



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

A02  
CERTIFICATE  
A03 Page: 01 / 04  
**20190036934-00**  
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  
**0000865917**  
28.05.2019  
A08.1 MANUFACTURER'S ORDER NR **1944182**  
DATE 04.04.2019  
AGENCY'S ORDER NR. FH92ALU005009

A07 CUSTOMER'S ORDER NUMBER  
46873

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 sheet

QUALITY: **Amstrong Ultra 650MC**  
**S650MC**

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

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

JITZ 1.74

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 Finland

PRODUCT: hot rolled unpickled sheet      QUALITY: **Amstrong Ultra 650MC**      STANDARD: **AM FCE**  
 TERMS OF DELIVERY: **EN 10051 (2010)**      **S650MC**      **EN 10149-2 (00-09-2013)**

JITZ 1.74

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
9	10.00	1500.00	3000.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	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 %		
9	194784	00100	2075	6	062585	.0537	.0224	1.847	.0081	.0017	.0177	.0430	.0055	.0001	.0059	.1351	.0736	.0336	.0336	.0070	.0012	.0019		
	4642465																							
	194784	00200	2070	6	062585	.0537	.0224	1.847	.0081	.0017	.0177	.0430	.0055	.0001	.0059	.1351	.0736	.0336	.0336	.0070	.0012	.0019		
	4642466																							
	194784	00300	2070	6	062585	.0537	.0224	1.847	.0081	.0017	.0177	.0430	.0055	.0001	.0059	.1351	.0736	.0336	.0336	.0070	.0012	.0019		
	4642467																							
	194784	00400	2075	6	062585	.0537	.0224	1.847	.0081	.0017	.0177	.0430	.0055	.0001	.0059	.1351	.0736	.0336	.0336	.0070	.0012	.0019		
	4642468																							
	194784	00500	2075	6	062585	.0537	.0224	1.847	.0081	.0017	.0177	.0430	.0055	.0001	.0059	.1351	.0736	.0336	.0336	.0070	.0012	.0019		
	4642469																							
	194784	00600	2075	6	062585	.0537	.0224	1.847	.0081	.0017	.0177	.0430	.0055	.0001	.0059	.1351	.0736	.0336	.0336	.0070	.0012	.0019		
	4642470																							
	194784	00700	2080	6	062585	.0537	.0224	1.847	.0081	.0017	.0177	.0430	.0055	.0001	.0059	.1351	.0736	.0336	.0336	.0070	.0012	.0019		
	4642471																							
	194784	00800	2075	6	062585	.0537	.0224	1.847	.0081	.0017	.0177	.0430	.0055	.0001	.0059	.1351	.0736	.0336	.0336	.0070	.0012	.0019		
	4642472																							
	194784	00900	2075	6	062585	.0537	.0224	1.847	.0081	.0017	.0177	.0430	.0055	.0001	.0059	.1351	.0736	.0336	.0336	.0070	.0012	.0019		
	4642473																							
	194784	01000	2080	6	062585	.0537	.0224	1.847	.0081	.0017	.0177	.0430	.0055	.0001	.0059	.1351	.0736	.0336	.0336	.0070	.0012	.0019		
	4642474																							
	194784	01100	2080	6	062585	.0537	.0224	1.847	.0081	.0017	.0177	.0430	.0055	.0001	.0059	.1351	.0736	.0336	.0336	.0070	.0012	.0019		
	4642476																							
	194784	01200	2080	6	062585	.0537	.0224	1.847	.0081	.0017	.0177	.0430	.0055	.0001	.0059	.1351	.0736	.0336	.0336	.0070	.0012	.0019		
	4642478																							
	194784	01300	2085	6	062585	.0537	.0224	1.847	.0081	.0017	.0177	.0430	.0055	.0001	.0059	.1351	.0736	.0336	.0336	.0070	.0012	.0019		
	4642484																							

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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 A06.2 CONSIGNEE  
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PRODUCT: hot rolled unpickled sheet      QUALITY: **Amstrong Ultra 650MC**      STANDARD: **AM FCE**  
 TERMS OF DELIVERY: **EN 10051 (2010)**      S650MC      EN 10149-2 (00-09-2013)

JITZ 1.74

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
9	10.00	1500.00	3000.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	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		
9	<b>194784</b>	01400	690	2	<b>062585</b>	.0537	.0224	1.847	.0081	.0017	.0177	.0430	.0055	.0001	.0059	.1351	.0736	.0336	.0336	.0070	.0012	.0019		
		4642491			14																			
TOTAL		14			27685																			

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	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	yield	p. strength	A95mm	Fa	S0	PR	Temp	KV2_1	KV2_2	KV2_3	KV2_m
9	<b>194784</b>	00100	2075	6	<b>062585</b>	0	F	20	724	789	21.5	1	.8	0	-20	120	107	129	118
		4642465																	
	<b>194784</b>	00200	2070	6	<b>062585</b>	0	F	20	724	789	21.5	1	.8	0	-20	120	107	129	118
		4642466																	
	<b>194784</b>	00300	2070	6	<b>062585</b>	0	F	20	724	789	21.5	1	.8	0	-20	120	107	129	118
		4642467																	
	<b>194784</b>	00400	2075	6	<b>062585</b>	0	F	20	724	789	21.5	1	.8	0	-20	120	107	129	118
		4642468																	
	<b>194784</b>	00500	2075	6	<b>062585</b>	0	F	20	724	789	21.5	1	.8	0	-20	120	107	129	118
		4642469																	
	<b>194784</b>	00600	2075	6	<b>062585</b>	0	F	20	724	789	21.5	1	.8	0	-20	120	107	129	118
		4642470																	
	<b>194784</b>	00700	2080	6	<b>062585</b>	0	F	20	724	789	21.5	1	.8	0	-20	120	107	129	118
		4642471																	
	<b>194784</b>	00800	2075	6	<b>062585</b>	0	F	20	724	789	21.5	1	.8	0	-20	120	107	129	118
		4642472																	

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 1.74

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
9	10.00	1500.00	3000.00

A08.2 ITEM	B07.1 COIL NO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	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 Re MPa	strength Rm MPa	A95mm %	Fa	S0 cm <sup>2</sup>	PR °	Temp °C	KV2_1 J	KV2_2 J	KV2_3 J	KV2_m J
9	194784	00900	2075	6	062585	0	F	20	724	789	21.5	1	.8	0	-20	120	107	129	118
	4642473																		
	194784	01000	2080	6	062585	0	F	20	724	789	21.5	1	.8	0	-20	120	107	129	118
	4642474																		
	194784	01100	2080	6	062585	0	F	20	724	789	21.5	1	.8	0	-20	120	107	129	118
	4642476																		
	194784	01200	2080	6	062585	0	F	20	724	789	21.5	1	.8	0	-20	120	107	129	118
	4642478																		
	194784	01300	2085	6	062585	0	F	20	724	789	21.5	1	.8	0	-20	120	107	129	118
	4642484																		
	194784	01400	690	2	062585	0	F	20	724	789	21.5	1	.8	0	-20	120	107	129	118
	4642491																		
	14		27685																
TOTAL	14		27685																

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

BREMEN 28.05.2019



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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