



ArcelorMittal Bremen GmbH
Postfach 210220
28222 BREMEN
Carl-Benz-Strasse 30
28237 BREMEN
Telefon 0421/6480
Telefax 0421/6482251

A02
CERTIFICATE
20190048984-00
Page: 01 / 04
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
000884790
16.07.2019
A08.1 MANUFACTURER'S ORDER NR
DATE
AGENCY'S ORDER NR.
1946962
29.05.2019
FH93KON006002
A07 CUSTOMER'S ORDER NUMBER
1112948
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 1.75

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN

OY KONTINO AB

HAKINTIE, 6

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A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
2	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 %	
2	482775 4658447	00100	2510	14	064428	.0754	.0185	.5435	.0093	.0028	.0067	.0255	.0051	.0001	.0019	.0011	.0237	.0235	.0258	.0017	.0008	.0008	
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	482775 4658448	00200	2500	14	064428	.0754	.0185	.5435	.0093	.0028	.0067	.0255	.0051	.0001	.0019	.0011	.0237	.0235	.0258	.0017	.0008	.0008	
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	482775 4658449	00300	2495	14	064428	.0754	.0185	.5435	.0093	.0028	.0067	.0255	.0051	.0001	.0019	.0011	.0237	.0235	.0258	.0017	.0008	.0008	
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	482775 4658450	00400	2500	14	064428	.0754	.0185	.5435	.0093	.0028	.0067	.0255	.0051	.0001	.0019	.0011	.0237	.0235	.0258	.0017	.0008	.0008	
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	482775 4658451	00500	2500	14	064428	.0754	.0185	.5435	.0093	.0028	.0067	.0255	.0051	.0001	.0019	.0011	.0237	.0235	.0258	.0017	.0008	.0008	
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	482775 4658456	01100	2505	14	064428	.0754	.0185	.5435	.0093	.0028	.0067	.0255	.0051	.0001	.0019	.0011	.0237	.0235	.0258	.0017	.0008	.0008	
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	482775 4658457	01200	2505	14	064428	.0754	.0185	.5435	.0093	.0028	.0067	.0255	.0051	.0001	.0019	.0011	.0237	.0235	.0258	.0017	.0008	.0008	
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	482775 4658458	01300	2505	14	064428	.0754	.0185	.5435	.0093	.0028	.0067	.0255	.0051	.0001	.0019	.0011	.0237	.0235	.0258	.0017	.0008	.0008	
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	482775 4658459	01400	2500	14	064428	.0754	.0185	.5435	.0093	.0028	.0067	.0255	.0051	.0001	.0019	.0011	.0237	.0235	.0258	.0017	.0008	.0008	
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	482775 4658460	01500	2500	14	064428	.0754	.0185	.5435	.0093	.0028	.0067	.0255	.0051	.0001	.0019	.0011	.0237	.0235	.0258	.0017	.0008	.0008	
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
		10	25020																				
TOTAL		10	25020																				

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 pickled sheet QUALITY: **AMSTRONG 355MC** STANDARD: **AM FCE**
 TERMS OF DELIVERY: **EN 10051 (2010)** **S355MC** **EN 10149-2 (00-09-2013)**

JITZ 1.75

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
2	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	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 ²	PR °	Temp °C	KV2_1 J	KV2_2 J	KV2_3 J	KV2_m J
2	482775	00100	2510	14	064428	0	F	20	410	493	34	1	.8	0	-20	182	202	186	190
	4658447				064428	90	F	20	412	489	31.5								
	482775	00200	2500	14	064428	0	F	20	410	493	34	1	.8	0	-20	182	202	186	190
	4658448				064428	90	F	20	412	489	31.5								
	482775	00300	2495	14	064428	0	F	20	410	493	34	1	.8	0	-20	182	202	186	190
	4658449				064428	90	F	20	412	489	31.5								
	482775	00400	2500	14	064428	0	F	20	410	493	34	1	.8	0	-20	182	202	186	190
	4658450				064428	90	F	20	412	489	31.5								
	482775	00500	2500	14	064428	0	F	20	410	493	34	1	.8	0	-20	182	202	186	190
	4658451				064428	90	F	20	412	489	31.5								
	482775	01100	2505	14	064428	0	F	20	410	493	34	1	.8	0	-20	182	202	186	190
	4658456				064428	90	F	20	412	489	31.5								
	482775	01200	2505	14	064428	0	F	20	410	493	34	1	.8	0	-20	182	202	186	190
	4658457				064428	90	F	20	412	489	31.5								
	482775	01300	2505	14	064428	0	F	20	410	493	34	1	.8	0	-20	182	202	186	190
	4658458				064428	90	F	20	412	489	31.5								
	482775	01400	2500	14	064428	0	F	20	410	493	34	1	.8	0	-20	182	202	186	190
	4658459				064428	90	F	20	412	489	31.5								
	482775	01500	2500	14	064428	0	F	20	410	493	34	1	.8	0	-20	182	202	186	190
	4658460				064428	90	F	20	412	489	31.5								
			10		25020														
TOTAL			10		25020														

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



BREMEN 16.07.2019

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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