

Inspection certificate 3.1		No. (A03)	121541
DIN EN 10204		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 36 MT ASTM A 36 -14 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
02	1	195863	1	57951	N	88,90	x	1829,0	x	6096
02	1	196359	1	57951	N	88,90	x	1829,0	x	6096
02	1	196360	1	04054	N	88,90	x	1829,0	x	6096
02	1	196361	1	04054	N	88,90	x	1829,0	x	6096
03	1	196118	1	04440	N	101,60	x	2438,4	x	6096
03	1	196119	1	04440	N	101,60	x	2438,4	x	6096
02	4	Weight (B12)	31.124	kgs	N: normalized					
03	2		23.710							
Σ	6		54.834							

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			
04054	0,15	0,16	1,17	0,015	0,001	0,005	0,050	0,02	0,04	0,14
04440	0,16	0,24	1,04	0,014	0,002	0,004	0,035	0,02	0,04	0,04
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				
04054	0,003	0,02	0,01	0,004	0,005	0,0002	0,06	0,05	0,21	
04440	0,001	0,001	0,01	0,002	0,002	0,0003	0,06	0,05	0,11	
57951	0,002	0,002	0,003	0,003	0,001	0,0003	0,07	0,05	0,10	

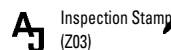
1) EV1 : Cr+Cu+Mo+Ni

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 Ilseburg
(A01)



Inspection Representative
(Z02)

Cyron

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Steel making: Basic oxygen process
(C70)

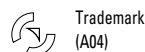
Tensile test (C10-C29)										
Specimen No. (C00)	Heat No. (B07)	Location (C01)	Direct. (C02)	Cond. (B05)	Type (C10)	Yield strength (C11) Rp0,2 N/mm2 ≥ 250	Tensile strength (C12) Rm N/mm2 400 - 550	Elongation (C13) 2 in % ≥ 21		
195863	57951	K6V	Q	N	C	281	446	38		
196118	04440	K6V	Q	N	C	291	450	39		
196359	57951	K6V	Q	N	C	293	450	38		
196360	04054	K6V	Q	N	C	295	444	38		
196361	04054	K6V	Q	N	C	284	439	38		

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.

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(Z01)

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

AJ Inspection Stamp
(Z03)



Inspection Representative
(Z02)

Cyron