

Inspection certificate 3.1		No. (A03)	641071
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.	0085511157 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
07	18050	72	AR	W12X26LBS/FT	40'		33.972
07	18051	36	AR	W12X26LBS/FT	40'		16.986
Σ		108	AR: as rolled				50.958

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 - 1,80	≤0,035	≤0,045	≤0,012		≤0,15	≤0,05	
18050	0,09	0,19	1,29	0,015	0,010	0,012	0,013	0,05	0,00	0,00
18051	0,09	0,20	1,30	0,017	0,014	0,012	0,011	0,05	0,00	0,00
Heat No. (B07)	Cu %	Cr %	Ni %	Mo %	Sn %	EV1 1) %	V+Nb %			
	≤0,80	≤0,35	≤0,45	≤0,15		≤0,45	≤0,15			
18050	0,34	0,10	0,13	0,03	0,02	0,37	0,05			
18051	0,30	0,10	0,12	0,03	0,02	0,37	0,05			

1) EV1: CEV=C+Mn/8+Mo/5+Ni/15+Cr/5+V/5+Cu/15

Steel making: Electric process (C70)

Tensile test (C10-C29)									
Heat No. (B07)	Product (C00)	Location (C01)	Direct. (C02)	Type (C10)	Yield point (C11) ReH N/mm2	Tensile strength (C12) Rm N/mm2	Elongation (C13) 200mm %	ReH/Rm	
		1)	2)	3)	345 - 450	450 - 650	≥18	≤0,85	
18051	W12X26LBS/FT	FL	L	P	412	555	21	0,74	
18051	W12X26LBS/FT	FL	L	P	429	568	28	0,76	

1) FL: Flange
2) L: longitudinal
3) P: prismatic

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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(A06)	International GmbH		54940 COL. SAN FRANCISCO CHILPAN
	40409 Düsseldorf		MEXIKO
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(B02-B03)	ASTM A 992-06a:2007		07.04.2015
		Inspection	WS
		(A05)	

Fully killed steel produced by
an electric arc furnace

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(Z01)



Peiner Träger GmbH
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D-31228 Peine
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