

Inspection certificate 3.1		No. (A03)	14338
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
07	1	417083/01/1	636745	AR	31,75 x 1829,0 x 6096	
07	1	417083/02/7	636745	AR	31,75 x 1829,0 x 6096	
07	1	417084/01/8	636745	AR	31,75 x 1829,0 x 6096	
07	1	417084/02/4	636745	AR	31,75 x 1829,0 x 6096	
07	1	417085/01/9	636745	AR	31,75 x 1829,0 x 6096	
07	1	417085/02/5	636745	AR	31,75 x 1829,0 x 6096	
07	1	417086/01/4	636751	AR	31,75 x 1829,0 x 6096	
07	1	417086/02/0	636751	AR	31,75 x 1829,0 x 6096	
07	1	417087/01/5	636751	AR	31,75 x 1829,0 x 6096	
07	1	417087/02/1	636751	AR	31,75 x 1829,0 x 6096	
07	1	417088/01/2	636751	AR	31,75 x 1829,0 x 6096	
07	1	417088/02/8	636751	AR	31,75 x 1829,0 x 6096	
Σ	12	Weight (B12)	33.348 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			
636745	0,15	0,33	0,93	0,012	0,001	0,005	0,040	0,03	0,07	0,04
636751	0,15	0,34	0,92	0,011	0,002	0,006	0,040	0,02	0,04	0,03
Heat No. (B07)	Mo %	V %	Ti %	Nb %	B %	Mn_abs %				
					≤0,0008	≤1,35				
636745	0,02	0,00	0,004	0,001	0,0003	0,93				
636751	0,01	0,00	0,004	0,001	0,0004	0,92				

Steel making: Basic oxygen process (C70)

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

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No. (A07)	732/22828/83668	28.02.2020	No. (A07)
Purchaser	Salzgitter Mannesmann	Customer	Salzgitter Mannesmann Int. Mexico
(A06)	International GmbH	(A06)	SA.CV
	40409 Düsseldorf		03100 MEXIKO D.F.
			MEXIKO
Product	Heavy plate	Works order No.	484010945
(B01)		(A08)	88209450
Steel grade and terms of delivery	A 36	Inspection	WS
(B02-B03)	ASTM A 36 -14	(A05)	
	ASTM A 6 -17a		

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		
417084	636745	F6G	Q	AR	P	284	469	34		
417085	636745	F6G	Q	AR	P	292	473	33		
417086	636751	F6G	Q	AR	P	290	468	33		
417087	636751	F6G	Q	AR	P	291	466	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)