

Inspection certificate 3.1		No. (A03)	640837
DIN EN 10204		Page	1/2
(A02)		Date	07.04.2015
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.	0085504669 0085505726 0085505728 0085505731 02.04.2015
		Inspection (A05)	WS

Material data (B01-B09)						
Item	Heat No. (B07)	Quantity (B08)	Cond. of delivery (B04)	Product (B07)	Length (B08-B11) ft	Weight (B12) kgs
08	18049	120	AR	W12X30LBS/FT	40'	65.100
09	65696	56	AR	W12X35LBS/FT	40'	35.637
09	65697	40	AR	W12X35LBS/FT	40'	25.455
Σ		216	AR: as rolled			126.192

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	
18049	0,09	0,21	1,32	0,014	0,015	0,012	0,010	0,05	0,00	0,00
65696	0,08	0,18	1,26	0,020	0,011	0,009	0,013	0,05	0,00	0,00
65697	0,09	0,15	1,26	0,016	0,008	0,011	0,010	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			
18049	0,32	0,08	0,13	0,02	0,02	0,37	0,05			
65696	0,40	0,10	0,16	0,03	0,02	0,36	0,05			
65697	0,35	0,09	0,13	0,02	0,02	0,36	0,05			

1) EV1 = CEV-C+Mn/8+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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No. (A07)	Plesa	23.02.2015	No. (A07)
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
Steel grade and terms of delivery (B02-B03)	ASTM A 992-06a ASTM A 992-06a:2007	Dispatch note No.	0085504669 0085505726 0085505728 0085505731 02.04.2015
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Tensile test (C10-C28)										
Heat No. (B07)	Product (C00)	Location (C01)	Direct. (C02)	Type (C10)	Yield point (C11) ReH N/mm ² 345 - 450	Tensile strength (C12) Rm N/mm ² 450 - 650	Elongation (C13) 200mm %	ReH/Rm		
18049	W12X30LBS/FT	FL	L	P	422	554	23	0,76		
18049	W12X30LBS/FT	FL	L	P	420	555	29	0,76		
65696	W12X35LBS/FT	FL	L	P	398	531	22	0,75		
65696	W12X35LBS/FT	FL	L	P	400	542	30	0,74		
65697	W12X35LBS/FT	FL	L	P	424	543	19	0,78		
65697	W12X35LBS/FT	FL	L	P	435	540	21	0,81		

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

Fully killed steel produced by
an electric arc furnace

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



Peiner Träger GmbH
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(A01)

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(Z02)

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