

46848 / 283719 RUN 1



ArcelorMittal

ArcelorMittal Belgium NV
ArcelorMittal Gent

John Kennedy/laan, 51
 9042 Gent (België)

Tel.: +32 9.347.31.11
 Fax: +32 9.347.49.07

A01 A02
 CERTIFICATE
 TEST REPORT ACCORDING EN10204-2.2 OR EQUIVALENT.

A03
 230444373 P. 01/02

A09 DISPATCH NOTE
 4387368

A08 ORDER NUMBER
 34926

A07 YOUR ORDER NO
 45398

DATE
 14-12-2022

CONTRACT NO
 GC31FE0002

YOUR REFERENCES
 OUR REFERENCES

OBC-AU/DHAH

A06.1 CUSTOMER

FEON OY
 TEOLLISUUSKATU 33
 FIN-00510 HELSINKI
 FINLAND

1038076

A06.2 DESTINATION

FEON OY
 JOKITIE 4
 FIN-37800 TOIJALA
 FINLAND

0056285

A05 AUTHOR OF THE DOCUMENT
 AM GENT/ QUALITY DEPARTMENT

B01-B04 SEE BELOW

B09 ITEM	B10 WIDTH	B11 THICKNESS	REF.	CUSTOMER
02	1.250	3.00		2450340
04	1.250	1,50		2450210
06	1.500	2,00		2450260
08	1.500	2,50		2450300
12	1.250	2,50		2450290

B09 ITEM	PACK NR	B13 GROSS WEIGHT	B07 COIL NO	B08 CAST N.	C71	C72	C73	C74	C75	C76	C77	C78	C79	C80	C81	C82	C83	C84	C85	CO4	CO2	C11	C12	C13	
02	867548561	11530	60025641	19656	C	Mn	S1	P	S	N	A1-t	T1	Cr	N1	Cu	Nb	B	V	Mo			YIELD	Rm	A	
	867548574	10160	60025658	19656	10 ^{-3%}	10 ^{-2%}	10 ^{-3%}	10 ^{-3%}	10 ^{-3%}	10 ^{-4%}	10 ^{-3%}	10 ^{-3%}	10 ^{-3%}	10 ^{-3%}	10 ^{-3%}	10 ^{-3%}	10 ^{-4%}	10 ^{-3%}	10 ^{-3%}			MPa	MPa	%	
		21690			35	19	10	14	13	36	34	1	20	9	9	0	0	1	0	2	F	D	188	310	42
04	867541990	11030	59930091	1575244																					
	867541997	10870	59930107	1575244																					
		21900			48	24	8	12	10	19	38	0	18	6	7	0	0	0	1	F	D	159	302	44	
06	867548366	9530	60025474	20162	46	20	5	8	11	28	34	1	26	17	29	0	0	0	3	F	D	167	304	42	
	867548373	9540	60025481	20162	46	20	5	8	11	28	34	1	26	17	29	0	0	0	3	F	D	167	304	42	
	867548468	8910	60025498	20162	46	20	5	8	11	28	34	1	26	17	29	0	0	0	3	F	D	167	304	42	
	867552021	9170	60034025	20122	38	24	8	13	12	43	36	1	24	15	15	0	0	0	3	F	D	183	314	41	
	867552029	9190	60034032	20122	38	24	8	13	12	43	36	1	24	15	15	0	0	0	3	F	D	183	314	41	
	867552034	8480	60034049	20122	38	24	8	13	12	43	36	1	24	15	15	0	0	0	3	F	D	183	314	41	
	867552426	9260	60066798	20333	36	19	11	16	9	35	31	1	35	14	31	0	0	0	3	F	D	190	317	41	
	867552430	9240	60066804	20333	36	19	11	16	9	35	31	1	35	14	31	0	0	0	3	F	D	190	317	41	
			73320																						
	08	867548502	9020	60025566	20122	38	24	8	13	12	43	36	1	24	15	15	0	0	0	3	F	D	189	321	39
		867548511	9030	60025573	20122	38	24	8	13	12	43	36	1	24	15	15	0	0	0	3	F	D	189	321	39
		867548522	8330	60025580	20122	38	24	8	13	12	43	36	1	24	15	15	0	0	0	3	F	D	189	321	39
		26380																							
12	867542405	10690	59828822	3998858	49	21	14	13	7	20	38	0	18	6	8	0	0	0	2	F	D	150	287	46	

CO4 CONDITION OF THE SPECIMEN
 V:AGED F:NON-AGED N:NORMALISED
 CO2 DIRECTION SPECIMEN
 L:OGR S:45GR D:90GR



Mill Test Certificate

46848 / 283719 RUN 2

Certificate No. : 220318-FC01KS-0046A2-0001
Date of Issue : Apr. 08 2022

Order No. : 01S5393128

PO No. : D4B0242

Supplier : SUNGJIN CO., LTD.

Commodity : COLD ROLLED COIL

Customer : STEMCOR EUROPE

Spec & Type : EN10130 DC01

Size	Product No	Quantity	Weight (kg)	Heat No.	Position	Tensile Test		Divison	Chemical Composition				
						Y _P (MPa)	IS EL (%)		C (%)	Si (%)	Mn (%)	P (%)	S (%)
2.99x1500xC	CPB8001A	1	9.460	SUB-1570	B	197	306	L	0.0373	0.307	0.211	0.0085	0.0029
2.99x1500xC	CPB8001B	1	9.380	SUB-1570	R	197	306	L	0.0373	0.307	0.211	0.0085	0.0029
2.99x1500xC	CPB8001C	1	9.390	SUB-1570	B	197	306	L	0.0373	0.307	0.211	0.0085	0.0029
... Sub Total (039) ...		3	28,210 (kg)										
... Lot Total ...		3	28,210 (kg)										
... Grade Total ...		3	28,210 (kg)										
... Grand Total ...		3	28,210 (kg)										

* Position : T : Top, M : Middle, B : Bottom
 * Tensile Test Direction : Transversal, Gauge Length : 80 mm (Rectangular)
 * VP Method : Low Point
 * Division : L : Ladle Analysis

Test Certificate is issued according to EN10204 3.1

We hereby certify that the material herein has been made in accordance with the order and is fully in compliance.

Legal sanction can be imposed for forging, improper use of product can cause safety issues.

Surveyor To :

Park, Junyoung

POSCO

Gwangyang Works, 20-26, Polkposarang-gil, Gwangyang-si, Jeollanam-do, 57807, Korea

< PAGE : 1 >

Chief of material testing section

Park, Junyoung

46848/283719 QW 3



Mill Test Certificate

Certificate No. : 221101-FC01KS-0047A2-0002
Date of Issue : Nov., 07, 2022

Order No. : 01S5825323

PO No. : D4B0293

Supplier : SUNGJIN CO., LTD.

Commodity : COLD ROLLED COIL

Customer : STEMCOR EUROPE

Spec & Type : EN10130 DC01

Size	Product No.	Quantity	Weight (kg)	Heat No.	Position	Tensile Test			Division	Chemical Composition				
						YP (MPa)	TS (%)	EL (%)		C (%)	SI (%)	Mn (%)	P (%)	S (%)
1.50x1500x0.00C	CSKD955C	1	11,230	SP36594	B	225	337	4.4	L	0.0359	0.004	0.151	0.0086	0.0038
1.50x1500x0.00C	CSKD956A	1	10,990	SP36594	B	225	337	4.5	L	0.0359	0.004	0.151	0.0086	0.0038
1.50x1500x0.00C	CSKD956B	1	10,970	SP36594	B	225	337	4.5	L	0.0359	0.004	0.151	0.0086	0.0038
1.50x1500x0.00C	CSKD956C	1	11,270	SP36594	B	225	337	4.5	L	0.0359	0.004	0.151	0.0086	0.0038
X 1.50x1500x0.00C	CSKE620A	1	10,970	SP36594	B	221	336	4.4	L	0.0359	0.004	0.151	0.0086	0.0038
1.50x1500x0.00C	CSKE620B	1	10,970	SP36594	B	221	336	4.4	L	0.0359	0.004	0.151	0.0086	0.0038
1.50x1500x0.00C	CSKE620C	1	11,200	SP36594	B	221	336	4.4	L	0.0359	0.004	0.151	0.0086	0.0038
1.50x1500x0.00C	CSKG482A	1	10,930	SP36594	B	222	336	4.2	L	0.0359	0.004	0.151	0.0086	0.0038
1.50x1500x0.00C	CSKG482B	1	10,940	SP36594	B	222	336	4.2	L	0.0359	0.004	0.151	0.0086	0.0038
1.50x1500x0.00C	CSKG482C	1	11,170	SP36594	B	222	336	4.2	L	0.0359	0.004	0.151	0.0086	0.0038
*** Sub Total ***		18	198,920 (kg)											
*** Lot Total ***		34	389,500 (kg)											
*** Grade Total ***		34	389,500 (kg)											

* Position - T : Top, M : Middle, B : Bottom
* Tensile Test Direction : Transversal, Gauge Length : 80 mm(Rectangular),
* YP Method : Low Point
* Division - L : Ladle Analysis

Test Certificate is issued according to EN10204 3.1.

We hereby certify that the material herein has been made in accordance with the order and is fully in compliance.

Legal sanction can be imposed on forging. Improper use of product can cause safety issues.

Surveyor To :

Park, Junyoung



POSCO

Gwangyang Works, 20-26, Pokposarang-gil, Gwangyang-si, Jeollanam-do, 57807, Korea

< PAGE : 3 >

Chief of material testing section

Park, Junyoung