



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  
**20200024018-00**  
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  
0000967142  
16.04.2020  
A08.1 MANUFACTURER'S ORDER NR  
DATE  
AGENCY'S ORDER NR.  
1958225  
03.12.2019  
GH01KON009003  
A07 CUSTOMER'S ORDER NUMBER  
1113497  
A10 PART NUMBER  
XR355058P

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 pickled 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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 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
3	5.00	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 %		
3	235314	01200	2320	13	022208	.0724	.0156	.5405	.0068	.0032	.0134	.0321	.0050	.0001	.0008	.0011	.0238	.0180	.0309	.0021	.0007	.0010		
						4725051	022208	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	235314	01300	2320	13	022208	.0724	.0156	.5405	.0068	.0032	.0134	.0321	.0050	.0001	.0008	.0011	.0238	.0180	.0309	.0021	.0007	.0010		
						4725052	022208	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	235314	01400	2310	13	022208	.0724	.0156	.5405	.0068	.0032	.0134	.0321	.0050	.0001	.0008	.0011	.0238	.0180	.0309	.0021	.0007	.0010		
						4725053	022208	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	235314	01500	2310	13	022208	.0724	.0156	.5405	.0068	.0032	.0134	.0321	.0050	.0001	.0008	.0011	.0238	.0180	.0309	.0021	.0007	.0010		
						4725054	022208	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	235314	01600	2315	13	022208	.0724	.0156	.5405	.0068	.0032	.0134	.0321	.0050	.0001	.0008	.0011	.0238	.0180	.0309	.0021	.0007	.0010		
						4725055	022208	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	235314	01700	2315	13	022208	.0724	.0156	.5405	.0068	.0032	.0134	.0321	.0050	.0001	.0008	.0011	.0238	.0180	.0309	.0021	.0007	.0010		
						4725056	022208	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	235314	01800	2135	12	022208	.0724	.0156	.5405	.0068	.0032	.0134	.0321	.0050	.0001	.0008	.0011	.0238	.0180	.0309	.0021	.0007	.0010		
						4725057	022208	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	235316	00400	2320	13	022207	.0679	.0162	.5258	.0084	.0049	.0104	.0371	.0053	.0001	.0010	.0012	.0235	.0226	.0306	.0019	.0005	.0009		
						4725061	022207	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	235316	00500	2325	13	022207	.0679	.0162	.5258	.0084	.0049	.0104	.0371	.0053	.0001	.0010	.0012	.0235	.0226	.0306	.0019	.0005	.0009		
						4725062	022207	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	235316	00600	2320	13	022207	.0679	.0162	.5258	.0084	.0049	.0104	.0371	.0053	.0001	.0010	.0012	.0235	.0226	.0306	.0019	.0005	.0009		
						4725063	022207	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	235316	00700	2320	13	022207	.0679	.0162	.5258	.0084	.0049	.0104	.0371	.0053	.0001	.0010	.0012	.0235	.0226	.0306	.0019	.0005	.0009		
						4725064	022207	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	235316	00800	1420	8	022207	.0679	.0162	.5258	.0084	.0049	.0104	.0371	.0053	.0001	.0010	.0012	.0235	.0226	.0306	.0019	.0005	.0009		
						4725065	022207	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
			12				26730																	

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
3	5.00	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		26730																				

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 p. Re MPa	C12 strength Rm MPa	C13 A55mm %	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
3	235314	01200	2320	13	022208	0	F	20	405	489	34	1	.8	0	-20	200	194	192	195
						4725051	90	F	20	410	484	31.5							
3	235314	01300	2320	13	022208	0	F	20	405	489	34	1	.8	0	-20	200	194	192	195
						4725052	90	F	20	410	484	31.5							
3	235314	01400	2310	13	022208	0	F	20	405	489	34	1	.8	0	-20	200	194	192	195
						4725053	90	F	20	410	484	31.5							
3	235314	01500	2310	13	022208	0	F	20	405	489	34	1	.8	0	-20	200	194	192	195
						4725054	90	F	20	410	484	31.5							
3	235314	01600	2315	13	022208	0	F	20	405	489	34	1	.8	0	-20	200	194	192	195
						4725055	90	F	20	410	484	31.5							
3	235314	01700	2315	13	022208	0	F	20	405	489	34	1	.8	0	-20	200	194	192	195
						4725056	90	F	20	410	484	31.5							
3	235314	01800	2135	12	022208	0	F	20	405	489	34	1	.8	0	-20	200	194	192	195
						4725057	90	F	20	410	484	31.5							
3	235316	00400	2320	13	022207	0	F	20	403	486	34	1	.8	0	-20	184	188	200	190
						4725061	90	F	20	407	482	31.5							
3	235316	00500	2325	13	022207	0	F	20	403	486	34	1	.8	0	-20	184	188	200	190
						4725062	90	F	20	407	482	31.5							

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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3	5.00	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 yield p.	C12 strength	C13	C50	C44	C02	C03	C42	C42	C42	C43
						PR °	MAZ	Temp °C	Re MPa	Rm MPa	A55mm %	Fa	S0 cm <sup>2</sup>	PR °	Temp °C	KV2_1 J	KV2_2 J	KV2_3 J	KV2_m J
3	235316 4725063	00600	2320	13	022207	0	F	20	403	486	34	1	.8	0	-20	184	188	200	190
						90	F	20	407	482	31.5								
	235316 4725064	00700	2320	13	022207	0	F	20	403	486	34	1	.8	0	-20	184	188	200	190
						90	F	20	407	482	31.5								
	235316 4725065	00800	1420	8	022207	0	F	20	403	486	34	1	.8	0	-20	184	188	200	190
						90	F	20	407	482	31.5								
			12			26730													
TOTAL			12			26730													

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

BREMEN 16.04.2020



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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