



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
20220011036-00
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 09.02.2022
SHIP BALTIC SKIPPER
0000176644

A08.1 MANUFACTURER'S ORDER NR **2108220**
DATE 19.10.2021
AGENCY'S ORDER NR. GH21ALU001003

A07 CUSTOMER'S ORDER NUMBER
39894

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@355MC**

STANDARD: **AM FCE**

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

JITZ 1.79

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN

Oy AluSteel Ab

Telakkatie 4

23500 Uusikaupunki

Finland



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A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm
3	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	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 %
3	130711	00000	30500	043073	.0778	.0142	.9624	.0126	.0025	.0194	.0315	.0040	.0001	.0012	.0011	.0524	.0470	.0381	.0040	.0012	.0014
				043073	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	130712	00000	30400	043073	.0778	.0142	.9624	.0126	.0025	.0194	.0315	.0040	.0001	.0012	.0011	.0524	.0470	.0381	.0040	.0012	.0014
				043073	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	130713	00000	33530	043074	.0741	.0140	.9814	.0150	.0033	.0250	.0305	.0044	.0001	.0029	.0011	.0521	.0488	.0398	.0041	.0013	.0016
				043074	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	130714	00000	30360	043074	.0741	.0140	.9814	.0150	.0033	.0250	.0305	.0044	.0001	.0029	.0011	.0521	.0488	.0398	.0041	.0013	.0016
				043074	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	130715	00000	33580	043074	.0741	.0140	.9814	.0150	.0033	.0250	.0305	.0044	.0001	.0029	.0011	.0521	.0488	.0398	.0041	.0013	.0016
				043074	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	130716	00000	31100	043074	.0741	.0140	.9814	.0150	.0033	.0250	.0305	.0044	.0001	.0029	.0011	.0521	.0488	.0398	.0041	.0013	.0016
				043074	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
			6	189470																	
TOTAL			6	189470																	

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	Rm MPa	Al25mm %	Fa	S0 cm²	PR °	Temp °C	KV2VP 1 J	KV2VP 2 J	KV2VP 3 J	KV2VP m J
3	130711	00000	30500	043073	0	F	20	425	508	33.5	1	.8	0	-20	272	239	263	258
				043073	90	F	20	449	519	25.5								
	130712	00000	30400	043073	0	F	20	425	508	33.5	1	.8	0	-20	272	239	263	258
				043073	90	F	20	449	519	25.5								

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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JITZ 1.79

A08.2	B09	B10
ITEM	THICKNES	WIDTH
	mm	mm
3	16.00	1500.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B07.2 HEAT	TENSILE TEST							BENDTEST	SHOCK TEST					
					C02 PR °	C04 MAZ	C03 Temp °C	yield p. Re MPa	C11 strength Rm MPa	C12 A125mm %	C13	C50 Fa	C44 S0 cm ²	C02 PR °	C03 Temp °C	C42 KV2VP 1 J	C42 KV2VP 2 J	C42 KV2VP 3 J
3	130713	00000	33530	043074 043074	0 90	F F	20 20	404 436	488 503	27.5 24	1	.8	0	-20	279	321	280	293
	130714	00000	30360	043074 043074	0 90	F F	20 20	404 436	488 503	27.5 24	1	.8	0	-20	279	321	280	293
	130715	00000	33580	043074 043074	0 90	F F	20 20	404 436	488 503	27.5 24	1	.8	0	-20	279	321	280	293
	130716	00000	31100	043074 043074	0 90	F F	20 20	404 436	488 503	27.5 24	1	.8	0	-20	279	321	280	293
		6	189470															
TOTAL		6	189470															

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

BREMEN 10.02.2022



QUALITY DEPARTMENT
 SITE EXPERT FOR INSPECTION
 Witt

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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