

<b>Inspection certificate 3.1</b>		<b>No. (A03)</b>	<b>1215534</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)	0000102770
Steel grade and terms of delivery (B02-B03)	A 36 MT ASTM A 36 -14 ASTM A 6 -17a	Dispatch note No.	0088855306 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
01	1	195864	1	57951	N	76,20	x	1829,0	x	6096
01	1	195865	1	57951	N	76,20	x	1829,0	x	6096
01	1	196362	1	57951	N	76,20	x	1829,0	x	6096
01	1	196363	1	57951	N	76,20	x	1829,0	x	6096
02	1	196369	1	57951	N	101,60	x	1829,0	x	6096
02	1	196370	1	57951	N	101,60	x	1829,0	x	6096
01	4	Weight	26.676	kgs	N: normalized					
02	2	(B12)	17.784							
Σ	6		44.460							
Dimensional check and visual examination of the surface condition: without objection										
Heat treatment: Temperature : 910 +/-10°C Soaking time: 30 min/inch Cooling in still air										

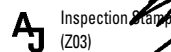
Ladle analysis (C70-C99)										
Manufacturer standard										
Heat No. (B07)	C %	Si %	Mn %	P %	S %	N %	Al %	Cu %	Cr %	Ni %
	≤0,24	0,15 - 0,40	0,85 - 1,35	≤0,030	≤0,030		≥0,020			
57951	0,15	0,22	1,07	0,010	0,002	0,004	0,037	0,02	0,05	0,03
Heat No. (B07)	V %	Nb %	Mo %	Ti %	Sn %	B %	Cu+Cr %	Cr+Mo %	EV1 1) %	
						≤0,0008				
57951	0,002	0,002	0,003	0,003	0,001	0,0003	0,07	0,05	0,10	
1) EV1 : Cr+Cu+Mo+Ni										
Steel making: Basic oxygen process (C70)										

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)



Inspection Representative  
(Z02)

Cyron

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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) 2 in % ≥21		
195864	57951	K6V	Q	N	C	294	453	37		
195865	57951	K6V	Q	N	C	296	451	37		
196369	57951	K6V	Q	N	C	297	443	37		
196370	57951	K6V	Q	N	C	277	446	37		

1) K: Top  
2) 6: 1/6 Width  
3) V: 1/4 Thickness  
4) Q: transversal  
5) N: normalized  
6) C: cylindric

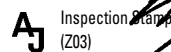
Our products are free of radioactive substances and do not exceed the clearing limit value of 100 Bq/kg, which guarantees the compliance with limit values given in the Radiation Protection Ordinance (StrlSchV) for the unrestricted clearance of solid material (StrlSchV Annex III, Section 5) for ferrous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

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