

C E R T I F I C A T E

Päiväys: 19.8.2016

Meidän tilausnumero: 0354721
Asiakkaan tilausnumero: M.Wessman 001203

TAMMINIITTY OY
ATT: AINE
RAKENTAJANTIE 1
FI-27510 EURA

Rivi	Tuote	Kuvaus	Viite	Sulatusnumero
1	2101430502	S355MC 15X1500X3000 MM		028355

Pyydetyt todistukset yllä oleville tilauksille lähetetään teille.

BE Group Oy Ab
PL 54 Helsingintie 50
FI-15101 LAHTI

Puhelinnumero: +358 3 825200
Faksinumero: +358 3 8252503

certificates@begroup.fi



ArcelorMittal Bremen GmbH
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 28222 BREMEN
 Carl-Benz-Strasse 30
 28237 BREMEN
 Telefon 0421/6480
 Telefax 0421/648251

A02
 CERTIFICATE

Inspection certificate 3.1 EN 10204

A05 ORIGINATOR OF THE DOCUMENT
 ArcelorMittal Bremen GmbH
 Abnahme/Zeugnisschreibung
 zeugnisse.bremen@arcelormittal.com
 Telefon 0421/6482813

A03 Page: 01 / 03
20160058277-00

A09 DISPATCH NOTE
 DATE

0000432092
 15.08.2016

A08.1 MANUFACTURER'S ORDER NR **1668999**
 DATE 02.05.2016
 AGENCY'S ORDER NR. FH6HBEY003002

A07 CUSTOMER'S ORDER NUMBER
 P042816/P042816/002

A10 PART NUMBER
 2101430502 4789 3.1

A06.1 CUSTOMER
BE GROUP OY AB
HELSINGINITIE 50
15101 LAHTI
Finnland

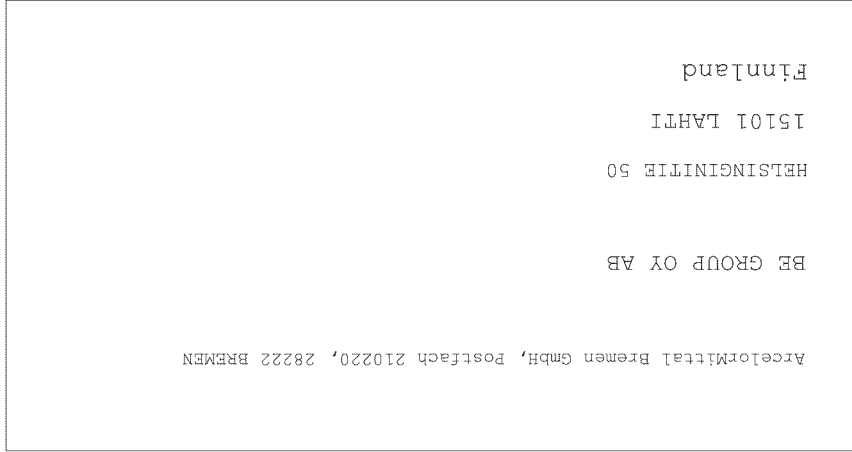
A06.2 CONSIGNEE
BE Group OY AB, KELAVARASTO
VANHANRADANKATU 42
15522 LAHTI
Finnland

PRODUCT: hot rolled unpickled sheet
 TERMS OF DELIVERY: **EN 10051 (2010)**

QUALITY: **AMSTRONG 355MC**
S355MC

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

JITZ 1.73





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A06.1 CUSTOMER
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ITEM	B09 THICKNESS mm	B10 WIDTH mm	B11 LENGTH mm
2	15.00	1500.00	3000.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B08 HEAT	B13 WEIGHT kg	B10 WEIGHT	B11 LENGTH	CHEMICAL ANALYSIS													
							C71 %	C73 %	C72 %	C74 %	C75 %	C76 %	C77 %	Al %	N %	B %	V %	Ti %	Nb %	Cr %
2	359664	00100	5	028355	0118	9583	0134	0040	0148	0397	0045	0001	0036	0017	0505	0618	0377	0070	0010	0013
	4379609																			
	359664	00200	5	028355	0118	9583	0134	0040	0148	0397	0045	0001	0036	0017	0505	0618	0377	0070	0010	0013
	4379610																			
	359664	00300	5	028355	0118	9583	0134	0040	0148	0397	0045	0001	0036	0017	0505	0618	0377	0070	0010	0013
	4379611																			
	359664	00400	5	028355	0118	9583	0134	0040	0148	0397	0045	0001	0036	0017	0505	0618	0377	0070	0010	0013
	4379612																			
	359664	00500	5	028355	0118	9583	0134	0040	0148	0397	0045	0001	0036	0017	0505	0618	0377	0070	0010	0013
	4379614																			
	359664	00600	5	028355	0118	9583	0134	0040	0148	0397	0045	0001	0036	0017	0505	0618	0377	0070	0010	0013
	4379615																			
	359664	00700	5	028355	0118	9583	0134	0040	0148	0397	0045	0001	0036	0017	0505	0618	0377	0070	0010	0013
	4379616																			
	359664	00800	5	028355	0118	9583	0134	0040	0148	0397	0045	0001	0036	0017	0505	0618	0377	0070	0010	0013
	4379617																			
	359664	00900	5	028355	0118	9583	0134	0040	0148	0397	0045	0001	0036	0017	0505	0618	0377	0070	0010	0013
	4379618																			
TOTAL	9			24105																
TOTAL	9			24105																

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B08 HEAT	B13 WEIGHT kg	B10 WEIGHT	B11 LENGTH	TENSILE TEST					BENDTEST SHOCK TEST										
							C02 PR Temp °C	C03 yield strength Re MPa	C11 p. strength Rm MPa	C12 yield strength Re MPa	C13 A120mm %	C50 Fa	C44 S0 cm²	C42 PR Temp °C	C03 KV2 1 J	C42 KV2 2 J	C42 KV2 3 J	C43 KV2 m J				
2	359664	00100	5	028355	0118	9583	0134	0040	0148	0397	0045	0001	0036	0017	0505	0618	0377	0070	0010	0013		
	4379609																					
	359664	00200	5	028355	0118	9583	0134	0040	0148	0397	0045	0001	0036	0017	0505	0618	0377	0070	0010	0013		
	4379610																					
	359664	00300	5	028355	0118	9583	0134	0040	0148	0397	0045	0001	0036	0017	0505	0618	0377	0070	0010	0013		
	4379611																					
	359664	00400	5	028355	0118	9583	0134	0040	0148	0397	0045	0001	0036	0017	0505	0618	0377	0070	0010	0013		
	4379612																					
	359664	00500	5	028355	0118	9583	0134	0040	0148	0397	0045	0001	0036	0017	0505	0618	0377	0070	0010	0013		
	4379614																					
	359664	00700	5	028355	0118	9583	0134	0040	0148	0397	0045	0001	0036	0017	0505	0618	0377	0070	0010	0013		
	4379616																					
	359664	00800	5	028355	0118	9583	0134	0040	0148	0397	0045	0001	0036	0017	0505	0618	0377	0070	0010	0013		
	4379617																					
	359664	00900	5	028355	0118	9583	0134	0040	0148	0397	0045	0001	0036	0017	0505	0618	0377	0070	0010	0013		
	4379618																					
C02 test direction relating to rolling direction (0° = L; 90° = T)							C04 specimen condition							C50 bend test								
							Viaaged F: fresh N: normalised								1: good							
							C43 result in J								related to specimensize (C44)							



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A08.2 ITEM	B09 THICKNESS mm	B10 WIDTH mm	B11 LENGTH mm
2	15.00	1500.00	3000.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B08 WEIGHT kg	B08 AMOUNT	B07.2 HEAT	TENSILE TEST			BEND/TEST/SHOCK TEST									
						C02 PR °C	C03 Temp °C	C11 yield strength MPa	C12 Rm MPa	C13 A120mm %	C44 S0 cm ²	C50 Fa	C42 KV2 1 J	C42 KV2 2 J	C42 KV2 3 J	C43 KV2 in J		
2	359664	00100	2675	5	028355	0	20	404	508	29	1	.8	0	-20	167	202	157	175
	4379609		2675	5	028355	0	20	404	508	29	1	.8	0	-20	167	202	157	175
	4379610		2680	5	028355	0	20	404	508	29	1	.8	0	-20	167	202	157	175
	359664	00300	2675	5	028355	0	20	404	508	29	1	.8	0	-20	167	202	157	175
	4379611		2680	5	028355	0	20	404	508	29	1	.8	0	-20	167	202	157	175
	4379612		2680	5	028355	0	20	404	508	29	1	.8	0	-20	167	202	157	175
	359664	00500	2680	5	028355	0	20	404	508	29	1	.8	0	-20	167	202	157	175
	4379614		2680	5	028355	0	20	404	508	29	1	.8	0	-20	167	202	157	175
	359664	00600	2680	5	028355	0	20	404	508	29	1	.8	0	-20	167	202	157	175
	4379615		2680	5	028355	0	20	404	508	29	1	.8	0	-20	167	202	157	175
	359664	00700	2680	5	028355	0	20	404	508	29	1	.8	0	-20	167	202	157	175
	4379616		2680	5	028355	0	20	404	508	29	1	.8	0	-20	167	202	157	175
	359664	00800	2680	5	028355	0	20	404	508	29	1	.8	0	-20	167	202	157	175
	4379617		2680	5	028355	0	20	404	508	29	1	.8	0	-20	167	202	157	175
	359664	00900	2680	5	028355	0	20	404	508	29	1	.8	0	-20	167	202	157	175
	4379618		2680	5	028355	0	20	404	508	29	1	.8	0	-20	167	202	157	175
TOTAL	9		24105															
	9		24105															

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

BREMEN 15.08.2016

Hesener



QUALITY DEPARTMENT
 SITE EXPERT FOR INSPECTION

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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