



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  
**20180060794-00**  
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 0000748850  
SHIP 14.08.2018  
MALENA  
A08.1 MANUFACTURER'S ORDER NR **1822711**  
DATE 04.05.2018  
AGENCY'S ORDER NR. FH83ALU001002  
A07 CUSTOMER'S ORDER NUMBER  
17437

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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 TERMS OF DELIVERY: **EN 10051 (2010)**      **S355MC**      **EN 10149-2 (00-09-2013)**

JITZ 1.74

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	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 %			
2	<b>581067</b>	50000	28980	<b>714144</b>	.0708	.0081	.5481	.0130	.0064	.0119	.0307	.0050	0.0000	.0001	.0005	.0233	.0356	.0109	.0009	.0010	.0036			
	<b>581068</b>	50000	28860	<b>714143</b>	.0722	.0085	.5332	.0118	.0074	.0177	.0350	.0057	0.0000	.0001	.0005	.0228	.0485	.0125	.0016	.0012	.0047			
	<b>581069</b>	50000	28800	<b>714144</b>	.0708	.0081	.5481	.0130	.0064	.0119	.0307	.0050	0.0000	.0001	.0005	.0233	.0356	.0109	.0009	.0010	.0036			
	<b>581070</b>	50000	28960	<b>714143</b>	.0722	.0085	.5332	.0118	.0074	.0177	.0350	.0057	0.0000	.0001	.0005	.0228	.0485	.0125	.0016	.0012	.0047			
	<b>581071</b>	50000	29120	<b>714144</b>	.0708	.0081	.5481	.0130	.0064	.0119	.0307	.0050	0.0000	.0001	.0005	.0233	.0356	.0109	.0009	.0010	.0036			
	<b>581072</b>	50000	29100	<b>714145</b>	.0687	.0071	.5492	.0131	.0071	.0155	.0292	.0037	0.0000	.0002	.0004	.0237	.0265	.0118	.0008	.0012	.0018			
	<b>581073</b>	50000	28720	<b>714144</b>	.0708	.0081	.5481	.0130	.0064	.0119	.0307	.0050	0.0000	.0001	.0005	.0233	.0356	.0109	.0009	.0010	.0036			
	<b>581074</b>	50000	28120	<b>714145</b>	.0687	.0071	.5492	.0131	.0071	.0155	.0292	.0037	0.0000	.0002	.0004	.0237	.0265	.0118	.0008	.0012	.0018			
		8	230660																					
TOTAL		8	230660																					

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B07.2 HEAT	TENSILE TEST							BENDTEST
					C02	C04	C03	C11	C12	C13	C50	
					PR °	MAZ	Temp °C	yield Re MPa	p. strength Rm MPa	A50mm %	Fa	
2	<b>581067</b>	50000	28980	<b>714144</b>	0	F	20	406	491	33.5	1	
	<b>581068</b>	50000	28860	<b>714143</b>	0	F	20	404	491	33.5	1	
	<b>581069</b>	50000	28800	<b>714144</b>	0	F	20	405	491	33.5	1	
	<b>581070</b>	50000	28960	<b>714143</b>	0	F	20	404	491	33.5	1	
	<b>581071</b>	50000	29120	<b>714144</b>	0	F	20	406	491	33.5	1	
	<b>581072</b>	50000	29100	<b>714145</b>	0	F	20	404	488	33.5	1	
	<b>581073</b>	50000	28720	<b>714144</b>	0	F	20	405	490	33.5	1	
	<b>581074</b>	50000	28120	<b>714145</b>	0	F	20	404	488	33.5	1	

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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JITZ 1.74

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

A08.2	B07.1	B07.1	B13	B07.2	TENSILE TEST						BENDTEST	
					C02	C04	C03	C11	C12	C13	C50	
ITEM	COILNO	PART	WEIGHT	HEAT	PR	MAZ	Temp	yield	p.	strength	A50mm	Fa
			kg		°		°C	Re		Rm	%	
					°		°C	MPa		MPa		
2	8		230660									
<b>TOTAL</b>	<b>8</b>		<b>230660</b>									

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



BREMEN 15.08.2018

QUALITY DEPARTMENT  
 SITE EXPERT FOR INSPECTION  
 Kramer

*Jarkko 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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