

QUALITY CERTIFICATE

APS P-7331

DISCHARGE ADDRESS		CUSTOMER	
PLESA ANAHUAC Y CIAS, S.A.DE C.V. AV VALLE DE LAS ALAMEDAS 66-O COL.SAN FRANCISCO CHILPAN 54940,TULTITLAN EDO.DE MEXICO		PLESA ANAHUAC Y CIAS, S.A.DE C.V. AV VALLE DE LAS ALAMEDAS 66-O COL.SAN FRANCISCO CHILPAN 54940,TULTITLAN EDO.DE MEXICO	
SHIPPED AND CERTIFIED BY		CREDIT NUMBER	PORT OF LOADING
ARCELOR MADRID, S.L. CARRETERA TOLEDO, N-401 - KM. 9,200 28021 VILLAVERDE (Madrid) TELEF. (91) 797.23.00 - TELEX 22120 - 49632			BILBAO, SPAIN
		PORT OF DISCHARGE	VESSEL
		VERACRUZ (MEXICO)	ZAPOTECA
OUR REFERENCE	CONTRACT NUMBER	ORDER NUMBER	DATE
mgonzalez	E-17352 Lot: 1		31/05/2006

Material: WF Vigas, calidad ASTM A-992.

El exportador de los productos incluidos en el presente documento,
Autorización aduanera no.

ARCELOR MADRID, S.L. ES/28/0047/03

Declara que, salvo indicación en sentido contrario, estos
productos gozan de un origen preferencial ESPAÑA

SIZE	LENGTH	BUNDLES	PIECES BUNDLES	TOTAL PIECES	WEIGHT BUNDLES	TOTAL WEIGHT	HEAT
MARCAS: PLESA / VERACRUZ + / AMARILLO							
WF BEAMS 24x68	40'	16	4	64	4935	78.960	67107,67108
WF BEAMS 24x76	40'	15	4	60	5516	82.740	67102,67103
WF BEAMS 24x94	40'	16	3	48	5117	81.872	67104,67105
TOTAL BUNDLES		47		TOTAL WEIGHT		243.572 Kg.	

A02 EN 10204/3.1.B

CSA G40.21 50W/ASTM A36-04/A572 G50-04/A992-04/A6-04

(B01/B02/B03) A03

COLADA HEAT	COMPOSICION QUIMICA (%) CHEMICAL COMPOSITION (%)														
	C	Mn	Si	P	S	V	Cr	Ni	Mo	Cu	Nb	Sn	CEV		
<small>B08</small> 67102	.086	.853	.184	.025	.013	.003	.100	.093	.016	.386	.018	.041	.28		
67103	.088	.866	.231	.015	.015	.002	.080	.099	.016	.362	.018	.042	.28		
67104	.094	.881	.242	.020	.025	.003	.089	.103	.017	.389	.017	.038	.30		
67105	.089	.852	.194	.021	.025	.003	.098	.096	.016	.412	.016	.049	.29		
67107	.088	.884	.198	.025	.020	.003	.080	.087	.015	.333	.016	.056	.28		
67108	.085	.865	.228	.015	.019	.003	.084	.156	.022	.423	.018	.037	.29		

MATERIAL SIZE	COLADA HEAT	PROPIEDADES MECANICAS MECHANICAL PROPERTIES					
		ReH MPa		Rm MPa		A% L0=2"	
<small>B11</small>	<small>B08</small>	<small>C11</small>		<small>C12</small>		<small>C13</small>	
W-24x68	67107	390	392	496	498	21,4	21,
W-24x68	67108	376	378	480	482	21,	20,8
W-24x76	67102	373	378	483	485	22,8	22,5

celor Madrid, S.L.
 Long Carbon Steel Europe
 Sections
 CARRETERA TOLEDO, N-401 - KM. 9,200
 28021 VILLAVERDE (Madrid)
 TELEF: (31) 797.23.00 - FAX (91) 795.31.81



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		ReH MPa		Rm MPa		A% L0=2"	
<small>B11</small>	<small>B08</small>	<small>C11</small>		<small>C12</small>		<small>C13</small>	
W-24x76	67103	368	369	479	482	21,9	21,6
W-24x94	67104	366	371	476	479	25,3	24,8
W-24x94	67105	354	359	470	473	23,7	23,4

Z01

6 análisis

D01: Certificamos que los aceros arriba indicados han sido satisfactoriamente probados de acuerdo con la especificación.

B06: Marca APM

Javier Aseguinolaza