

<b>Inspection certificate 3.1</b>		<b>No. (A03)</b>	<b>1215542</b>
<b>DIN EN 10204</b>		Page	1/2
(A02)		Date	26.05.2020
No. (A07)	732/22828	19.02.2020	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)	0000102838
Steel grade and terms of delivery (B02-B03)	A 572 Gr. 50 ASTM A 572 -18 ASTM A 6 -17a	Dispatch note No.	0088855307 19.05.2020
		Inspection (A05)	WS
Marking of the product (B06) Trademark/Steelgrade/Heat-No/Product-No/ inspector's stamp			

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
04	1	197648 1	30329	AR	12,70 x 1829,0 x 6096		
04	1	197648 2	30329	AR	12,70 x 1829,0 x 6096		
04	1	197648 3	30329	AR	12,70 x 1829,0 x 6096		
04	1	197648 4	30329	AR	12,70 x 1829,0 x 6096		
04	1	197649 1	30329	AR	12,70 x 1829,0 x 6096		
04	1	197649 2	30329	AR	12,70 x 1829,0 x 6096		
04	1	197649 3	30329	AR	12,70 x 1829,0 x 6096		
04	1	197649 4	30329	AR	12,70 x 1829,0 x 6096		
04	1	197650 1	30329	AR	12,70 x 1829,0 x 6096		
04	1	197650 2	30329	AR	12,70 x 1829,0 x 6096		
04	1	197650 3	30329	AR	12,70 x 1829,0 x 6096		
04	1	197650 4	30329	AR	12,70 x 1829,0 x 6096		
04	1	197651 1	30329	AR	12,70 x 1829,0 x 6096		
04	1	197651 2	30329	AR	12,70 x 1829,0 x 6096		
04	1	197651 3	30329	AR	12,70 x 1829,0 x 6096		
04	1	197651 4	30329	AR	12,70 x 1829,0 x 6096		
04	1	197652 1	30329	AR	12,70 x 1829,0 x 6096		
04	1	197652 2	30329	AR	12,70 x 1829,0 x 6096		
04	1	197652 3	30329	AR	12,70 x 1829,0 x 6096		
04	1	197652 4	30329	AR	12,70 x 1829,0 x 6096		
04	1	201961 1	30329	AR	12,70 x 1829,0 x 6096		
04	1	201961 2	30329	AR	12,70 x 1829,0 x 6096		
04	1	201961 3	30329	AR	12,70 x 1829,0 x 6096		
04	1	201961 4	30329	AR	12,70 x 1829,0 x 6096		
04	1	201962 1	30329	AR	12,70 x 1829,0 x 6096		
04	1	201962 2	30329	AR	12,70 x 1829,0 x 6096		
04	1	201962 3	30329	AR	12,70 x 1829,0 x 6096		
04	1	201962 4	30329	AR	12,70 x 1829,0 x 6096		
04	1	201963 1	30329	AR	12,70 x 1829,0 x 6096		
04	1	201963 2	30329	AR	12,70 x 1829,0 x 6096		
04	1	201963 3	30329	AR	12,70 x 1829,0 x 6096		
04	1	201963 4	30329	AR	12,70 x 1829,0 x 6096		
04	1	203332 1	30329	AR	12,70 x 1829,0 x 6096		
04	1	203332 2	30329	AR	12,70 x 1829,0 x 6096		
04	1	203332 3	30329	AR	12,70 x 1829,0 x 6096		
04	1	203332 4	30329	AR	12,70 x 1829,0 x 6096		
Σ	36	Weight (B12)	40.032 kgs	AR: as rolled			

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

QM-System: Certification as per ISO 9001 since 28 February 1990



**Ilseburger Grobblech GmbH**  
 Veckenstedter Weg 10  
 D-38871 Ilseburg  
 (A01)

**AJ** Inspection Stamp (Z03)

Inspection Representative (Z02)

Cyron

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Steel grade and terms of delivery (B02-B03)	A 572 Gr. 50 ASTM A 572 -18 ASTM A 6 -17a	Dispatch note No.	0088855307 19.05.2020
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Dimensional check and visual examination of the surface condition:  
without objection

fully killed, made to fine grain practice

<b>Ladle analysis (C70-C99)</b>										
Manufacturer standard										
Heat No. (B07)	C %	Si %	Mn %	P %	S %	N %	Al %	Cu %	Cr %	Ni %
	≤0,18	≤0,40	0,80 - 1,60	≤0,030	≤0,030		≥0,015			
30329	0,14	0,30	1,46	0,012	0,003	0,005	0,030	0,04	0,04	0,05
Heat No. (B07)	Nb %	V %	Ti %	Mo %	B %					
	0,005-0,050				≤0,0008					
30329	0,024	0,004	0,01	0,01	0,0005					

Steel making: Basic oxygen process (C70)

<b>Tensile test (C10-C29)</b>										
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/mm <sup>2</sup> ≥345	Rm N/mm <sup>2</sup> ≥450	8 in % ≥18		
197662 *)	30329	K6G	Q	AR	P	443	562	26		

1) K: Top  
2) 6: 1/6 Width  
3) G: Thickness of product  
4) Q: transversal  
5) AR: as rolled  
6) P: prismatic  
\*) The sample product is not part of the delivery

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)

QM-System: Certification as per ISO 9001 since 28 February 1990



**Isenburger Grobblech GmbH**  
Veckenstedter Weg 10  
D-38871 Isenburg  
(A01)

**AJ** Inspection Stamp (Z03)

Inspection Representative (Z02)

Cyron