	021573	.0725	.0300	.9453	.0113	.0012	.0176	.0346	.0053	.0001	.0014	.0018	.0502	.0264	.0280	.0028	.0011	.0012		
						4715063	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	168307	00300	2130	4	021573	.0725	.0300	.9453	.0113	.0012	.0176	.0346	.0053	.0001	.0014	.0018	.0502	.0264	.0280	.0028	.0011	.0012		
						4715064	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	168307	00400	2135	4	021573	.0725	.0300	.9453	.0113	.0012	.0176	.0346	.0053	.0001	.0014	.0018	.0502	.0264	.0280	.0028	.0011	.0012		
						4715065	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	168307	00500	2135	4	021573	.0725	.0300	.9453	.0113	.0012	.0176	.0346	.0053	.0001	.0014	.0018	.0502	.0264	.0280	.0028	.0011	.0012		
						4715066	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	168307	00600	2130	4	021573	.0725	.0300	.9453	.0113	.0012	.0176	.0346	.0053	.0001	.0014	.0018	.0502	.0264	.0280	.0028	.0011	.0012		
						4715067	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	168307	00700	2135	4	021573	.0725	.0300	.9453	.0113	.0012	.0176	.0346	.0053	.0001	.0014	.0018	.0502	.0264	.0280	.0028	.0011	.0012		
						4715068	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	168307	00800	2140	4	021573	.0725	.0300	.9453	.0113	.0012	.0176	.0346	.0053	.0001	.0014	.0018	.0502	.0264	.0280	.0028	.0011	.0012		
						4715069	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	168307	00900	2135	4	021573	.0725	.0300	.9453	.0113	.0012	.0176	.0346	.0053	.0001	.0014	.0018	.0502	.0264	.0280	.0028	.0011	.0012		
						4715070	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	168307	01000	2140	4	021573	.0725	.0300	.9453	.0113	.0012	.0176	.0346	.0053	.0001	.0014	.0018	.0502	.0264	.0280	.0028	.0011	.0012		
						4715071	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	168307	01100	2135	4	021573	.0725	.0300	.9453	.0113	.0012	.0176	.0346	.0053	.0001	.0014	.0018	.0502	.0264	.0280	.0028	.0011	.0012		
						4715072	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	168307	01200	2135	4	021573	.0725	.0300	.9453	.0113	.0012	.0176	.0346	.0053	.0001	.0014	.0018	.0502	.0264	.0280	.0028	.0011	.0012		
						4715073	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000

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

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A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
6	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 %	
6	<b>168307</b> 4715084	01300	535	1	<b>021573</b> <b>021573</b>	.0725	.0300	.9453	.0113	.0012	.0176	.0346	.0053	.0001	.0014	.0018	.0502	.0264	.0280	.0028	.0011	.0012	
	13		26145																				
TOTAL		13	26145																				

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	yield	p. strength	Re	Rm	A120mm	Fa	S0	PR	Temp	KV2_1	KV2_2
6	<b>168307</b> 4715062	00100	2130	4	<b>021573</b> <b>021573</b>	0	F	20	411	515	29	1	.8	0	-20	286	266	253	268
	<b>168307</b> 4715063	00200	2130	4	<b>021573</b> <b>021573</b>	0	F	20	411	515	29	1	.8	0	-20	286	266	253	268
	<b>168307</b> 4715064	00300	2130	4	<b>021573</b> <b>021573</b>	0	F	20	411	515	29	1	.8	0	-20	286	266	253	268
	<b>168307</b> 4715065	00400	2135	4	<b>021573</b> <b>021573</b>	0	F	20	411	515	29	1	.8	0	-20	286	266	253	268
	<b>168307</b> 4715066	00500	2135	4	<b>021573</b> <b>021573</b>	0	F	20	411	515	29	1	.8	0	-20	286	266	253	268
	<b>168307</b> 4715067	00600	2130	4	<b>021573</b> <b>021573</b>	0	F	20	411	515	29	1	.8	0	-20	286	266	253	268
	<b>168307</b> 4715068	00700	2135	4	<b>021573</b> <b>021573</b>	0	F	20	411	515	29	1	.8	0	-20	286	266	253	268

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						BEND TEST		SHOCK TEST					
						C02	C04	C03	C11 yield p.	C12 strength	C13	C50	C44	C02	C03	C42	C42	C42	C43
						PR °	MAZ	Temp °C	Re MPa	Rm MPa	A120mm %	Fa	S0 cm <sup>2</sup>	PR °	Temp °C	KV2_1 J	KV2_2 J	KV2_3 J	KV2_m J
6	168307	00800	2140	4	021573	0	F	20	411	515	29	1	.8	0	-20	286	266	253	268
	4715069				021573	90	F	20	442	530	25								
	168307	00900	2135	4	021573	0	F	20	411	515	29	1	.8	0	-20	286	266	253	268
	4715070				021573	90	F	20	442	530	25								
	168307	01000	2140	4	021573	0	F	20	411	515	29	1	.8	0	-20	286	266	253	268
	4715071				021573	90	F	20	442	530	25								
	168307	01100	2135	4	021573	0	F	20	411	515	29	1	.8	0	-20	286	266	253	268
	4715072				021573	90	F	20	442	530	25								
	168307	01200	2135	4	021573	0	F	20	411	515	29	1	.8	0	-20	286	266	253	268
	4715073				021573	90	F	20	442	530	25								
	168307	01300	535	1	021573	0	F	20	411	515	29	1	.8	0	-20	286	266	253	268
	4715084				021573	90	F	20	442	530	25								
			13																
TOTAL			13																

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

  
 BREMEN 02.03.2020

QUALITY DEPARTMENT  
 SITE EXPERT FOR INSPECTION  
 Kramer

*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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