



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
20190007056-00
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
0000818163
29.01.2019
A08.1 MANUFACTURER'S ORDER NR **1832224**
DATE 17.09.2018
AGENCY'S ORDER NR. FH84KON004003
A07 CUSTOMER'S ORDER NUMBER
1112254
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 1.74

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN

OY KONTINO AB

HAKINTIE, 6

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JITZ 1.74

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 %	Cu %	C77 Al %	C76 N %	B %	V %	Ti %	Nb %	Cr %	Ni %	Mo %	As %	Sn %	
3	161597	01100	2320	13	057113	.0725	.0110	.5297	.0111	.0060	.0168	.0363	.0041	.0001	.0017	.0013	.0218	.0331	.0318	.0035	.0019	.0012	
	4604510																						
	161597	01200	2320	13	057113	.0725	.0110	.5297	.0111	.0060	.0168	.0363	.0041	.0001	.0017	.0013	.0218	.0331	.0318	.0035	.0019	.0012	
	4604511																						
	161597	01300	2330	13	057113	.0725	.0110	.5297	.0111	.0060	.0168	.0363	.0041	.0001	.0017	.0013	.0218	.0331	.0318	.0035	.0019	.0012	
	4604512																						
	161597	01400	2330	13	057113	.0725	.0110	.5297	.0111	.0060	.0168	.0363	.0041	.0001	.0017	.0013	.0218	.0331	.0318	.0035	.0019	.0012	
	4604513																						
	161597	01500	2320	13	057113	.0725	.0110	.5297	.0111	.0060	.0168	.0363	.0041	.0001	.0017	.0013	.0218	.0331	.0318	.0035	.0019	.0012	
	4604514																						
	161597	01600	2325	13	057113	.0725	.0110	.5297	.0111	.0060	.0168	.0363	.0041	.0001	.0017	.0013	.0218	.0331	.0318	.0035	.0019	.0012	
	4604515																						
	161597	01800	1245	7	057113	.0725	.0110	.5297	.0111	.0060	.0168	.0363	.0041	.0001	.0017	.0013	.0218	.0331	.0318	.0035	.0019	.0012	
	4604519																						
	161598	00100	2330	13	057116	.0707	.0125	.5473	.0082	.0060	.0287	.0337	.0041	.0001	.0008	.0015	.0221	.0354	.0392	.0044	.0013	.0023	
	4604520																						
	161598	00200	2325	13	057116	.0707	.0125	.5473	.0082	.0060	.0287	.0337	.0041	.0001	.0008	.0015	.0221	.0354	.0392	.0044	.0013	.0023	
	4604521																						
	161598	00300	2315	13	057116	.0707	.0125	.5473	.0082	.0060	.0287	.0337	.0041	.0001	.0008	.0015	.0221	.0354	.0392	.0044	.0013	.0023	
	4604522																						
	161598	00400	2325	13	057116	.0707	.0125	.5473	.0082	.0060	.0287	.0337	.0041	.0001	.0008	.0015	.0221	.0354	.0392	.0044	.0013	.0023	
	4604523																						
	11		24485																				
TOTAL	11		24485																				

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)**

JITZ 1.74

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	TENSILE TEST					BENDTEST	SHOCK TEST						
						C02 PR	C03 Temp °C	C11 yield p. Re MPa	C12 strength Rm MPa	C13 A55mm %	C50 Fa	C44 S0 cm ²	C02 PR	C03 Temp °C	C42 KV2_1 J	C42 KV2_2 J	C42 KV2_3 J	C43 KV2_m J
3	161597	01100	2320	13	057113	0	20	402	487	34	1	.8	0	-20	202	200	218	206
	4604510																	
	161597	01200	2320	13	057113	0	20	402	487	34	1	.8	0	-20	202	200	218	206
	4604511																	
	161597	01300	2330	13	057113	0	20	402	487	34	1	.8	0	-20	202	200	218	206
	4604512																	
	161597	01400	2330	13	057113	0	20	402	487	34	1	.8	0	-20	202	200	218	206
	4604513																	
	161597	01500	2320	13	057113	0	20	402	487	34	1	.8	0	-20	202	200	218	206
	4604514																	
	161597	01600	2325	13	057113	0	20	402	487	34	1	.8	0	-20	202	200	218	206
	4604515																	
	161597	01800	1245	7	057113	0	20	402	487	34	1	.8	0	-20	202	200	218	206
	4604519																	
	161598	00100	2330	13	057116	0	20	404	487	34	1	.8	0	-20	214	202	204	206
	4604520																	
	161598	00200	2325	13	057116	0	20	404	487	34	1	.8	0	-20	214	202	204	206
	4604521																	
	161598	00300	2315	13	057116	0	20	404	487	34	1	.8	0	-20	214	202	204	206
	4604522																	
	161598	00400	2325	13	057116	0	20	404	487	34	1	.8	0	-20	214	202	204	206
	4604523																	
	11		24485															
TOTAL	11		24485															

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 1.74

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
3	5.00	1500.00	3000.00

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

BREMEN 29.01.2019



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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