

Inspection certificate 3.1		No. (A03)	641072
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.	0085511160 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
06	18073	60	AR	W10X30LBS/FT	40'	32.772
06	18075	20	AR	W10X30LBS/FT	40'	10.924
Σ		80	AR: as rolled			43.696

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	
18073	0,08	0,18	1,29	0,015	0,022	0,011	0,010	0,06	0,00	0,00
18075	0,09	0,19	1,28	0,016	0,013	0,012	0,011	0,05	0,00	0,00
Heat No. (B07)	Cu %	Cr %	Ni %	Mo %	Sn %	EV1 1) %	V+Nb %			
	≤0,60	≤0,35	≤0,45	≤0,15		≤0,45	≤0,15			
18073	0,30	0,09	0,13	0,02	0,02	0,36	0,06			
18075	0,31	0,09	0,14	0,03	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)

Tensile test (C10-C29)									
Heat No. (B07)	Product (C00)	Location (C01)	Direct. (C02)	Type (C10)	Yield point (C11) ReH N/mm ²	Tensile strength (C12) Rm N/mm ²	Elongation (C13) 200mm %	ReH/Rm	
		1)	2)	3)	345 - 450	450 - 650	≥18	≤0,85	
18075	W10X30LBS/FT	ST	L	P	446	554	31	0,81	
18075	W10X30LBS/FT	ST	L	P	439	548	32	0,80	

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

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



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

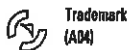
Inspection Representative (Z02)

Link

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Purchaser	Salzgitter Mannesmann	Consumer	Plesa Anahuac y Cias., S.A. de C.V.
(A08)	International GmbH		54940 COL. SAN FRANCISCO CHILPAN
	40409 Düsseldorf		MEXIKO
Product	W-Shapes acc. ASTM A6	Works order No.	0000408327
(B01)		(A08)	
Steel grade and terms of delivery	ASTM A 992-06a	Dispatch note No.	0085511160
(B02-B03)	ASTM A 992-06a:2007		07.04.2015
		Inspection	WS
		(A05)	

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

Inspection Representative
(Z02)

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