



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

A02  
CERTIFICATE  
A03 Page: 01 / 03  
**20200013438-00**  
Test report 2.2 chem.+mech. EN 10204  
A05 ORIGINATOR OF THE DOCUMENT  
ArcelorMittal Bremen GmbH  
Carl-Benz-Straße 30, 28237 Bremen  
zeugnisse.bremen@arcelormittal.com  
Telefon 0421/6482813

A09 DISPATCH NOTE  
DATE  
000952770  
26.02.2020  
A08.1 MANUFACTURER'S ORDER NR  
DATE  
AGENCY'S ORDER NR. GC01HTM003008  
1958615  
09.12.2019  
A07 CUSTOMER'S ORDER NUMBER  
13490/13490/008  
A10 PART NUMBER  
DC01

A06.1 CUSTOMER  
HTM YHTIOT OY  
TIILITEHTAANTIE 23  
12310 RYTTYLAE  
Finland  
A06.2 CONSIGNEE  
HTM YHTIOT OY  
TIILITEHTAANTIE 23  
12310 RYTTYLAE  
Finland

PRODUCT: cold rolled coil

QUALITY: DC01

STANDARD: EN 10130:2006 (00-12-2006)

TERMS OF DELIVERY: EN 10131 (2006) norm.tol.

JITZ 1.78

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A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm
8	2.00	1500.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B07.2 HEAT	CHEMICAL ANALYSIS													
					C71	C73	C72	C74	C75	C81	C77	C76	C84	C78	C82	C79	C80	
					C %	Si %	Mn %	P %	S %	Cu %	Al %	N %	V %	Ti %	Nb %	Cr %	Ni %	
8	146294	10200	11580	021614	.0338	.0230	.1893	.0066	.0105	.0189	.0383	.0044	.0007	.0011	.0001	.0233	.0323	
	146295	10100	11650	021614	.0338	.0230	.1893	.0066	.0105	.0189	.0383	.0044	.0007	.0011	.0001	.0233	.0323	
	146295	10200	11600	021614	.0338	.0230	.1893	.0066	.0105	.0189	.0383	.0044	.0007	.0011	.0001	.0233	.0323	
	146296	10200	11650	021613	.0372	.0165	.1913	.0100	.0099	.0202	.0363	.0031	.0008	.0013	.0003	.0266	.0305	
	146296	10300	11620	021613	.0372	.0165	.1913	.0100	.0099	.0202	.0363	.0031	.0008	.0013	.0003	.0266	.0305	
		5	58100															
TOTAL		5	58100															

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B07.2 HEAT	TENSILE TEST						
					C02	C04	C03	C11	C12	C13	
					PR °	MAZ	Temp °C	yield p. Re MPa	strength Rm MPa	A80mm %	
8	146294	10200	11580	021614	90	F	20	201	322	38.9	
	146295	10100	11650	021614	90	F	20	201	322	38.9	
	146295	10200	11600	021614	90	F	20	201	322	38.9	
	146296	10200	11650	021613	90	F	20	201	322	38.9	
	146296	10300	11620	021613	90	F	20	201	322	38.9	
		5	58100								
TOTAL		5	58100								

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

C02 test direction relating to rolling direction (0°= L; 90°= T)	C04 specimen condition V:aged F:fresh N:normalised
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8	2.00	1500.00



BREMEN 26.02.2020

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