



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

A02 CERTIFICATE  
 Page: 01 / 03  
**20230022008-00**

Inspection certificate 3.1 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 SHIP  
 21.03.2023  
 WILSON LOVIISA

A08.1 MANUFACTURER'S ORDER NR  
 DATE  
 AGENCY'S ORDER NR.

A07 CUSTOMER'S ORDER NUMBER  
 45082

A10 PART NUMBER  
 2462400

A06.1 CUSTOMER  
**FEON OY**  
 Teollisuuskatu 33  
 00510 Helsinki  
 Finland

A06.2 CONSIGNEE  
**Feon OY**  
 Hepokarintie 9  
 23500 UUSIKAUPUNKI  
 Finland

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

QUALITY: AMSTRONG®355MC  
 S355MC  
 STANDARD: AM FCE  
 EN 10149-2 (00-09-2013)

JITZ 1.81

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN  
 FEON OY  
 Teollisuuskatu 33  
 00510 Helsinki  
 Finland



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A03  
**0000315324**  
21.03.2023  
WILSON LOVIISA

A09 DISPATCH NOTE  
DATE  
SHIP

A08.1 MANUFACTURER'S ORDER NR **2229558**  
DATE 11.11.2022  
AGENCY'S ORDER NR. GH31FEH001023

A07 CUSTOMER'S ORDER NUMBER  
45082

A10 PART NUMBER  
2462400

A06.1 CUSTOMER  
**FEON OY**  
Teollisuuskatu 33  
00510 Helsinki  
Finland

A06.2 CONSIGNEE  
**Feon OY**  
Hepokarintie 9  
23500 UUSIKAUPUNKI  
Finland

PRODUCT: hot rolled unpickled coil      QUALITY: AMSTRONG®355MC      STANDARD: AM FCE  
TERMS OF DELIVERY: EN 10051 (2010)      S355MC      EN 10149-2 (00-09-2013)

A08.2 ITEM	B09 THICKNESS mm	B10 WIDTH mm	B11 WEIGHT kg
23	15.00	1500.00	

A08.2 ITEM	B07.1 COIL NO	B13 WEIGHT kg	B07.2 HEAT	CHEMICAL ANALYSIS																					
				C %	Si %	Mn %	P %	S %	Cu %	Al %	N %	B %	V %	Ti %	Nb %	Cr %	Ni %	Mo %	As %	Sn %					
	<b>656141</b>	00000	33400	056458	.0727	.0109	.7371	.0103	.0031	.0356	.0047	.0000	.0011	.0005	.0428	.0318	.0292	.0030	.0014	.0031	0000	0000			
	<b>056458</b>			056458	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000			
	<b>656142</b>	00000	31840	056459	.0755	.0107	.7434	.0112	.0050	.0313	.0370	.0054	.0012	.0005	.0422	.0342	.0295	.0035	.0012	.0031	0000	0000			
	<b>056459</b>			056459	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000			
	<b>656143</b>	00000	30360	056458	.0727	.0109	.7371	.0103	.0031	.0356	.0047	.0000	.0011	.0005	.0428	.0318	.0292	.0030	.0014	.0031	0000	0000			
	<b>056458</b>			056458	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000			
	<b>656144</b>	00000	30320	056458	.0727	.0109	.7371	.0103	.0031	.0356	.0047	.0000	.0011	.0005	.0428	.0318	.0292	.0030	.0014	.0031	0000	0000			
	<b>056458</b>			056458	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000			
	<b>656145</b>	00000	33400	056458	.0727	.0109	.7371	.0103	.0031	.0356	.0047	.0000	.0011	.0005	.0428	.0318	.0292	.0030	.0014	.0031	0000	0000			
	<b>056458</b>			056458	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000			
	<b>656146</b>	00000	33560	056450	.0725	.0192	.6954	.0137	.0042	.0265	.0387	.0045	.0000	.0031	.0026	.0424	.0272	.0289	.0028	.0012	.0025	0000			
	<b>056450</b>			056450	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000			
		6	192880																						
TOTAL		6	192880																						

A08.2 ITEM	B07.1 COIL NO	B13 WEIGHT kg	B07.2 HEAT	TENSILE TEST										BEND/TEST/SOCK TEST									
				PR °	MAZ °	Temp °C	Temp °C	yield p. Re Mpa	yield p. Re Mpa	Rm Mpa	A120mm %	C13 %	C50 Fa cm²	C44 S0 °	PR °	Temp °C	Temp °C	Temp °C	C42 J	C42 J	C42 J	C43 KV2VP m J	C43 KV2VP m J
	<b>656141</b>	00000	33400	056458	0	F	20	378	477	30.5	1	.8	0	-20	167	83	96	115					
	<b>056458</b>			056458	90	F	20	407	503	27.5													
	<b>656142</b>	00000	31840	056459	0	F	20	393	475	33	1	.8	0	-20	171	190	172	177					
	<b>056459</b>			056459	90	F	20	404	482	28													

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)

JITZ 1.81



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A02  
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Page: 03 / 03  
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AGENCY'S ORDER NR.

A07 CUSTOMER'S ORDER NUMBER  
A10 PART NUMBER

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00510 Helsinki  
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Hepokarintie 9  
23500 UUSIKAUPUNKI  
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PRODUCT: hot rolled unpickled coil  
TERMS OF DELIVERY: EN 10051 (2010)

QUALITY: AMSTRONG®355MC  
S355MC

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

JITZ 1.81

A08.2	B09	B10
ITEM THICKNESS	WIDTH	
mm	mm	
23	15.00	1500.00

A08.2	B07.1	B07.1	B13	B07.2	TENSILE TEST				BEND TEST				SHOCK TEST													
					ITEM	COIL NO	PART	WEIGHT	HEAT	PR	MAZ	Temp	Yield p.	Re	Rm	A120mm	°C	PR	Temp	KV2VP	1	KV2VP	2	KV2VP	3	KV2VP
°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C
0	F	20	0	F	20	393	471	31	1	.8	0	-20	154	115	172	147										
90	F	20	0	F	20	396	478	27.5	1	.8	0	-20	201	177	138	172										
0	F	20	0	F	20	390	470	30	1	.8	0	-20	201	177	138	172										
90	F	20	0	F	20	426	480	27	1	.8	0	-20	227	232	240	233										
0	F	20	0	F	20	378	461	35.5	1	.8	0	-20	227	232	240	233										
90	F	20	0	F	20	392	469	33.5	1	.8	0	-20	286	283	208	259										
0	F	20	0	F	20	355	441	33.5	1	.8	0	-20	286	283	208	259										
90	F	20	0	F	20	385	451	31	1	.8	0	-20	286	283	208	259										

6	192880
TOTAL	6   192880



QUALITY DEPARTMENT  
SITE EXPERT FOR INSPECTION  
BREMEN 22.03.2023  
Kochanowski

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	C50 bend test 1:good	C43 result in J related to specimensize (C44)
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