



# MANUFACTURER'S INSPECTION DOCUMENT

A02 Type of certificate according to ISO 10474/ EN 10204

A03 Document number

Page

**Inspection certificate 3.1****MTC\_0081763409\_2308\_S355MC\_EN10149220\_V1****1 / 2**

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

A07 Purchaser's order number <b>45437 000002</b>	A08 Manufacturer's order number <b>GH31FEO004 2</b>	A10.1 Dispatch advice/note number <b>0081763409</b>	A10.2 Dispatch date <b>06.08.2023</b>	B04 Delivery condition <b>Thermomechanical Rolling</b>
A11 Manufacturer specification reference <b>000002744654 2</b>	A12 Customer article number <b>2463380</b>	A14 Qty MU <b>8</b>	A15 Total net mass <b>174,440 Tons</b>	A16 Total gross mass <b>174,632 Tons</b>

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

## IDENTIFICATION AND MASS

	Units								
		29783400	29787600	29783500	29783700	29783800	29784000	29783600	29783900
B07 MU ID									
B08 Number of piece		1	1	1	1	1	1	1	1
B13 Gross mass	Tons	21,964	21,784	21,704	21,784	21,824	21,904	21,784	21,884
B14 Net mass	Tons	21,940	21,760	21,680	21,760	21,800	21,880	21,760	21,860
B15 Segment N°		1	1	1	1	1	1	1	1
B07 Heat N°		8643023558	8643023558	8643023559	8643023559	8643023559	8643023559	8643023561	8643023561

## TENSILE TEST

	Units	Min.	Max.	Specimen type: ISO 6892-1 - Direction: Longitudinal - Condition: As delivered - Re: ReH - T°C: 20°C						
				Tail	Tail	Tail	Tail	Tail	Tail	Tail
C00 Sample ID										
C01.1 Pos. length				Tail	Tail	Tail	Tail	Tail	Tail	
C11 Re	MPa	355		401	401	400	399	403	400	
C12 Rm	MPa	430	550	494	493	492	492	494	492	
C13 A%	%	23		34	34	34	34	34	35	

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

**08.08.2023**



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A11 Manufacturer specification reference <b>000002744654 2</b>	A12 Customer article number <b>2463380</b>	A14 Qty MU <b>8</b>	A15 Total net mass <b>174,440 Tons</b>	A16 Total gross mass <b>174,632 Tons</b>

<b>B07 MU ID</b>		<b>29783400</b>	<b>29787600</b>	<b>29783500</b>	<b>29783700</b>	<b>29783800</b>	<b>29784000</b>	<b>29783600</b>	<b>29783900</b>
<b>B15 Segment N°</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>B07 Heat N°</b>		<b>8643023558</b>	<b>8643023558</b>	<b>8643023559</b>	<b>8643023559</b>	<b>8643023559</b>	<b>8643023559</b>	<b>8643023561</b>	<b>8643023561</b>

## CHEMICAL COMPOSITION

	Units	Min.	Max.	Casting composition							
<b>C71 C</b>	%		<b>0,12</b>	<b>0,07</b>	<b>0,07</b>	<b>0,07</b>	<b>0,07</b>	<b>0,07</b>	<b>0,07</b>	<b>0,06</b>	<b>0,06</b>
<b>C72 Mn</b>	%		<b>1,50</b>	<b>1,19</b>	<b>1,19</b>	<b>1,15</b>	<b>1,15</b>	<b>1,15</b>	<b>1,15</b>	<b>1,13</b>	<b>1,13</b>
<b>C73 Si</b>	%		<b>0,50</b>	<b>0,02</b>	<b>0,02</b>	<b>0,01</b>	<b>0,01</b>	<b>0,01</b>	<b>0,01</b>	<b>0,02</b>	<b>0,02</b>
<b>C74 P</b>	%		<b>0,025</b>	<b>0,013</b>	<b>0,013</b>	<b>0,012</b>	<b>0,012</b>	<b>0,012</b>	<b>0,012</b>	<b>0,013</b>	<b>0,013</b>
<b>C75 S</b>	%		<b>0,020</b>	<b>0,002</b>	<b>0,002</b>	<b>0,002</b>	<b>0,002</b>	<b>0,002</b>	<b>0,002</b>	<b>0,002</b>	<b>0,002</b>
<b>C80 Al</b>	%	<b>0,015</b>		<b>0,029</b>	<b>0,029</b>	<b>0,030</b>	<b>0,030</b>	<b>0,030</b>	<b>0,030</b>	<b>0,035</b>	<b>0,035</b>
<b>C85 Nb</b>	%		<b>0,09</b>	<b>0,03</b>	<b>0,03</b>	<b>0,02</b>	<b>0,02</b>	<b>0,02</b>	<b>0,02</b>	<b>0,02</b>	<b>0,02</b>
<b>C88 Ti</b>	%		<b>0,15</b>	<b>0,01</b>	<b>0,01</b>	<b>0,01</b>	<b>0,01</b>	<b>0,01</b>	<b>0,01</b>	<b>0,01</b>	<b>0,01</b>
<b>C89 V</b>	%		<b>0,20</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>

**NB+Ti+V**

<b>Value</b>	%		<b>0,22</b>	<b>0,04</b>	<b>0,04</b>	<b>0,03</b>	<b>0,03</b>	<b>0,03</b>	<b>0,03</b>	<b>0,03</b>	<b>0,03</b>
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**Inspection of markings, surface, sizes : satisfactory**

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.

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