



ArcelorMittal Bremen GmbH
Postfach 210220
28222 BREMEN
Carl-Benz-Strasse 30
28237 BREMEN
Telefon 0421/6480
Telefax 0421/6482251

A02
CERTIFICATE
A03 Page: 01 / 02
20170030519-00
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 0000542770
SHIP 19.04.2017
PERSEUS
A08.1 MANUFACTURER'S ORDER NR **1787819**
DATE 17.02.2017
AGENCY'S ORDER NR. FH72ALU001018
A07 CUSTOMER'S ORDER NUMBER
38611

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 (00-09-1995)

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

JITZ 1.74

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN

Oy AluSteel Ab

Telakkatie 4

23500 Uusikaupunki

Finland



ArcelorMittal Bremen GmbH
 Postfach 210220
 28222 BREMEN
 Carl-Benz-Strasse 30
 28237 BREMEN
 Telefon 0421/6480
 Telefax 0421/6482251

A02 CERTIFICATE
 A03 Page: 02/ 02
20170030519-00
 Inspection certificate 3.1 EN 10204
 A05 ORIGINATOR OF THE DOCUMENT
 ArcelorMittal Bremen GmbH
 Abnahme/Zeugnissschreibung
 zeugnisse.bremen@arcelormittal.com
 Telefon 0421/6482813

A09 DISPATCH NOTE
 DATE 19.04.2017
 SHIP PERSEUS
 A08.1 MANUFACTURER'S ORDER NR **1787819**
 DATE 17.02.2017
 AGENCY'S ORDER NR. FH72ALU001018
 A07 CUSTOMER'S ORDER NUMBER
 38611

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)** **S355MC** **EN 10149-2 (00-09-1995)**

JITZ 1.74

A08.2 ITEM	B09 THICKNESS mm	B10 WIDTH mm
18	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	C77	C76													
					C %	Si %	Mn %	P %	S %	Cu %	Al %	N %	B %	V %	Ti %	Nb %	Cr %	Ni %	Mo %	As %	Sn %			
18	097791	00000	25440	038147	.0781	.0231	.9462	.0130	.0029	.0161	.0362	.0064	.0001	.0018	.0019	.0494	.0343	.0261	.0034	.0012	.0020			
	226462	00000	23140	037882	.0759	.0230	.9492	.0133	.0019	.0256	.0385	.0060	.0001	.0028	.0018	.0533	.0502	.0352	.0065	.0014	.0021			
		2	48580																					
TOTAL		2	48580																					

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B07.2 HEAT	TENSILE TEST					BEND TEST	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	Al25mm %	Fa	S0 cm ²	PR °	Temp °C	KV2_1 J	KV2_2 J	KV2_3 J	KV2_m J
18	097791	00000	25440	038147	0	20	396	517	30	1	.8	0	-20	213	241	210	221
	226462	00000	23140	037882	0	20	411	514	32.5	1	.8	0	-20	257	245	229	243
		2	48580														
TOTAL		2	48580														

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

BREMEN 20.04.2017



QUALITY DEPARTMENT
 SITE EXPERT FOR INSPECTION
 Bruns

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)
---	---	-------------------------	--