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A02
 CERTIFICATE

Inspection certificate 3.1 EN 10204

A05 ORIGINATOR OF THE DOCUMENT
 ArcelorMittal Bremen GmbH
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A03 Page: 01 / 03
20210049478-00

A09 DISPATCH NOTE
 DATE

A08.1 MANUFACTURER'S ORDER NR **2187186**
 DATE 08.03.2021
 AGENCY'S ORDER NR. GH13BYH002002

A07 CUSTOMER'S ORDER NUMBER
 P089126/P089126-2

A10 PART NUMBER
 2101504560

0000108804
 20.07.2021

A06.1 CUSTOMER
BE GROUP OY AB
 Laiturikatu 2
 15140 Lahti
 Finland

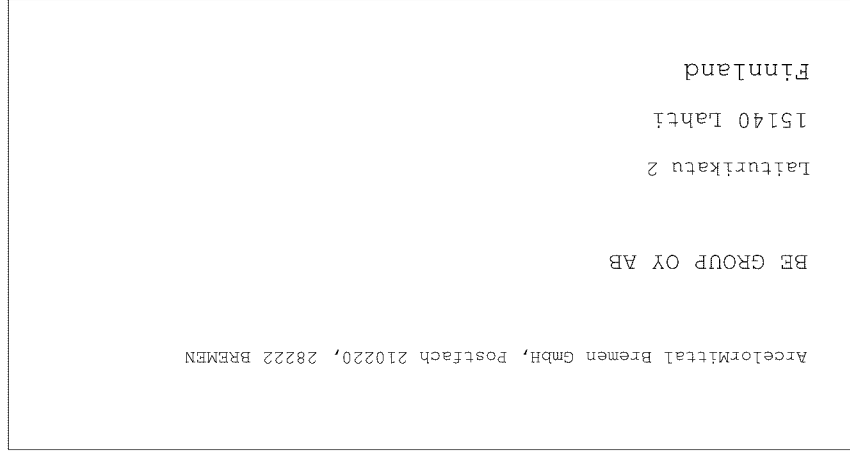
A06.2 CONSIGNEE
BE Group OY AB, KELAVARASTO
VANHANRADANKATU 42
15522 LAHTI
 Finland

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

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

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

JITZ 1.79



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EN 10149-2 (00-09-2013)

A08.2 ITEM	B09 THICKNESS mm	B10 WIDTH mm	B11 LENGTH mm	B13 WEIGHT kg	B08 HEAT	B07.2 HEAT
2	12.00	1500.00	3000.00	2986	7	034690
				3036958		034690
				2982	7	034690
				3036959		034690
				2976	7	034690
				3036960		034690
				2984	7	034690
				3036961		034690
				2986	7	034690
				3036962		034690
				2990	7	034690
				3036963		034690
TOTAL	6			17904		
	6			17904		

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B08 HEAT	B07.2 HEAT	CHEMICAL ANALYSIS																
						C %	Si %	Mn %	P %	S %	Cu %	Al %	N %	B %	V %	Ti %	Nb %	Cr %	Ni %	Mo %	As %	Sn %
2	672884	00100	2986	7	034690	0.608	0.2155	1.933	0.0096	0.016	0.201	0.369	0.0050	0.002	0.0074	1.350	0.690	0.2621	0.435	0.092	0.019	0.0034
			3036958		034690	0.608	0.2155	1.933	0.0096	0.016	0.201	0.369	0.0050	0.002	0.0074	1.350	0.690	0.2621	0.435	0.092	0.019	0.0034
			2982	7	034690	0.608	0.2155	1.933	0.0096	0.016	0.201	0.369	0.0050	0.002	0.0074	1.350	0.690	0.2621	0.435	0.092	0.019	0.0034
			3036959		034690	0.608	0.2155	1.933	0.0096	0.016	0.201	0.369	0.0050	0.002	0.0074	1.350	0.690	0.2621	0.435	0.092	0.019	0.0034
			2976	7	034690	0.608	0.2155	1.933	0.0096	0.016	0.201	0.369	0.0050	0.002	0.0074	1.350	0.690	0.2621	0.435	0.092	0.019	0.0034
			3036960		034690	0.608	0.2155	1.933	0.0096	0.016	0.201	0.369	0.0050	0.002	0.0074	1.350	0.690	0.2621	0.435	0.092	0.019	0.0034
			2984	7	034690	0.608	0.2155	1.933	0.0096	0.016	0.201	0.369	0.0050	0.002	0.0074	1.350	0.690	0.2621	0.435	0.092	0.019	0.0034
			3036961		034690	0.608	0.2155	1.933	0.0096	0.016	0.201	0.369	0.0050	0.002	0.0074	1.350	0.690	0.2621	0.435	0.092	0.019	0.0034
			2986	7	034690	0.608	0.2155	1.933	0.0096	0.016	0.201	0.369	0.0050	0.002	0.0074	1.350	0.690	0.2621	0.435	0.092	0.019	0.0034
			3036962		034690	0.608	0.2155	1.933	0.0096	0.016	0.201	0.369	0.0050	0.002	0.0074	1.350	0.690	0.2621	0.435	0.092	0.019	0.0034
			2990	7	034690	0.608	0.2155	1.933	0.0096	0.016	0.201	0.369	0.0050	0.002	0.0074	1.350	0.690	0.2621	0.435	0.092	0.019	0.0034
			3036963		034690	0.608	0.2155	1.933	0.0096	0.016	0.201	0.369	0.0050	0.002	0.0074	1.350	0.690	0.2621	0.435	0.092	0.019	0.0034
TOTAL	6		17904																			
	6		17904																			

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B08 HEAT	B07.2 HEAT	TENSILE TEST										BENDTEST/SHOCK TEST				
						PR °	MAZ °	Temp °C	C03 °C	C04 °C	C02 °C	C11 yield p. strength MPa	C13 A105mm %	C50 Fa cm²	S0 °	Temp °C	PR °	C03 °C	C42 KV2VP J	C44 KV2VP J
2	672884	00100	2986	7	034690	0	F	20	691	19	1	.8	0	-20	89	89	89	89	89	89
			3036958		034690	90	F	20	757	17	1	.8	0	-20	89	89	89	89	89	89
			2982	7	034690	0	F	20	691	19	1	.8	0	-20	89	89	89	89	89	89
			3036959		034690	90	F	20	757	17	1	.8	0	-20	89	89	89	89	89	89

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

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B08 AMOUNT	B13 WEIGHT	B11 LENGTH
mm	mm	mm	mm	mm	mm
2	12.00	1500.00	3000.00		

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B08 AMOUNT	B13 WEIGHT	TENSILE TEST				BEND/TEST SHOCK TEST								
					C02 PR	C04 MAZ	C03 Temp	C11 yield p. strength	C12 Rm	C13 A105mm	C50 Fa	C44 S0	C02 PR	C03 Temp	C42 KV2VP	C43 KV2VP	
kg	°C	°C	MPa	MPa	%	cm ²	°C	cm ²	°C	J	J	J	J				
2	672884	00300	7	2976	0	F 20	20	691	798	19	1	.8	0	-20	89	89	89
		3036960			90	F 20	20	757	834	17							
	672884	00400	7	2984	0	F 20	20	691	798	19	1	.8	0	-20	89	89	89
		3036961			90	F 20	20	757	834	17							
	672884	00500	7	2986	0	F 20	20	691	798	19	1	.8	0	-20	89	89	89
		3036962			90	F 20	20	757	834	17							
	672884	00600	7	2990	0	F 20	20	691	798	19	1	.8	0	-20	89	89	89
		3036963			90	F 20	20	757	834	17							
TOTAL		6		17904													
		6		17904													

We certify hereby that the delivery complies with the above mentioned specification.
 BREMEN 20.07.2021
 QUALITY DEPARTMENT
 SITE EXPERT FOR INSPECTION
 Witt

C02 test direction	C04 specimen condition	C50 bend test	C43 result in J
relating to rolling direction (0° = L; 90° = T)	Vraged F: fresh N: normalised	l: good	related to specimensize (C44)