



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
20150040754-00
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
0000257466
15.06.2015
A08.1 MANUFACTURER'S ORDER NR
DATE
AGENCY'S ORDER NR.
1544583
14.04.2015
FH52ALU001016

A07 CUSTOMER'S ORDER NUMBER
31032

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: **AMSTRONG650MC**
S650MC

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

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

JITZ 1.71

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
20150040754-00
 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 0000257466
 15.06.2015
 A08.1 MANUFACTURER'S ORDER NR **1544583**
 DATE 14.04.2015
 AGENCY'S ORDER NR. FH52ALU001016
 A07 CUSTOMER'S ORDER NUMBER
 31032

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: **AMSTRONG650MC** STANDARD: **AM FCE**
 TERMS OF DELIVERY: **EN 10051 (2010)** **S650MC** **EN 10149-2 (00-09-2013)**

JITZ 1.71

A08.2 ITEM	B11 THICKNES mm	B12 WIDTH mm
16	8.00	1500.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B14 WEIGHT kg	B07.2 HEAT	CHEMICAL ANALYSIS																		
					C71 C %	C73 Si %	C72 Mn %	C74 P %	C75 S %	Cu %	Al %	N %	B %	V %	Ti %	Nb %	Cr %	Ni %	Mo %	As %	Sn %		
16	181797	00000	24420	063522	.0624	.0300	1.852	.0091	.0012	.0200	.0387	.0050	.0001	.0039	.1150	.0671	.0501	.0368	.0074	.0011	.0045		
	1		24420																				
TOTAL	1		24420																				

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B14 WEIGHT kg	B07.2 HEAT	TENSILE TEST					BEND TEST	SHOCK TEST						
					C02 PR °	C03 Temp °C	C11 yield p. Re MPa	C12 strength Rm MPa	C13 A70 %	C50 Fa	C44 S0 cm ²	C02 PR °	C03 Temp °C	C42 KV2_1 J	C42 KV2_2 J	C42 KV2_3 J	C43 KV2_m J
16	181797	00000	24420	063522	0	20	736	790	23	1	.8	0	-20	195	188	193	192
	1		24420														
TOTAL	1		24420														

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

BREMEN 16.06.2015



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