



MANUFACTURER'S INSPECTION DOCUMENT

A02 Type of certificate according to ISO 10474/ EN 10204

A03 Document number

Page

Inspection certificate 3.1**MTC_0081874393_2401_S355MC_EN10149220_V1****1 / 2**

A01.1 Manufacturer's site address ArcelorMittal Mardyck 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 UUSIKAUPUNKI FI		

A07 Purchaser's order number 49329 000003	A08 Manufacturer's order number GH41FEO001 3	A10.1 Dispatch advice/note number 0081874393	A10.2 Dispatch date 20.01.2024	B04 Delivery condition Thermomechanical Rolling
A11 Manufacturer specification reference 000002802105 3	A12 Customer article number 2463400	A14 Qty MU 3	A15 Total net mass 59,780 Tons	A16 Total gross mass 59,843 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 full 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
B2.11 Surface protection type Rust protection			

IDENTIFICATION AND MASS

	Units									
		20172100	20172500	20279300						
B07 MU ID										
B08 Number of piece		1	1	1						
B13 Gross mass	Tons	19,941	20,381	19,521						
B14 Net mass	Tons	19,920	20,360	19,500						
B15 Segment N°		1	1	1						
B07 Heat N°		8643028298	8643028298	8643029688						

TENSILE TEST

	Units	Min.	Max.	Specimen type: ISO 6892-1 - Direction: Longitudinal - Condition: As delivered - Re: ReH - T°C: 20°C						
				Half Length	Half Length	Half Length				
C01.1 Pos. length				1/4 width	1/4 width	1/4 width				
C01.2 Pos. width										
C11 Re	MPa	355		399	399	386				
C12 Rm	MPa	430	550	490	490	479				
C13 A%	%	23		32	32	31				

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

22.01.2024



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B07 MU ID	20172100	20172500	20279300				
B15 Segment N°	1	1	1				
B07 Heat N°	8643028298	8643028298	8643029688				

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

	Units	Min.	Max.	Half Length	Half Length	Tail				
C01.1 Pos. length				1/4 width	1/4 width	1/4 width				
C01.2 Pos. width										
C42.1 V1	J	28		308	308	274				
C42.2 V2	J	28		320	320	251				
C42.3 V3	J	28		281	281	228				
C43 Avg.	J	40		303	303	251				

CHEMICAL COMPOSITION

Units Min. Max. Casting composition

	Units	Min.	Max.							
C71 C	%		0,12	0,07	0,07	0,07				
C72 Mn	%		1,50	1,14	1,14	1,13				
C73 Si	%		0,50	0,02	0,02	0,02				
C74 P	%		0,025	0,011	0,011	0,013				
C75 S	%		0,020	0,001	0,001	0,002				
C80 Al	%	0,015		0,029	0,029	0,038				
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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