



MANUFACTURER'S INSPECTION DOCUMENT

A02 Type of certificate according to ISO 10474/ EN 10204

A03 Document number

Page

Inspection certificate 3.1**MTC_0081781451_2309_S355MC_EN10149220_V1****1 / 2**

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

A07 Purchaser's order number 45818 000003	A08 Manufacturer's order number GH32FEO002 3	A10.1 Dispatch advice/note number 0081781451	A10.2 Dispatch date 07.09.2023	B04 Delivery condition Thermomechanical Rolling
A11 Manufacturer specification reference 000002890824 1	A12 Customer article number 2463400	A14 Qty MU 3	A15 Total net mass 33,020 Tons	A16 Total gross mass 33,083 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 12mm	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		29784140	29784141	29812740						
B08 Number of piece		1	1	1						
B13 Gross mass	Tons	10,961	10,841	11,281						
B14 Net mass	Tons	10,940	10,820	11,260						
B15 Segment N°		1	1	1						
B07 Heat N°		8643023561	8643023561	8643023865						

TENSILE TEST

	Units	Min.	Max.	Specimen type: ISO 6892-1 - Direction: Longitudinal - Condition: As delivered - Re: ReH - T°C: 20°C					
C00 Sample ID				557177	557177	558638			
C01.1 Pos. length				Half Length	Half Length	Half Length			
C01.2 Pos. width				1/4 width	1/4 width	1/4 width			
C11 Re	MPa	355		401	401	392			
C12 Rm	MPa	430	550	471	471	475			
C13 A%	%	23		33	33	32			

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

08.09.2023



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B07 MU ID		29784140	29784141	29812740				
B15 Segment N°		1	1	1				
B07 Heat N°		8643023561	8643023561	8643023865				

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					
				Half Length	Half Length	Half Length			
C01.1 Pos. length				Half Length	Half Length	Half Length			
C01.2 Pos. width				1/4 width	1/4 width	1/4 width			
C45 Sample ID				557177	557177	558638			
C42.1 V1	J	28		249	249	259			
C42.2 V2	J	28		222	222	263			
C42.3 V3	J	28		240	240	241			
C43 Avg.	J	40		237	237	255			

CHEMICAL COMPOSITION

	Units	Min.	Max.	Casting composition					
C71 C	%		0,12	0,06	0,06	0,07			
C72 Mn	%		1,50	1,13	1,13	1,13			
C73 Si	%		0,50	0,02	0,02	0,02			
C74 P	%		0,025	0,013	0,013	0,013			
C75 S	%		0,020	0,002	0,002	0,001			
C80 Al	%	0,015		0,035	0,035	0,033			
C85 Nb	%		0,09	0,02	0,02	0,03			
C88 Ti	%		0,15	0,01	0,01	0,01			
C89 V	%		0,20	0,00	0,00	0,00			
				NB+Ti+V					
Value	%		0,22	0,03	0,03	0,04			

Inspection of markings, surface, sizes : satisfactory

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