



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

A02
CERTIFICATE
A03 Page: 01 / 03
20180050037-00
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 03.07.2018
SHIP
KAILI
A08.1 MANUFACTURER'S ORDER NR **1823391**
DATE 15.05.2018
AGENCY'S ORDER NR. FH82ALU006002

A07 CUSTOMER'S ORDER NUMBER
17511

A06.1 CUSTOMER
Oy AluSteel Ab
Telakkatie 4
23500 Uusikaupunki
Finland
A06.2 CONSIGNEE
Oy AluSteel Ab
Hepokarintie 9
23500 UUSIKAUPUNKI
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 1.74

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN

Oy AluSteel Ab

Telakkatie 4

23500 Uusikaupunki

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JITZ 1.74

A08.2 ITEM	B09 THICKNESS mm	B10 WIDTH mm
2	4.00	1500.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B07.2 HEAT	CHEMICAL ANALYSIS																		
					C71	C73	C72	C74	C75	Cu	C77	C76	B	V	Ti	Nb	Cr	Ni	Mo	As	Sn		
					C %	Si %	Mn %	P %	S %	Cu %	Al %	N %	B %	V %	Ti %	Nb %	Cr %	Ni %	Mo %	As %	Sn %		
2	441052	50000	28200	713821	.0805	.0090	.5500	.0150	.0069	.0070	.0300	.0022	0.0000	0.0000	0.0000	.0245	.0190	.0040	0.0000	.0012	.0010		
	476048	50000	33500	052553	.0751	.0106	.5262	.0088	.0040	.0056	.0419	.0057	.0001	.0013	.0018	.0234	.0176	.0255	.0013	.0007	.0009		
	476049	50000	33480	052553	.0751	.0106	.5262	.0088	.0040	.0056	.0419	.0057	.0001	.0013	.0018	.0234	.0176	.0255	.0013	.0007	.0009		
	476050	50000	33480	052553	.0751	.0106	.5262	.0088	.0040	.0056	.0419	.0057	.0001	.0013	.0018	.0234	.0176	.0255	.0013	.0007	.0009		
	476051	50000	33500	052553	.0751	.0106	.5262	.0088	.0040	.0056	.0419	.0057	.0001	.0013	.0018	.0234	.0176	.0255	.0013	.0007	.0009		
	476052	50000	25480	052560	.0713	.0108	.5105	.0073	.0035	.0055	.0332	.0052	.0001	.0005	.0013	.0226	.0207	.0259	.0018	.0008	.0008		
	476053	50000	31760	052560	.0713	.0108	.5105	.0073	.0035	.0055	.0332	.0052	.0001	.0005	.0013	.0226	.0207	.0259	.0018	.0008	.0008		
		7	219400																				
TOTAL		7	219400																				

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B07.2 HEAT	TENSILE TEST							BEND TEST
					C02	C04	C03	C11	C12	C13	C50	
					PR °	MAZ	Temp °C	yield Re MPa	p. strength Rm MPa	A50mm %	Fa	
2	441052	50000	28200	713821	0	F	20	407	495	33.5	1	
	476048	50000	33500	052553	0	F	20	405	492	33.5	1	
	476049	50000	33480	052553	0	F	20	406	492	33.5	1	
	476050	50000	33480	052553	0	F	20	406	492	33.5	1	
	476051	50000	33500	052553	0	F	20	406	492	33.5	1	
	476052	50000	25480	052560	0	F	20	385	480	32.5	1	
	476053	50000	31760	052560	0	F	20	370	479	31	1	
		7	219400									

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
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A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm
2	4.00	1500.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B07.2 HEAT	TENSILE TEST						BENDTEST
					C02 PR	C04 MAZ	C03 Temp °C	C11 yield p. Re MPa	C12 strength Rm MPa	C13 A50mm %	C50 Fa
TOTAL					7	219400					

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



BREMEN 04.07.2018

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
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