



MANUFACTURER'S INSPECTION DOCUMENT

A02 Type of certificate according to ISO 10474/ EN 10204

A03 Document number

Page

Inspection certificate 3.1**MTC_0081852360_2312_S355MC_EN10149220_V1****1 / 2**

A01.1 Manufacturer's site address ArcelorMittal Mardyck Grande-Synthe Rue de Spycyck - Port 3801 59792 Grande-Synthe France		A01.2 Manufacturer ArcelorMittal France	A04 Mfr's mark MK
A06.1 Customer's address FEON OY Teollisuuskatu 33 00510 Helsinki FI		A06.2 Delivery address Feon OY Hepokarintie 9 23500 UUSIKAUPUNKI FI	A06.3 Final consignee's address FEON OY Teollisuuskatu 33 00510 Helsinki FI
A01.3 @ eMail Sara.mateos@arcelormittal.com			

A07 Purchaser's order number 48669 000002	A08 Manufacturer's order number GH34FEO002 2	A10.1 Dispatch advice/note number 0081852360	A10.2 Dispatch date 14.12.2023	B04 Delivery condition Thermomechanical Rolling
A11 Manufacturer specification reference 000002744654 2	A12 Customer article number 2463380	A14 Qty MU 6	A15 Total net mass 130,520 Tons	A16 Total gross mass 130,664 Tons

B01 Product (Category/ Subcategory/ Form) Hot Rolled Hot rolled pickled coil		B02.1 Steel designation S355MC		B02.2 Steel standard EN10149-2/2013	
B09 Thickness 10mm	B9.1 Thickness standard and tolerance 1/2 all in minus EN 10051:2010		B10 Width 1500mm	B10.1 Width standard and tolerance mill edge EN 10051:2010	
B11 Length	B11.1 Length standard and tolerance		B2.12 Pattern top		B2.13 Pattern bottom

IDENTIFICATION AND MASS

Units									
B07 MU ID		20086000	20086100	20086200	20086300	20171800	20173000		
B08 Number of piece		1	1	1	1	1	1		
B13 Gross mass	Tons	21,904	21,904	20,464	22,224	22,064	22,104		
B14 Net mass	Tons	21,880	21,880	20,440	22,200	22,040	22,080		
B15 Segment N°		1	1	1	1	1	1		
B07 Heat N°		8643027042	8643027042	8643027042	8643027042	8643028296	8643028296		

TENSILE TEST

Units	Min.	Max.	Specimen type: ISO 6892-1 - Direction: Longitudinal - Condition: As delivered - Re: ReH - T°C: 20°C						
C01.1 Pos. length			Tail	Tail	Tail	Tail	Tail	Tail	
C11 Re	MPa	355	396	390	388	400	394	390	
C12 Rm	MPa	430 550	487	484	482	489	484	482	
C13 A%	%	23	34	34	34	34	35	35	

NOTCH BAR-IMPACT TEST

Units	Min.	Max.	Notch Shape: KV - Probe size: Standard ISO 148-1 - Direction: Longitudinal - Condition: As delivered - T°C: -20°C						
C01.1 Pos. length			Tail	Tail	Tail	Tail	Tail	Tail	
C01.2 Pos. width			1/4 width	1/4 width	1/4 width	1/4 width	1/4 width	1/4 width	
C42.1 V1	J	28	246	246	246	233	322	322	
C42.2 V2	J	28	260	260	260	260	336	336	
C42.3 V3	J	28	233	233	233	246	338	338	
C43 Avg.	J	40	246	246	246	246	332	332	

We hereby certify that the above cited shipment was produced according to the technical specifications of the contract and that, with inspection and tests completed, it meets those specifications as well as all norms and standards referred to in the contract.

A05 Autor of the document - Manufacturer

Quality department

Z15 Responsible

Mateos Riano Sara

Z17 Signature

Z16 Function

Quality Manager

Z02 Date

16.12.2023



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B07 Heat N°		8643027042	8643027042	8643027042	8643027042	8643028296	8643028296		

CHEMICAL COMPOSITION

	Units	Min.	Max.	Casting composition						
C71 C	%		0,12	0,07	0,07	0,07	0,07	0,07	0,07	
C72 Mn	%		1,50	1,12	1,12	1,12	1,12	1,12	1,12	
C73 Si	%		0,50	0,01	0,01	0,01	0,01	0,02	0,02	
C74 P	%		0,025	0,014	0,014	0,014	0,014	0,014	0,014	
C75 S	%		0,020	0,002	0,002	0,002	0,002	0,002	0,002	
C80 Al	%	0,015		0,032	0,032	0,032	0,032	0,035	0,035	
C85 Nb	%		0,09	0,03	0,03	0,03	0,03	0,03	0,03	
C88 Ti	%		0,15	0,01	0,01	0,01	0,01	0,01	0,01	
C89 V	%		0,20	0,00	0,00	0,00	0,00	0,00	0,00	
				NB+Ti+V						
Value	%		0,22	0,04	0,04	0,04	0,04	0,03	0,03	

Inspection of markings, surface, sizes : satisfactory

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