



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

A02  
CERTIFICATE  
A03 Page: 01 / 02  
**20170030522-00**  
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. FH72ALU001021

A07 CUSTOMER'S ORDER NUMBER  
38611

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 unpickled coil

QUALITY: **Amstrong Ultra 650MC**  
**S650MC**

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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 Finland

PRODUCT: hot rolled unpickled coil    QUALITY: **Amstrong Ultra 650MC**    STANDARD: **AM FCE**  
 TERMS OF DELIVERY: **EN 10051 (2010)**    S650MC    EN 10149-2 (00-09-2013)

JITZ 1.74

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm
21	8.00	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 %				
21	<b>204276</b>	00000	22420	<b>038011</b>	.0597	.0300	1.860	.0076	.0013	.0248	.0469	.0050	.0001	.0062	.1246	.0683	.0371	.0340	.0067	.0019	.0021				
	<b>204277</b>	00000	22410	<b>038011</b>	.0597	.0300	1.860	.0076	.0013	.0248	.0469	.0050	.0001	.0062	.1246	.0683	.0371	.0340	.0067	.0019	.0021				
		2	44830																						
TOTAL		2	44830																						

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B07.2 HEAT	TENSILE TEST					BENDTEST	SHOCK TEST						
					C02	C03	C11	C12	C13	C50	C44	C02	C03	C42	C42	C42	C43
					PR °	Temp °C	yield p. strength MPa	Re MPa	Rm MPa	A70mm %	Fa	S0 cm <sup>2</sup>	PR °	Temp °C	KV2_1 J	KV2_2 J	KV2_3 J
21	<b>204276</b>	00000	22420	<b>038011</b>	0	20	719	775	23	1	.8	0	-20	141	135	120	132
	<b>204277</b>	00000	22410	<b>038011</b>	0	20	709	768	19	1	.8	0	-20	172	152	156	160
		2	44830														
TOTAL		2	44830														

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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