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A02
CERTIFICATE
A03 Page: 01 / 02
20180012498-00
Inspection certificate 3.1 EN 10204
A05 ORIGINATOR OF THE DOCUMENT
ArcelorMittal Bremen GmbH
Abnahme/Zeugnisschreibung
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Telefon 0421/6482813

A09 DISPATCH NOTE
DATE 09.02.2018
SHIP
RMS NEUDORF
A08.1 MANUFACTURER'S ORDER NR **1711709**
DATE 22.11.2017
AGENCY'S ORDER NR. FH81ALU003013

A07 CUSTOMER'S ORDER NUMBER
41514

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-MASC**
S355MC

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

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

JITZ 1.74

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN

Oy AluSteel Ab

Telakkatie 4

23500 Uusikaupunki

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JITZ 1.74

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm
13	15.00	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	B	V	Ti	Nb	Cr	Ni	Mo	As	Sn	
					C %	Si %	Mn %	P %	S %	Cu %	Al %	N %	B %	V %	Ti %	Nb %	Cr %	Ni %	Mo %	As %	Sn %
13	228994	00000	27010	047789	.0761	.0141	.9569	.0099	.0048	.0139	.0399	.0043	.0001	.0010	.0018	.0495	.0337	.0320	.0042	.0015	.0015
	228995	00000	28460	047789	.0761	.0141	.9569	.0099	.0048	.0139	.0399	.0043	.0001	.0010	.0018	.0495	.0337	.0320	.0042	.0015	.0015
	229754	00000	28340	047795	.0732	.0109	.9422	.0097	.0034	.0101	.0370	.0049	.0001	.0031	.0015	.0495	.0269	.0249	.0020	.0010	.0009
	229757	00000	28750	047796	.0743	.0117	.9598	.0108	.0050	.0154	.0329	.0048	.0001	.0023	.0015	.0486	.0361	.0349	.0049	.0014	.0015
		4	112560																		
TOTAL		4	112560																		

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. Re MPa	strength Rm MPa	Al20mm %	Fa	S0 cm²	PR °	Temp °C	KV2_1 J	KV2_2 J	KV2_3 J	KV2_m J
13	228994	00000	27010	047789	0	20	410	497	31.5	1	.8	0	-20	202	178	222	200
	228995	00000	28460	047789	0	20	410	492	27.5	1	.8	0	-20	85	122	162	123
	229754	00000	28340	047795	0	20	401	480	26	1	.8	0	-20	90	82	138	103
	229757	00000	28750	047796	0	20	417	502	31.5	1	.8	0	-20	258	229	195	227
		4	112560														
TOTAL		4	112560														

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

BREMEN 12.02.2018



QUALITY DEPARTMENT
 SITE EXPERT FOR INSPECTION
 Dr. Breitschuh

Breitschuh

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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