



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
20200063267-00

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

000023979
17.11.2020

A08.1 MANUFACTURER'S ORDER NR
DATE
AGENCY'S ORDER NR.

2073439
14.08.2020
GH04KON005003

A07 CUSTOMER'S ORDER NUMBER
1114250

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

Finland



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

A02 CERTIFICATE
A03 Page: 02 / 04
20200063267-00
 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 000023979
 17.11.2020
 A08.1 MANUFACTURER'S ORDER NR **2073439**
 DATE 14.08.2020
 AGENCY'S ORDER NR. GH04KON005003
 A07 CUSTOMER'S ORDER NUMBER
 1114250
 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

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

A08.2 ITEM	B07.1 COIL NO	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	590538	01200	340	2	029232	.0753	.0167	.5252	.0104	.0056	.0264	.0406	.0034	.0001	.0008	.0007	.0241	.0450	.0402	.0057	.0012	.0018		
						4777753	029232	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
590539	00100	2305	13	029231	.0707	.0162	.5253	.0088	.0079	.0314	.0363	.0045	.0001	.0003	.0007	.0231	.0362	.0400	.0052	.0011	.0018			
					4777711	029231	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
590539	00200	2295	13	029231	.0707	.0162	.5253	.0088	.0079	.0314	.0363	.0045	.0001	.0003	.0007	.0231	.0362	.0400	.0052	.0011	.0018			
					4777712	029231	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
590539	00300	2295	13	029231	.0707	.0162	.5253	.0088	.0079	.0314	.0363	.0045	.0001	.0003	.0007	.0231	.0362	.0400	.0052	.0011	.0018			
					4777713	029231	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
590539	00400	2295	13	029231	.0707	.0162	.5253	.0088	.0079	.0314	.0363	.0045	.0001	.0003	.0007	.0231	.0362	.0400	.0052	.0011	.0018			
					4777714	029231	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
590539	00500	2295	13	029231	.0707	.0162	.5253	.0088	.0079	.0314	.0363	.0045	.0001	.0003	.0007	.0231	.0362	.0400	.0052	.0011	.0018			
					4777715	029231	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
590539	00600	2295	13	029231	.0707	.0162	.5253	.0088	.0079	.0314	.0363	.0045	.0001	.0003	.0007	.0231	.0362	.0400	.0052	.0011	.0018			
					4777716	029231	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
590539	00800	2290	13	029231	.0707	.0162	.5253	.0088	.0079	.0314	.0363	.0045	.0001	.0003	.0007	.0231	.0362	.0400	.0052	.0011	.0018			
					4777718	029231	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
590539	00900	2300	13	029231	.0707	.0162	.5253	.0088	.0079	.0314	.0363	.0045	.0001	.0003	.0007	.0231	.0362	.0400	.0052	.0011	.0018			
					4777719	029231	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
590539	01000	2295	13	029231	.0707	.0162	.5253	.0088	.0079	.0314	.0363	.0045	.0001	.0003	.0007	.0231	.0362	.0400	.0052	.0011	.0018			
					4777720	029231	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
590539	01100	2295	13	029231	.0707	.0162	.5253	.0088	.0079	.0314	.0363	.0045	.0001	.0003	.0007	.0231	.0362	.0400	.0052	.0011	.0018			
					4777721	029231	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
590539	01200	2290	13	029231	.0707	.0162	.5253	.0088	.0079	.0314	.0363	.0045	.0001	.0003	.0007	.0231	.0362	.0400	.0052	.0011	.0018			
					4777722	029231	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)
---	---	-------------------------	--



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

A02 CERTIFICATE
 A03 Page: 03 / 04
20200063267-00
 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 000023979
 17.11.2020
 A08.1 MANUFACTURER'S ORDER NR **2073439**
 DATE 14.08.2020
 AGENCY'S ORDER NR. GH04KON005003
 A07 CUSTOMER'S ORDER NUMBER
 1114250
 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** 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	590539 4777733	01300	875	5	029231 029231	.0707	.0162	.5253	.0088	.0079	.0314	.0363	.0045	.0001	.0003	.0007	.0231	.0362	.0400	.0052	.0011	.0018		
	13		26465			0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
TOTAL		13	26465																					

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	A55mm	Fa	S0	PR	Temp	KV2_1	KV2_2	KV2_3	KV2_m
3	590538 4777753	01200	340	2	029232 029232	0	F	20	409	491	34	1	.8	0	-20	196	188	214	199
	590539 4777711	00100	2305	13	029231 029231	0	F	20	406	488	34	1	.8	0	-20	184	190	190	188
	590539 4777712	00200	2295	13	029231 029231	0	F	20	406	488	34	1	.8	0	-20	184	190	190	188
	590539 4777713	00300	2295	13	029231 029231	0	F	20	406	488	34	1	.8	0	-20	184	190	190	188
	590539 4777714	00400	2295	13	029231 029231	0	F	20	406	488	34	1	.8	0	-20	184	190	190	188
	590539 4777715	00500	2295	13	029231 029231	0	F	20	406	488	34	1	.8	0	-20	184	190	190	188
	590539 4777716	00600	2295	13	029231 029231	0	F	20	406	488	34	1	.8	0	-20	184	190	190	188

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)



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

A02 CERTIFICATE
A03 Page: 04 / 04
20200063267-00
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 0000023979
17.11.2020
A08.1 MANUFACTURER'S ORDER NR **2073439**
DATE 14.08.2020
AGENCY'S ORDER NR. GH04KON005003
A07 CUSTOMER'S ORDER NUMBER
1114250
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**
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	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	A55mm %	Fa	S0 cm ²	PR °	Temp °C	KV2_1 J	KV2_2 J	KV2_3 J	KV2_m J
3	590539	00800	2290	13	029231	0	F	20	406	488	34	1	.8	0	-20	184	190	190	188
	4777718				029231	90	F	20	413	484	32								
	590539	00900	2300	13	029231	0	F	20	406	488	34	1	.8	0	-20	184	190	190	188
	4777719				029231	90	F	20	413	484	32								
	590539	01000	2295	13	029231	0	F	20	406	488	34	1	.8	0	-20	184	190	190	188
	4777720				029231	90	F	20	413	484	32								
	590539	01100	2295	13	029231	0	F	20	406	488	34	1	.8	0	-20	184	190	190	188
	4777721				029231	90	F	20	413	484	32								
	590539	01200	2290	13	029231	0	F	20	406	488	34	1	.8	0	-20	184	190	190	188
	4777722				029231	90	F	20	413	484	32								
	590539	01300	875	5	029231	0	F	20	406	488	34	1	.8	0	-20	184	190	190	188
	4777733				029231	90	F	20	413	484	32								
		13		26465															
TOTAL		13		26465															

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

BREMEN 17.11.2020



QUALITY DEPARTMENT
SITE EXPERT FOR INSPECTION
Kramer

Juho 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)
---	---	-------------------------	--