

#01

Arcefor Olaberria, S.L.
 Long Carbon Steel Europe
 Sections

CARRETERA MADRID - IRUN, KM. 419
 20212 OLABERRIA (Guipúzcoa)
 TELEF. (943) 80.50.00 - FAX (943) 88.04.04



QUALITY CERTIFICATE

APS P-8337

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 OLABERRIA, S.L. CARRETERA MADRID - IRUN, KM. 419 20212 OLABERRIA (Guipúzcoa) TELEF. (943) 80.50.00 - FAX (943) 88.04.04			BILBAO, SPAIN
		PORT OF DISCHARGE	VESSEL
		VERACRUZ (MEXICO)	OLMECA
OUR REFERENCE	CONTRACT NUMBER	ORDER NUMBER	DATE
mgonzalez	E-18408 Lot: 1	O.C. 1870	30/09/2006

Material: WF Vigas, calidad ASTM A-992.

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

ARCELOR OLABERRIA S.L. ES/20/0040/03

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
PLESA ANAHUAC - VERACRUZ + / AMARILLO							
WF BEAMS 12x26	40'	21	10	210	4717	99.057	105392,105393,105394,105395,105396,105398,105399
WF BEAMS 18x71	40'	1	4	4	5153	5.153	104910

TOTAL BUNDLES **22** TOTAL WEIGHT **104.210 Kg.**

COLADA HEAT	COMPOSICION QUIMICA (%) CHEMICAL COMPOSITION (%)																
	C	Mn	Si	P	S	V	Cr	Ni	Mo	Cu	Nb	Sn	CEV				
<small>B03</small> 104910	,087	1,23	,180	,013	,019	,041	,140	,110	,022	,360	,007	,051	,36				
105392	,117	1,23	,210	,026	,014	,002	,200	,120	,017	,550	,017	,034	,41				
105393	,108	1,22	,210	,031	,016	,002	,190	,130	,016	,550	,020	,028	,40				
105394	,119	1,17	,180	,022	,015	,001	,150	,130	,015	,470	,019	,029	,39				
105395	,092	1,25	,200	,016	,012	,001	,140	,110	,018	,480	,019	,041	,37				
105396	,090	1,22	,180	,019	,014	,001	,150	,120	,015	,510	,020	,041	,37				
105398	,115	1,21	,180	,019	,020	,001	,120	,110	,016	,500	,019	,028	,38				
105399	,104	1,23	,180	,012	,022	,001	,090	,130	,019	,500	,021	,023	,37				



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MATERIAL SIZE	COLADA HEAT	PROPIEDADES MECANICAS MECHANICAL PROPERTIES					
		ReH MPa		Rm MPa		A% LO=8"	
B11	B08	C11		C12		C13	
W-12x26	105392	366	352	543	533	21,2	21,1
W-12x26	105393	366	354	540	538	21,1	21,
W-12x26	105394	378	374	547	539	21,5	20,8
W-12x26	105395	362	359	539	559	21,8	21,7
W-12x26	105396	364	358	540	559	22,8	21,2
W-12x26	105398	371	369	549	538	21,	21,5
W-12x26	105399	371	369	549	539	21,6	21,6
W-18x71	104910	390	378	496	490	23,7	23,5

8 análisis

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

B06: Marca APO

Z01

Luis María Lakunza