



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

A02  
CERTIFICATE  
A03 Page: 01 / 05  
**20150052832-00**  
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 06.08.2015  
SHIP  
PRIMA BALLERINA  
A08.1 MANUFACTURER'S ORDER NR **1544280**  
DATE 13.04.2015  
AGENCY'S ORDER NR. FH5FLEP001006

A07 CUSTOMER'S ORDER NUMBER  
TL-824/15

A06.1 CUSTOMER  
**OY Leppinen Steel LTD**  
**Terästie 2**  
**61400 Ylistaro**  
**Finnland**  
A06.2 CONSIGNEE  
**OY Leppinen Steel LTD**  
**Terästie 2**  
**61400 Ylistaro**  
**Finnland**

PRODUCT: hot rolled unpickled sheet

QUALITY: **AMSTRONG355MC**  
**S355MC**

STANDARD: **AM FCE**  
**EN 10149-2 (00-09-1995)**

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

JITZ 1.71

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN

OY Leppinen Steel LTD

Terästie 2  
61400 Ylistaro  
Finnland



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 TERMS OF DELIVERY: **EN 10051 (2010)**    **S355MC**    **EN 10149-2 (00-09-1995)**

JITZ 1.71

A08.2 ITEM	B11 THICKNES mm	B12 WIDTH mm	B13 LENGTH mm
6	6.00	1500.00	3000.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B14 WEIGHT kg	B10 AMOUNT	B07.2 HEAT	CHEMICAL ANALYSIS																	
						C71 C	C73 Si	C72 Mn	C74 P	C75 S	Cu	C77 Al	C76 N	B	V	Ti	Nb	Cr	Ni	Mo	As	Sn	
6	616614	99901	2560	12	530202	.0650	.0068	.5307	.0093	.0025	.0065	.0426	.0029	.0001	.0012	.0001	.0234	.0077	.0232	.0014	00000	.0003	
	4280614																						
	616614	99902	2570	12	530202	.0650	.0068	.5307	.0093	.0025	.0065	.0426	.0029	.0001	.0012	.0001	.0234	.0077	.0232	.0014	00000	.0003	
	4280615																						
	616614	99903	2570	12	530202	.0650	.0068	.5307	.0093	.0025	.0065	.0426	.0029	.0001	.0012	.0001	.0234	.0077	.0232	.0014	00000	.0003	
	4280616																						
	616614	99904	2575	12	530202	.0650	.0068	.5307	.0093	.0025	.0065	.0426	.0029	.0001	.0012	.0001	.0234	.0077	.0232	.0014	00000	.0003	
	4280617																						
	616614	99905	2570	12	530202	.0650	.0068	.5307	.0093	.0025	.0065	.0426	.0029	.0001	.0012	.0001	.0234	.0077	.0232	.0014	00000	.0003	
	4280618																						
	616614	99906	2565	12	530202	.0650	.0068	.5307	.0093	.0025	.0065	.0426	.0029	.0001	.0012	.0001	.0234	.0077	.0232	.0014	00000	.0003	
	4280619																						
	616614	99907	2570	12	530202	.0650	.0068	.5307	.0093	.0025	.0065	.0426	.0029	.0001	.0012	.0001	.0234	.0077	.0232	.0014	00000	.0003	
	4280620																						
	616614	99908	2575	12	530202	.0650	.0068	.5307	.0093	.0025	.0065	.0426	.0029	.0001	.0012	.0001	.0234	.0077	.0232	.0014	00000	.0003	
	4280621																						
	616614	99909	2575	12	530202	.0650	.0068	.5307	.0093	.0025	.0065	.0426	.0029	.0001	.0012	.0001	.0234	.0077	.0232	.0014	00000	.0003	
	4280622																						
	616614	99910	2575	12	530202	.0650	.0068	.5307	.0093	.0025	.0065	.0426	.0029	.0001	.0012	.0001	.0234	.0077	.0232	.0014	00000	.0003	
	4280623																						
	616614	99911	1715	8	530202	.0650	.0068	.5307	.0093	.0025	.0065	.0426	.0029	.0001	.0012	.0001	.0234	.0077	.0232	.0014	00000	.0003	
	4280624																						
	964278	99901	2570	12	530201	.0650	.0083	.5457	.0079	.0028	.0087	.0352	.0041	00000	.0014	.0001	.0256	.0105	.0324	.0033	00000	.0003	
	4280601																						
	964278	99902	2570	12	530201	.0650	.0083	.5457	.0079	.0028	.0087	.0352	.0041	00000	.0014	.0001	.0256	.0105	.0324	.0033	00000	.0003	
	4280602																						

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  
**OY Leppinen Steel LTD**  
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PRODUCT: hot rolled unpickled sheet    QUALITY: **AMSTRONG355MC**    STANDARD: **AM FCE**  
 TERMS OF DELIVERY: **EN 10051 (2010)**    **S355MC**    **EN 10149-2 (00-09-1995)**

JITZ 1.71

A08.2 ITEM	B11 THICKNES mm	B12 WIDTH mm	B13 LENGTH mm
6	6.00	1500.00	3000.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B14 WEIGHT kg	B10 AMOUNT	B07.2 HEAT	CHEMICAL ANALYSIS																		
						C71 C	C73 Si	C72 Mn	C74 P	C75 S	Cu	C77 Al	C76 N	B	V	Ti	Nb	Cr	Ni	Mo	As	Sn		
6	964278	99903	2565	12	530201	.0650	.0083	.5457	.0079	.0028	.0087	.0352	.0041	0.0000	.0014	.0001	.0256	.0105	.0324	.0033	0.0000	.0003		
	4280603																							
	964278	99904	2575	12	530201	.0650	.0083	.5457	.0079	.0028	.0087	.0352	.0041	0.0000	.0014	.0001	.0256	.0105	.0324	.0033	0.0000	.0003		
	4280604																							
	964278	99905	2560	12	530201	.0650	.0083	.5457	.0079	.0028	.0087	.0352	.0041	0.0000	.0014	.0001	.0256	.0105	.0324	.0033	0.0000	.0003		
	4280605																							
	964278	99906	2565	12	530201	.0650	.0083	.5457	.0079	.0028	.0087	.0352	.0041	0.0000	.0014	.0001	.0256	.0105	.0324	.0033	0.0000	.0003		
	4280606																							
	964278	99907	2570	12	530201	.0650	.0083	.5457	.0079	.0028	.0087	.0352	.0041	0.0000	.0014	.0001	.0256	.0105	.0324	.0033	0.0000	.0003		
	4280607																							
	964278	99908	2565	12	530201	.0650	.0083	.5457	.0079	.0028	.0087	.0352	.0041	0.0000	.0014	.0001	.0256	.0105	.0324	.0033	0.0000	.0003		
	4280608																							
	964278	99909	2565	12	530201	.0650	.0083	.5457	.0079	.0028	.0087	.0352	.0041	0.0000	.0014	.0001	.0256	.0105	.0324	.0033	0.0000	.0003		
	4280609																							
	964278	99910	2565	12	530201	.0650	.0083	.5457	.0079	.0028	.0087	.0352	.0041	0.0000	.0014	.0001	.0256	.0105	.0324	.0033	0.0000	.0003		
	4280610																							
	964278	99911	1705	8	530201	.0650	.0083	.5457	.0079	.0028	.0087	.0352	.0041	0.0000	.0014	.0001	.0256	.0105	.0324	.0033	0.0000	.0003		
	4280613																							
	22		54795																					
TOTAL	22		54795																					

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B14 WEIGHT kg	B10 AMOUNT	B07.2 HEAT	TENSILE TEST						BENDTEST	SHOCK TEST			
						C02 PR	C03 Temp °C	C11 yield p. Re MPa	C12 strength Rm MPa	C13 A60 %	C50 Fa	C44 S0 cm²	C02 PR °	C03 Temp °C	C42 KV2_1 J	C42 KV2_2 J

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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 TERMS OF DELIVERY: **EN 10051 (2010)**      **S355MC**      **EN 10149-2 (00-09-1995)**

JITZ 1.71

A08.2 ITEM	B11 THICKNES mm	B12 WIDTH mm	B13 LENGTH mm
6	6.00	1500.00	3000.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B14 WEIGHT kg	B10 AMOUNT	B07.2 HEAT	TENSILE TEST					BENDTEST	SHOCK TEST						
						C02 PR	C03 Temp °C	C11 yield p. Re MPa	C12 strength Rm MPa	C13 A60 %	C50 Fa	C44 S0 cm²	C02 PR	C03 Temp °C	C42 KV2_1 J	C42 KV2_2 J	C42 KV2_3 J	C43 KV2_m J
6	616614	99901	2560	12	530202	0	20	360	444	34.6	1	.8	0	-20	178	182	190	184
	4280614																	
	616614	99902	2570	12	530202	0	20	360	444	34.6	1	.8	0	-20	178	182	190	184
	4280615																	
	616614	99903	2570	12	530202	0	20	360	444	34.6	1	.8	0	-20	178	182	190	184
	4280616																	
	616614	99904	2575	12	530202	0	20	360	444	34.6	1	.8	0	-20	178	182	190	184
	4280617																	
	616614	99905	2570	12	530202	0	20	360	444	34.6	1	.8	0	-20	178	182	190	184
	4280618																	
	616614	99906	2565	12	530202	0	20	360	444	34.6	1	.8	0	-20	178	182	190	184
	4280619																	
	616614	99907	2570	12	530202	0	20	360	444	34.6	1	.8	0	-20	178	182	190	184
	4280620																	
	616614	99908	2575	12	530202	0	20	360	444	34.6	1	.8	0	-20	178	182	190	184
	4280621																	
	616614	99909	2575	12	530202	0	20	360	444	34.6	1	.8	0	-20	178	182	190	184
	4280622																	
	616614	99910	2575	12	530202	0	20	360	444	34.6	1	.8	0	-20	178	182	190	184
	4280623																	
	616614	99911	1715	8	530202	0	20	360	444	34.6	1	.8	0	-20	178	182	190	184
	4280624																	
	964278	99901	2570	12	530201	0	20	389	469	32.5	1	.8	0	-20	206	208	226	214
	4280601																	
	964278	99902	2570	12	530201	0	20	389	469	32.5	1	.8	0	-20	206	208	226	214
	4280602																	

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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 TERMS OF DELIVERY: **EN 10051 (2010)**    **S355MC**    **EN 10149-2 (00-09-1995)**

JITZ 1.71

A08.2 ITEM	B11 THICKNESS mm	B12 WIDTH mm	B13 LENGTH mm
6	6.00	1500.00	3000.00

A08.2 ITEM	B07.1 COIL NO	B07.1 PART	B14 WEIGHT kg	B10 AMOUNT	B07.2 HEAT	TENSILE TEST						BEND TEST	SHOCK TEST					
						C02 PR	C03 Temp °C	C11 yield p. Re MPa	C12 strength Rm MPa	C13 A60 %	C50 Fa	C44 S0 cm²	C02 PR	C03 Temp °C	C42 KV2_1 J	C42 KV2_2 J	C42 KV2_3 J	C43 KV2_m J
6	964278	99903	2565	12	530201	0	20	389	469	32.5	1	.8	0	-20	206	208	226	214
	4280603																	
	964278	99904	2575	12	530201	0	20	389	469	32.5	1	.8	0	-20	206	208	226	214
	4280604																	
	964278	99905	2560	12	530201	0	20	389	469	32.5	1	.8	0	-20	206	208	226	214
	4280605																	
	964278	99906	2565	12	530201	0	20	389	469	32.5	1	.8	0	-20	206	208	226	214
	4280606																	
	964278	99907	2570	12	530201	0	20	389	469	32.5	1	.8	0	-20	206	208	226	214
	4280607																	
	964278	99908	2565	12	530201	0	20	389	469	32.5	1	.8	0	-20	206	208	226	214
	4280608																	
	964278	99909	2565	12	530201	0	20	389	469	32.5	1	.8	0	-20	206	208	226	214
	4280609																	
	964278	99910	2565	12	530201	0	20	389	469	32.5	1	.8	0	-20	206	208	226	214
	4280610																	
	964278	99911	1705	8	530201	0	20	389	469	32.5	1	.8	0	-20	206	208	226	214
	4280613																	
	22		54795															
TOTAL	22		54795															

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

BREMEN 07.08.2015



QUALITY DEPARTMENT  
 SITE EXPERT FOR INSPECTION  
 Hesener

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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