

Inspection certificate 3.1 DIN EN 10204 (A02)		No. (A03)	640223
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		Date	31.03.2015
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.	0085498562 30.03.2015
		Inspection (A05)	WS

Material data (B01-B99)						
Item	Heat No. (B07)	Quantity (B08)	Cond. of delivery (B04)	Product (B07)	Length (B09-B11) ft	Weight (B12) kgs
33	65475	18	AR	W12X65LBS/FT	40'	21.222
33	65572	8	AR	W12X65LBS/FT	40'	9.432
35	65572	4	AR	W12X87LBS/FT	40'	6.312
35	65573	2	AR	W12X87LBS/FT	40'	3.156
Σ		32	AR: as rolled			40.122

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	
65475	0,16	0,16	1,17	0,017	0,020	0,012	0,013	0,03	0,00	0,00
65572	0,16	0,20	1,19	0,014	0,011	0,009	0,008	0,02	0,00	0,00
65573	0,15	0,17	1,21	0,013	0,012	0,010	0,007	0,03	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			
65475	0,23	0,08	0,11	0,05	0,01	0,41	0,03			
65572	0,26	0,09	0,12	0,03	0,01	0,41	0,02			
65573	0,23	0,07	0,09	0,03	0,01	0,40	0,03			

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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(A02)		Date	31.03.2015
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		Dispatch note No.
		ASTM A 992-06a:2007	0085498562
			30.03.2015
			Inspection (A05)
			WS

Tensile test (C10-C29)										
Heat No. (B07)	Product (C00)	Location (C01)		Direct. (C02)	Type (C10)	Yield point (C11)	Tensile strength (C12)	Elongation (C13)	ReH/Rm	
		1)	2)							
						ReH	Rm	200mm		
						N/mm2	N/mm2	%		
						345 - 450	450 - 650	≥ 18		≤ 0,85
65475	W12X65LBS/FT	FL	L	P	433	570	27	0,76		
65475	W12X65LBS/FT	FL	L	P	426	564	27	0,76		
65572	W12X65LBS/FT	FL	L	P	420	562	29	0,75		
65572	W12X65LBS/FT	FL	L	P	416	557	23	0,75		
65572	W12X87LBS/FT	FL	L	P	421	556	27	0,76		
65572	W12X87LBS/FT	FL	L	P	428	560	28	0,76		
65573	W12X87LBS/FT	FL	L	P	417	550	28	0,76		
65573	W12X87LBS/FT	FL	L	P	421	550	24	0,77		

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

Inspection Representative
(Z02)

Link