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Telefon 0421/6480  
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A02  
CERTIFICATE  
A03 Page: 01 / 02  
**20170030519-00**  
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 0000542770  
SHIP 19.04.2017  
PERSEUS  
A08.1 MANUFACTURER'S ORDER NR **1787819**  
DATE 17.02.2017  
AGENCY'S ORDER NR. FH72ALU001018  
A07 CUSTOMER'S ORDER NUMBER  
38611

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

PRODUCT: hot rolled unpickled coil

QUALITY: **AMSTRONG 355MC**  
**S355MC**

STANDARD: **AM FCE**  
**EN 10149-2 (00-09-1995)**

TERMS OF DELIVERY: **EN 10051 (2010)**

JITZ 1.74

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN

Oy AluSteel Ab

Telakkatie 4

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A06.1 CUSTOMER  
**Oy AluSteel Ab**  
 Telakkatie 4  
 23500 Uusikaupunki  
 Finland  
 A06.2 CONSIGNEE  
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 23500 UUSIKAUPUNKI  
 Finland

PRODUCT: hot rolled unpickled coil      QUALITY: **AMSTRONG 355MC**      STANDARD: **AM FCE**  
 TERMS OF DELIVERY: **EN 10051 (2010)**      **S355MC**      **EN 10149-2 (00-09-1995)**

JITZ 1.74

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm
18	16.00	1500.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B07.2 HEAT	CHEMICAL ANALYSIS																				
					C71	C73	C72	C74	C75	C77	C76														
					C %	Si %	Mn %	P %	S %	Cu %	Al %	N %	B %	V %	Ti %	Nb %	Cr %	Ni %	Mo %	As %	Sn %				
18	<b>097791</b>	00000	25440	<b>038147</b>	.0781	.0231	.9462	.0130	.0029	.0161	.0362	.0064	.0001	.0018	.0019	.0494	.0343	.0261	.0034	.0012	.0020				
	<b>226462</b>	00000	23140	<b>037882</b>	.0759	.0230	.9492	.0133	.0019	.0256	.0385	.0060	.0001	.0028	.0018	.0533	.0502	.0352	.0065	.0014	.0021				
		2	48580																						
TOTAL		2	48580																						

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B07.2 HEAT	TENSILE TEST					BEND TEST	SHOCK TEST						
					C02	C03	C11	C12	C13	C50	C44	C02	C03	C42	C42	C42	C43
					PR °	Temp °C	yield p. Re MPa	strength Rm MPa	Al25mm %	Fa	S0 cm <sup>2</sup>	PR °	Temp °C	KV2_1 J	KV2_2 J	KV2_3 J	KV2_m J
18	<b>097791</b>	00000	25440	<b>038147</b>	0	20	396	517	30	1	.8	0	-20	213	241	210	221
	<b>226462</b>	00000	23140	<b>037882</b>	0	20	411	514	32.5	1	.8	0	-20	257	245	229	243
		2	48580														
TOTAL		2	48580														

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

BREMEN 20.04.2017



QUALITY DEPARTMENT  
 SITE EXPERT FOR INSPECTION  
 Bruns

*Brun*

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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