

Inspection certificate 3.1		No. (A03)	14336
DIN EN 10204		Page	1/2
(A02)		Date	19.05.2020
No. (A07)	732/22828/83668	28.02.2020	No. (A07)
Purchaser (A06)	Salzgitter Mannesmann International GmbH 40409 Düsseldorf	Customer (A06)	Salzgitter Mannesmann Int. Mexico SA.CV 03100 MEXIKO D.F. MEXIKO
Product (B01)	Heavy plate	Works order No. (A08)	484010945 88209450
Steel grade and terms of delivery (B02-B03)	A 36 ASTM A 36 -14 ASTM A 6 -17a	Inspection (A05)	WS
Marking of the product (B06) Trademark/Steelgrade/Heat-No/Product-No			

Material data (B01-B99)

Item	Quantity (B08)	Product No. (B07)	Heat No. (B07)	Cond. of delivery (B04)	Thickness x Width x Length (B09-B11)	mm	x	mm	x	mm
05	1	417058/01/7	667870	AR	25,40 x 2438,4 x 6096	25,40	x	2438,4	x	6096
05	1	417058/02/3	667870	AR	25,40 x 2438,4 x 6096	25,40	x	2438,4	x	6096
05	1	417059/01/8	667870	AR	25,40 x 2438,4 x 6096	25,40	x	2438,4	x	6096
05	1	417059/02/4	667870	AR	25,40 x 2438,4 x 6096	25,40	x	2438,4	x	6096
05	1	417060/01/5	667870	AR	25,40 x 2438,4 x 6096	25,40	x	2438,4	x	6096
05	1	417060/02/1	667870	AR	25,40 x 2438,4 x 6096	25,40	x	2438,4	x	6096
05	1	417061/01/4	667870	AR	25,40 x 2438,4 x 6096	25,40	x	2438,4	x	6096
05	1	417061/02/0	667870	AR	25,40 x 2438,4 x 6096	25,40	x	2438,4	x	6096
05	1	417062/01/8	667870	AR	25,40 x 2438,4 x 6096	25,40	x	2438,4	x	6096
05	1	417062/02/4	667870	AR	25,40 x 2438,4 x 6096	25,40	x	2438,4	x	6096
05	1	417063/01/9	667870	AR	25,40 x 2438,4 x 6096	25,40	x	2438,4	x	6096
05	1	417063/02/5	667870	AR	25,40 x 2438,4 x 6096	25,40	x	2438,4	x	6096
05	1	417064/01/6	667870	AR	25,40 x 2438,4 x 6096	25,40	x	2438,4	x	6096
05	1	417064/02/2	667870	AR	25,40 x 2438,4 x 6096	25,40	x	2438,4	x	6096
05	1	417065/01/7	667870	AR	25,40 x 2438,4 x 6096	25,40	x	2438,4	x	6096
05	1	417065/02/3	667870	AR	25,40 x 2438,4 x 6096	25,40	x	2438,4	x	6096
05	1	417066/01/2	667870	AR	25,40 x 2438,4 x 6096	25,40	x	2438,4	x	6096
05	1	417066/02/8	667870	AR	25,40 x 2438,4 x 6096	25,40	x	2438,4	x	6096
05	1	417067/01/3	667870	AR	25,40 x 2438,4 x 6096	25,40	x	2438,4	x	6096
05	1	417067/02/9	667870	AR	25,40 x 2438,4 x 6096	25,40	x	2438,4	x	6096
Σ	20	Weight (B12)	59.280	kgs	AR: as rolled					

 Dimensional check and visual examination of the surface condition:
without objection

Ladle analysis (C70-C99)

Manufacturer standard

Heat No. (B07)	C %	Si %	Mn %	P %	S %	N %	Al %	Cu %	Cr %	Ni %
	≤0,25	≤0,40	0,80 - 1,20	≤0,030	≤0,030		≥0,020			
667870	0,15	0,34	0,93	0,012	0,002	0,005	0,028	0,03	0,04	0,03
Heat No. (B07)	Mo %	V %	Ti %	Nb %	B %	Mn_abs %				
					≤0,0008	≤1,35				
667870	0,01	0,00	0,004	0,001	0,0003	0,93				

 We hereby certify that the delivered material complies with the terms of the order.
(Z01)

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Product (B01)	Heavy plate	Works order No. (A08)	484010945 88209450
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Steel making: Basic oxygen process (C70)

For each reduction of 0,01% below the specified maximum concentration for carbon, an increase of 0,06% above the specified maximum concentration for manganese is permissible, up to a limit that varies with grade.

Tensile test (C10-C29)

Specimen No. (C00)	Heat No. (B07)	Location (C01)	Direct. (C02)	Cond. (B05)	Type (C10)	Yield strength (C11) Rp0,2 N/mm ² ≥ 250	Tensile strength (C12) Rm N/mm ² 400 - 550	Elongation (C13) 8 in % ≥ 18		
417060	667870	F6G	Q	AR	P	306	480	31		
417061	667870	F6G	Q	AR	P	316	479	33		

1) F: Bottom
2) 6: 1/6 Width
3) G: Thickness of product
4) Q: transversal
5) AR: as rolled
6) P: prismatic

Our products are free of radioactive substances and do not exceed the clearing limit value of 100 Bq/kg, which guarantees the compliance with limit values given in the Radiation Protection Ordinance (StrlSchV) for the unrestricted clearance of solid material (StrlSchV Annex III, Section 5) for ferrous nuclides.

We hereby certify that the delivered material complies with the terms of the order. (Z01)