



ArcelorMittal Bremen GmbH
Postfach 210220
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Carl-Benz-Strasse 30
28237 BREMEN
Telefon 0421/6480
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A02
CERTIFICATE
A03 Page: 01 / 02
20200010520-00
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
0000948888
14.02.2020
A08.1 MANUFACTURER'S ORDER NR
DATE
AGENCY'S ORDER NR. GH01HTH005006
1958801
09.12.2019
A07 CUSTOMER'S ORDER NUMBER
13491/13491/006
A10 PART NUMBER
AMSTRONG355MC_PICKLED

A06.1 CUSTOMER
HTM YHTIOT OY
TIILITEHTAANTIE 23
12310 RYTTYLAE
Finland
A06.2 CONSIGNEE
HTM YHTIOT OY
TIILITEHTAANTIE 23
12310 RYTTYLAE
Finland

PRODUCT: hot rolled pickled coil

QUALITY: AMSTRONG@355MC
S355MC

STANDARD: AM FCE
EN 10149-2 (00-09-2013)

TERMS OF DELIVERY: EN 10051 (2010)

JITZ 1.78

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 A08.1 MANUFACTURER'S ORDER NR **1958801**
 DATE 09.12.2019
 AGENCY'S ORDER NR. GH01HHTH005006
 A07 CUSTOMER'S ORDER NUMBER
 13491/13491/006
 A10 PART NUMBER
 AMSTRONG355MC_PICKLED

A06.1 CUSTOMER
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TIILITEHTAANTIE 23
12310 RYTTYLAE
Finnland
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PRODUCT: hot rolled pickled coil 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 THICKNESS mm	B10 WIDTH mm
6	5.00	1500.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	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	110324	50100	14080	021177	.0699	.0164	.5291	.0120	.0047	.0111	.0434	.0043	.0001	.0010	.0013	.0245	.0264	.0236	.0021	.0006	.0010		
				021177	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
		1	14080																				
TOTAL		1	14080																				

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	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 Re MPa	p. strength Rm MPa	A55mm %	Fa	S0 cm²	PR °	Temp °C	KV2_1 J	KV2_2 J	KV2_3 J	KV2_m J	
6	110324	50100	14080	021177	0	F	20	408	490	34	1	.8	0	-20	194	184	184	187	
				021177	90	F	20	411	486	31.5									
		1	14080																
TOTAL		1	14080																

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

BREMEN 15.02.2020



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)
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