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A02  
CERTIFICATE  
A03 Page: 01 / 02  
**20180066819-00**  
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  
0000757962  
05.09.2018  
A08.1 MANUFACTURER'S ORDER NR  
DATE  
AGENCY'S ORDER NR.  
1823301  
15.05.2018  
FH83ALU006003

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

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Oy AluSteel Ab

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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 1.74

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

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	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	<b>185291</b>	50000	27800	<b>054273</b>	.0724	.0149	.5339	.0063	.0060	.0075	.0380	.0058	.0001	.0005	.0009	.0228	.0173	.0251	.0021	.0006	.0008
	<b>203277</b>	50000	33260	<b>054263</b>	.0746	.0220	.5423	.0098	.0041	.0066	.0450	.0053	.0001	.0019	.0013	.0249	.0219	.0236	.0014	.0007	.0006
		2	61060																		
TOTAL		2	61060																		

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B07.2 HEAT	TENSILE TEST					BEND TEST	SHOCK TEST						
					C02 PR	C03 Temp °C	C11 yield p. Re MPa	C12 strength Rm MPa	C13 A55mm %	C50 Fa	C44 S0 cm <sup>2</sup>	C02 PR	C03 Temp °C	C42 KV2_1 J	C42 KV2_2 J	C42 KV2_3 J	C43 KV2_m J
3	<b>185291</b>	50000	27800	<b>054273</b>	0	20	402	487	34	1	.8	0	-20	174	168	158	166
	<b>203277</b>	50000	33260	<b>054263</b>	0	20	416	497	33.5	1	.8	0	-20	188	174	174	178
		2	61060														
TOTAL		2	61060														

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

BREMEN 05.09.2018



QUALITY DEPARTMENT  
 SITE EXPERT FOR INSPECTION  
 Kramer

*Klaus 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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