

<b>Inspection certificate 3.1</b>		<b>No. (A03)</b>	<b>14333</b>
<b>DIN EN 10204</b>		<b>Page</b>	<b>1/2</b>
(A02)		<b>Date</b>	<b>19.05.2020</b>
<b>No. (A07)</b>	732/22828/83668	<b>28.02.2020</b>	<b>No. (A07)</b>
<b>Purchaser (A06)</b>	Salzgitter Mannesmann International GmbH 40409 Düsseldorf	<b>Customer (A06)</b>	Salzgitter Mannesmann Int. Mexico SA.CV 03100 MEXIKO D.F. MEXIKO
<b>Product (B01)</b>	Heavy plate	<b>Works order No. (A08)</b>	484010945 88209450
<b>Steel grade and terms of delivery (B02-B03)</b>	A 36 ASTM A 36 -14 ASTM A 6 -17a	<b>Inspection (A05)</b>	WS
<b>Marking of the product (B06)</b> 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
02	1	415503/01/4	667742	AR	19,05 x 2438,4 x 6096	19,05	x	2438,4	x	6096
02	1	415503/02/0	667742	AR	19,05 x 2438,4 x 6096	19,05	x	2438,4	x	6096
02	1	415504/01/1	667742	AR	19,05 x 2438,4 x 6096	19,05	x	2438,4	x	6096
02	1	415504/02/7	667742	AR	19,05 x 2438,4 x 6096	19,05	x	2438,4	x	6096
02	1	415505/01/2	667742	AR	19,05 x 2438,4 x 6096	19,05	x	2438,4	x	6096
02	1	415505/02/8	667742	AR	19,05 x 2438,4 x 6096	19,05	x	2438,4	x	6096
02	1	415506/01/7	667742	AR	19,05 x 2438,4 x 6096	19,05	x	2438,4	x	6096
02	1	415506/02/3	667742	AR	19,05 x 2438,4 x 6096	19,05	x	2438,4	x	6096
02	1	415507/01/8	667742	AR	19,05 x 2438,4 x 6096	19,05	x	2438,4	x	6096
02	1	415507/02/4	667742	AR	19,05 x 2438,4 x 6096	19,05	x	2438,4	x	6096
02	1	415508/01/5	667742	AR	19,05 x 2438,4 x 6096	19,05	x	2438,4	x	6096
02	1	415508/02/1	667742	AR	19,05 x 2438,4 x 6096	19,05	x	2438,4	x	6096
02	1	415509/01/6	667742	AR	19,05 x 2438,4 x 6096	19,05	x	2438,4	x	6096
02	1	415509/02/2	667742	AR	19,05 x 2438,4 x 6096	19,05	x	2438,4	x	6096
<b>Σ</b>	<b>14</b>	<b>Weight (B12)</b>	<b>31.122</b>	<b>kgs</b>	<b>AR: as rolled</b>					

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		≤0,030	≤0,030		≥0,020			
667742	0,13	0,17	0,93	0,012	0,002	0,006	0,029	0,06	0,04	0,04
Heat No. (B07)	Mo %	V %	Ti %	Nb %	B %	Mn_abs %				
					≤0,0008	≤1,35				
667742	0,01	0,00	0,004	0,001	0,0002	0,93				

Steel making: Basic oxygen process  
(C70)

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



**Salzgitter Mannesmann Grobblech GmbH**  
Sandstraße 140  
D-45473 Mülheim an der Ruhr  
(A01)

**AM** Inspection Stamp (Z03)

**SC**

Inspection Representative (Z02)

S. Casper (AM1)

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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/mm2 ≥250	Tensile strength (C12) Rm N/mm2 400 - 550	Elongation (C13) 8 in % ≥18		
415504 415506	667742 667742	F6G F6G	Q Q	AR AR	P P	296 288	447 444	34 34		

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)