

<b>Inspection certificate 3.1</b> <b>DIN EN 10204</b> (A02)		No. (A03) <b>641009</b>
		Page <b>1/2</b>
		Date <b>08.04.2015</b>
No. (A07) <b>Plesa</b>	23.02.2015	No. (A07) Consumer
Purchaser (A08) <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. <b>0000408327</b> (A08)
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>0085504667</b> <b>02.04.2015</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
19	18037	72	AR	W8X24LBS/FT	40'		31.512
Σ		72	AR: as rolled				31.512

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 %
18037	0,09	0,19	1,27	0,020	0,012	0,011	0,009	0,05	0,00	0,00
Heat No. (B07)	Cu %	Cr %	Ni %	Mo %	Sn %	EV1 1) %	V+Nb %			
18037	0,32	0,12	0,17	0,04	0,02	0,38	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		
18037	W8X24LBS/FT	FL	L	P	419	566	20	0,74		
18037	W8X24LBS/FT	FL	L	P	422	561	21	0,75		

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)

This certificate was prepared by a suitable data processing system and is valid without signature according to EN 10 204, section 5.

Link

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<b>(A02)</b>		<b>Date</b>	<b>08.04.2015</b>
<b>No. (A07)</b>	<b>Plesa</b>	<b>23.02.2015</b>	<b>No. (A07)</b>
<b>Purchaser</b>	<b>Salzgitter Mannesmann</b>	<b>Consumer</b>	<b>Plesa Anahuac y Cias., S.A. de C.V.</b>
<b>(A06)</b>	<b>International GmbH</b>		<b>54940 COL. SAN FRANCISCO CHILPAN</b>
	<b>40409 Düsseldorf</b>		<b>MEXIKO</b>
<b>Product</b>	<b>W-Shapes acc. ASTM A6</b>	<b>Works order No.</b>	<b>0000408327</b>
<b>(B01)</b>		<b>(A08)</b>	
<b>Steel grade and terms of delivery</b>	<b>ASTM A 992-06a</b>	<b>Dispatch note No.</b>	<b>0085504667</b>
<b>(B02-B03)</b>	<b>ASTM A 992-06a:2007</b>		<b>02.04.2015</b>
		<b>Inspection</b>	<b>WS</b>
		<b>(A05)</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-31226 Peine  
(A01)

**Inspection Representative**  
(Z02)

**Link**

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