



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
20220056946-00

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 05.08.2022
SHIP RIX SPRING
0000240163

A08.1 MANUFACTURER'S ORDER NR 2220108
DATE 10.05.2022
AGENCY'S ORDER NR. GH23ALU001022

A07 CUSTOMER'S ORDER NUMBER
42967/42967/22

A10 PART NUMBER
2462440

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
S355MC

STANDARD: AM FCE
EN 10149-2 (00-09-2013)

TERMS OF DELIVERY: EN 10051 (2010)

JITZ 1.79

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN

Oy AluSteel Ab

Telakkatie 4

23500 Uusikaupunki

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Finnland
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JITZ 1.79

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm
22	20.00	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 %		
22	273971	00000	30720	048701	.0760	.0087	.9544	.0120	.0021	.0237	.0228	.0053	.0001	.0019	.0009	.0485	.0427	.0630	.0108	.0019	.0018		
				048701	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
305857	00000	33020	33020	048938	.0787	.0173	.9645	.0118	.0035	.0151	.0203	.0060	.0001	.0018	.0009	.0510	.0226	.0310	.0038	.0019	.0022		
				048938	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
305858	00000	33080	33080	048938	.0787	.0173	.9645	.0118	.0035	.0151	.0203	.0060	.0001	.0018	.0009	.0510	.0226	.0310	.0038	.0019	.0022		
				048938	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
			3	96820																			
TOTAL			3	96820																			

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B07.2 HEAT	TENSILE TEST						BENDTEST	SHOCK TEST						
					C02	C04	C03	C11	C12	C13	C50	C44	C02	C03	C42	C42	C42	C43
					PR °	MAZ	Temp °C	yield p. Re MPa	strength Rm MPa	A140mm %	Fa	S0 cm ²	PR °	Temp °C	KV2VP_1 J	KV2VP_2 J	KV2VP_3 J	KV2VP_m J
22	273971	00000	30720	048701	0	F	20	386	512	29.5	1	.8	0	-20	182	172	144	166
				048701	90	F	20	436	526	24								
305857	00000	33020	33020	048938	0	F	20	390	517	29.5	1	.8	0	-20	274	283	305	287
				048938	90	F	20	457	528	24								
305858	00000	33080	33080	048938	0	F	20	373	495	32	1	.8	0	-20	305	298	325	309
				048938	90	F	20	433	498	29								
			3	96820														
TOTAL			3	96820														

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
22	20.00	1500.00

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



BREMEN 08.08.2022

QUALITY DEPARTMENT
 SITE EXPERT FOR INSPECTION
 Harde

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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