

**Inspection certificate 3.1
DIN EN 10204**

(A02)

No. (A03)

14320

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Date

19.05.2020

No. (A07) 732/22828 20.02.2020

 Purchaser Salzgitter Mannesmann
 (A06) International GmbH
 40409 Düsseldorf

No. (A07)

 Customer Salzgitter Mannesmann Int. Mexico
 (A06) SA.CV
 03100 MEXIKO D.F.
 MEXIKO

 Product Heavy plate
 (B01)

 Works order No. 484010944
 (A08) 88209443

 Steel grade and terms of delivery A 36
 (B02-B03) ASTM A 36 -14
 ASTM A 6 -17a

 Inspection WS
 (A05)

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
02	1	413989/01/3	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413989/02/9	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413989/03/5	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413989/04/1	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413990/01/1	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413990/02/7	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413990/03/3	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413990/04/9	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413991/01/0	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413991/02/6	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413991/03/2	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413991/04/8	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413992/01/4	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413992/02/0	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413992/03/6	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413992/04/2	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413993/01/5	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413993/02/1	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413993/03/7	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413993/04/3	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413994/01/2	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413994/02/8	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413994/03/4	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413994/04/0	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413995/01/3	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413995/02/9	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413995/03/5	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413995/04/1	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413996/01/8	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413996/02/4	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413996/03/0	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413996/04/6	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413997/01/9	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413997/02/5	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413997/03/1	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
02	1	413997/04/7	667752	AR	25,40 x 1829,0 x 6096	25,40	x	1829,0	x	6096
Σ	36	Weight (B12)	80.028	kgs	AR: as rolled					

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

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

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(A02)		Date	19.05.2020
No. (A07)	732/22828	20.02.2020	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)	484010944 88209443
Steel grade and terms of delivery (B02-B03)	A 36 ASTM A 36 -14 ASTM A 6 -17a	Inspection (A05)	WS

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			
667752	0,15	0,32	0,94	0,009	0,001	0,005	0,033	0,03	0,03	0,04
Heat No. (B07)	Mo %	V %	Ti %	Nb %	B %	Mn_abs %				
					≤0,0008	≤1,35				
667752	0,01	0,00	0,004	0,001	0,0002	0,94				
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)	Tensile strength (C12)	Elongation (C13)		
		1) 2) 3)	4)	5)	6)	Rp0,2 N/mm2 ≥250	Rm N/mm2 400 - 550	8 in % ≥18		
413991 413993	667752 667752	F6G F6G	Q Q	AR AR	P P	304 290	477 472	30 35		
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)