



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
<b>20220031215-00</b>	

Inspection certificate 3.1 EN 10204

A05 ORIGINATOR OF THE DOCUMENT  
ArcelorMittal Bremen GmbH  
Carl-Benz-Straße 30, 28237 Bremen  
zeugnisse.bremen@arcelormittal.com  
Telefon 0421/6482813

A09 DISPATCH NOTE  
DATE 29.04.2022  
SHIP LADY HESTER

A08.1 MANUFACTURER'S ORDER NR **2216589**  
DATE 08.03.2022  
AGENCY'S ORDER NR. GH22ALL004001

A07 CUSTOMER'S ORDER NUMBER  
42003/42003/1

A10 PART NUMBER  
2463300

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

JITZ 1.79

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN

Oy AluSteel Ab

Telakkatie 4

23500 Uusikaupunki

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**Finnland**

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 1.79

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm
1	5.00	1500.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B07.2 HEAT	CHEMICAL ANALYSIS																		
					C71	C73	C72	C74	C75	C81	C77	C76	C83	C84	C78	C82	C79	C80	C85	As	Sn		
					C %	Si %	Mn %	P %	S %	Cu %	Al %	N %	B %	V %	Ti %	Nb %	Cr %	Ni %	Mo %	As %	Sn %		
1	544587	50000	34040	046464	.0672	.0104	.5315	.0146	.0035	.0246	.0355	.0045	.0001	.0032	.0016	.0219	.0456	.0372	.0062	.0017	.0024		
					0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
1	544588	50000	34020	046463	.0682	.0115	.5206	.0149	.0060	.0195	.0339	.0047	.0001	.0031	.0016	.0217	.0319	.0330	.0038	.0015	.0038		
					0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
1	544589	50000	34040	046464	.0672	.0104	.5315	.0146	.0035	.0246	.0355	.0045	.0001	.0032	.0016	.0219	.0456	.0372	.0062	.0017	.0024		
					0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
1	544590	50000	33960	046464	.0672	.0104	.5315	.0146	.0035	.0246	.0355	.0045	.0001	.0032	.0016	.0219	.0456	.0372	.0062	.0017	.0024		
					0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
1	544591	50000	34020	046464	.0672	.0104	.5315	.0146	.0035	.0246	.0355	.0045	.0001	.0032	.0016	.0219	.0456	.0372	.0062	.0017	.0024		
					0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
1	544592	50000	34020	046465	.0683	.0108	.5304	.0120	.0052	.0310	.0373	.0047	.0001	.0015	.0014	.0231	.0423	.0376	.0055	.0019	.0032		
					0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
6		204100																					
TOTAL		6		204100																			

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B07.2 HEAT	TENSILE TEST							BEND TEST		SHOCK TEST					
					C02	C04	C03	C11	C12	C13	C50	C44	C02	C03	C42	C42	C42	C43	
					PR	MAZ	Temp	yield p.	strength	A55mm	Fa	S0	PR	Temp	KV2VP_1	KV2VP_2	KV2VP_3	KV2VP_m	
1	544587	50000	34040	046464	0	F	20	403	486	34	1	.8	0	-20	203	205	205	204	
					90	F	20	410	481	32									
1	544588	50000	34020	046463	0	F	20	402	485	34	1	.8	0	-20	189	193	187	189	
					90	F	20	408	481	32									

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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1	5.00	1500.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B07.2 HEAT	TENSILE TEST							BEND TEST		SHOCK TEST				
					C02	C04	C03	C11	C12	C13	C50	C44	C02	C03	C42	C42	C42	C43
					PR °	MAZ	Temp °C	yield p. strength Re MPa	strength Rm MPa	A55mm %	Fa	S0 cm <sup>2</sup>	PR °	Temp °C	KV2VP_1 J	KV2VP_2 J	KV2VP_3 J	KV2VP_m J
1	544589	50000	34040	046464	0	F	20	403	486	34	1	.8	0	-20	193	189	195	192
				046464	90	F	20	410	481	32								
	544590	50000	33960	046464	0	F	20	403	486	34	1	.8	0	-20	193	189	195	192
				046464	90	F	20	410	481	32								
	544591	50000	34020	046464	0	F	20	404	486	34	1	.8	0	-20	185	172	176	177
				046464	90	F	20	410	481	32								
	544592	50000	34020	046465	0	F	20	406	488	34	1	.8	0	-20	201	203	189	197
				046465	90	F	20	413	484	32								
		6	204100															
TOTAL		6	204100															

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

BREMEN 29.04.2022



QUALITY DEPARTMENT  
 SITE EXPERT FOR INSPECTION

Kramer

*Juhas 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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