

Inspection certificate 3.1		No. (A03)	641069
DIN EN 10204		Page	1/2
(A02)		Date	08.04.2015
No. (A07)	Plesa	23.02.2015	No. (A07)
Purchaser (A06)	Salzgitter Mannesmann International GmbH 40409 Düsseldorf	Consumer	Plesa Anahuac y Cias., S.A. de C.V. 54940 COL. SAN FRANCISCO CHILPAN MEXIKO
Product (B01)	W-Shapes acc. ASTM A6	Works order No. (A08)	0000408327
Steel grade and terms of delivery (B02-B03)	ASTM A 992-06a ASTM A 992-06a:2007	Dispatch note No.	0085511161 07.04.2015
		Inspection (A05)	WS

Material data (B01-B09)						
Item	Heat No. (B07)	Quantity (B08)	Cond. of delivery (B04)	Product (B07)	Length (B09-B11) ft	Weight (B12) kgs
05	18070	12	AR	W10X26LBS/FT	40'	5.633
05	65564	60	AR	W10X26LBS/FT	40'	28.165
05	65567	24	AR	W10X26LBS/FT	40'	11.266
Σ		96	AR: as rolled			45.064

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

Ladle analysis (C70-C99)										
Heat No. (B07)	C %	Si %	Mn %	P %	S %	N %	Al %	V %	Nb %	Ti %
	≤ 0,23	≤ 0,40	0,50 - 1,60	≤ 0,035	≤ 0,045	≤ 0,012		≤ 0,15	≤ 0,05	
18070	0,10	0,18	1,27	0,015	0,012	0,011	0,009	0,05	0,00	0,00
65564	0,09	0,17	1,30	0,014	0,012	0,011	0,009	0,07	0,00	0,00
65567	0,09	0,18	1,31	0,014	0,010	0,012	0,013	0,05	0,00	0,00
Heat No. (B07)	Cu %	Cr %	Ni %	Mo %	Sn %	EV1 1) %	V+Nb %			
	≤ 0,50	≤ 0,35	≤ 0,45	≤ 0,15		≤ 0,45	≤ 0,15			
18070	0,35	0,09	0,14	0,02	0,02	0,38	0,05			
65564	0,33	0,07	0,14	0,02	0,02	0,37	0,07			
65567	0,33	0,09	0,14	0,02	0,02	0,37	0,05			

1) EV1: CEV=C+Mn/6+Mo/5+Ni/15+Cr/5+V/5+Cu/15

Steel making: Electric process (C70)

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



Peiner Träger GmbH
Gerhard-Lucas-Meyer-Str. 10
D-31228 Peine
(A01)

Inspection Representative
(Z02)

Link

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(A02)		Date	08.04.2015
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Purchaser (A08)	Salzgitter Mannesmann International GmbH 40409 Düsseldorf	Consumer	Plesa Anahuac y Cias., S.A. de C.V. 54940 COL. SAN FRANCISCO CHILPAN MEXIKO
Product (B01)	W-Shapes acc. ASTM A6	Works order No. (A08)	0000408327
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Tensile test (C10-C29)									
Heat No. (B07)	Product (C00)	Location (C01)	Direct. (C02)	Type (C10)	Yield point (C11)	Tensile strength (C12)	Elongation (C13)	ReH/Rm	
		1)	2)	3)	ReH N/mm ² 345 - 450	Rm N/mm ² 450 - 650	200mm % ≥18		
18070	W10X26LBS/FT	ST	L	P	448	565	30	0,79	
18070	W10X26LBS/FT	ST	L	P	440	560	31	0,79	
65564	W10X26LBS/FT	ST	L	P	449	569	30	0,79	
65564	W10X26LBS/FT	ST	L	P	442	565	29	0,78	
65567	W10X26LBS/FT	ST	L	P	445	565	33	0,79	
65567	W10X26LBS/FT	ST	L	P	449	563	31	0,80	

1) ST: Web
2) L: longitudinal
3) P: prismatic

Fully killed steel produced by an electric arc furnace

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(Z01)



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