

<b>Inspection certificate 3.1</b> <b>DIN EN 10204</b> (A02)		No. (A03) <b>641212</b>
		Page <b>1/2</b>
		Date <b>09.04.2015</b>
No. (A07) <b>Plesa</b>	<b>23.02.2015</b>	No. (A07) <b>Consumer</b>
Purchaser (A06) <b>Salzgitter Mannesmann International GmbH</b>	<b>40409 Düsseldorf</b>	<b>Plesa Anahuac y Cias., S.A. de C.V.</b>
		<b>54940 COL. SAN FRANCISCO CHILPAN MEXIKO</b>
Product (B01) <b>W-Shapes acc. ASTM A6</b>		Works order No. (A08) <b>0000408327</b>
Steel grade and terms of delivery (B02-B03) <b>ASTM A 992-06a</b>	<b>ASTM A 992-06a:2007</b>	Dispatch note No. <b>0085512321</b>
		Inspection (A05) <b>WS</b>

Material data (B01-B09)							
Item	Heat No. (B07)	Quantity (B08)	Cond. of delivery (B04)	Product (B07)	Length (B09-B11)	ft	Weight (B12) kgs
04	18053	96	AR	W10X22LBS/FT	40'		38.504
Σ		96	AR: as rolled				38.504

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 %
18053	≤0,23	≤0,40	0,50 - 1,60	≤0,035	≤0,045	≤0,012		≤0,15	≤0,05	
18053	0,09	0,18	1,31	0,017	0,009	0,012	0,008	0,05	0,00	0,00
Heat No. (B07)	Cu %	Cr %	Ni %	Mo %	Sn %	EV1 1) %	V+Nb %			
18053	≤0,80	≤0,35	≤0,45	≤0,15		≤0,45	≤0,15			

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/mm2	Tensile strength (C12) Rm N/mm2	Elongation (C13) 200mm %	ReH/Rm	
18053	W10X22LBS/FT	ST	L	P	440	561	31	0,78	
18053	W10X22LBS/FT	ST	L	P	447	564	30	0,79	

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  
Gerhard-Lucas-Meyer-Str. 10  
D-31226 Peine  
(A01)

Inspection Representative  
(Z02)

Link

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<b>DIN EN 10204</b>		Page	2/2
(A02)		Date	09.04.2015
No. (A07)	<b>Plesa</b>	23.02.2015	No. (A07)
Purchaser (A06)	<b>Salzgitter Mannesmann International GmbH</b>		Consumer
	<b>40409 Düsseldorf</b>		<b>Plesa Anahuac y Cias., S.A. de C.V.</b>
			<b>54940 COL. SAN FRANCISCO CHILPAN MEXIKO</b>
Product (B01)	<b>W-Shapes acc. ASTM A6</b>	Works order No. (A08)	<b>0000408327</b>
Steel grade and terms of delivery (B02-B03)	<b>ASTM A 992-06a</b>	Dispatch note No.	<b>0085512321</b>
	<b>ASTM A 992-06a:2007</b>	Inspection (A05)	<b>07.04.2015</b>
			<b>WS</b>

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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