



QUALITY CERTIFICATE

OLA P-25428

DISCHARGE ADDRESS		CUSTOMER	
Plesa Anahuac Y Cias, S.A. de C.V. Av. Valle de las Alamedas 66-O Col. S. Francisco Chilpan, Tul MEXICO		Plesa Anahuac Y Cias, S.A. de C.V. Av. Valle de las Alamedas 66-O Col. S. Francisco Chilpan, Tul MEXICO	
SHIPPED AND CERTIFIED BY		CREDIT NUMBER	PORT OF LOADING
ARCELORMITTAL OLABERRIA 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	OYSTER
OUR REFERENCE	CONTRACT NUMBER	ORDER NUMBER	DATE
FTRUCHARTE	01-E-36011 / 1700011228	8680	29/09/2010

Material: WF Vigas,

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

ARCELORMITTAL GIPUZKOA, S.L.U. 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
+/RED							
WF BEAMS 12x22	40'	13	12	156	4790	62.270	127780,127781,127782
WF BEAMS 12x26	40'	21	10	210	4717	99.057	127802,127803,127804, 127805,127807,127848
WF BEAMS 12x30	40'	23	8	184	4355	100.165	127794,127795,127848
WF BEAMS 12x45	40'	8	6	48	4899	39.192	127788,127790
WF BEAMS 14x48	40'	8	6	48	5225	41.800	128223,128224

TOTAL BUNDLES 73 TOTAL WEIGHT 342.484 Kg.

A02 EN 10204/3.1 A03

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

(B01/B02/B03)

MATERIAL SIZE	COLADA HEAT	COMPOSICION QUIMICA (%) CHEMICAL COMPOSITION (%)													PROPIEDADES MECANICAS MECHANICAL PROPERTIES			
		C	Mn	Si	P	S	V	Cr	Ni	Mo	Cu	Nb	Sn	CEV	ReH MPa	Rm MPa	A% L0=8"	Doblad. 180°
B11	B08	C11	C12	C13	C14	C15	C16							C11	C12	C13	C50	
W-12x22	127780	,099	1,220	,200	,022	,030	,003	,190	,160	,029	,370	,030	,044	,382	396	550	24,2	
W-12x22	127781	,122	1,220	,230	,016	,014	,001	,130	,160	,028	,450	,018	,038	,398	385	551	23,4	
W-12x22	127782	,102	1,180	,200	,021	,033	,003	,120	,170	,032	,390	,027	,041	,367	387	547	23,2	
W-12x26	127802	,116	1,160	,170	,020	,031	,001	,080	,160	,024	,400	,021	,036	,368	374	543	22,3	
W-12x26	127803	,118	1,240	,180	,024	,023	,002	,190	,210	,044	,500	,026	,032	,419	371	550	22,6	
W-12x26	127804	,114	1,180	,180	,019	,012	,001	,140	,190	,032	,400	,025	,030	,385	384	544	23,6	
W-12x26	127805	,124	1,210	,180	,018	,012	,002	,140	,180	,026	,360	,029	,044	,395	376	546	21,5	



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A02 EN 10204/3.1 A03

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

(B01/B02/B03)

C70.E MATERIAL SIZE	COLADA HEAT	COMPOSICION QUIMICA (%) CHEMICAL COMPOSITION (%)													PROPIEDADES MECANICAS MECHANICAL PROPERTIES			
		C	Mn	Si	P	S	V	Cr	Ni	Mo	Cu	Nb	Sn	CEV	ReH MPa	Rm MPa	A% LO=8"	Doblad. 180°
B11	B08	C71	C72	C73	C74	C75	C76								C11	C12	C13	C50
W-12x26	127807	,115	1,190	,210	,020	,022	,001	,170	,190	,040	,380	,022	,040	,394	382	546	23,2	
W-12x26	127848	,105	1,200	,190	,027	,029	,042	,120	,180	,034	,360	,003	,044	,380	392	542	24,	
W-12x30	127794	,122	1,190	,200	,021	,019	,001	,120	,170	,022	,420	,022	,045	,388	373	550	21,4	
W-12x30	127795	,120	1,170	,200	,028	,035	,001	,150	,170	,019	,410	,025	,048	,388	374	550	22,3	
W-12x30	127848	,105	1,200	,190	,027	,029	,042	,120	,180	,034	,360	,003	,044	,380	397	539	24,1	
W-12x45	127788	,103	1,180	,190	,030	,016	,001	,200	,160	,029	,370	,019	,043	,381	376	547	22,4	
W-12x45	127790	,090	1,260	,190	,020	,016	,001	,110	,160	,027	,360	,021	,047	,362	382	533	23,2	
W-14x48	128223	,138	1,240	,240	,019	,017	,002	,170	,140	,032	,440	,024	,039	,424	370	550	23,4	
W-14x48	128224	,125	1,230	,220	,022	,018	,001	,190	,140	,025	,430	,017	,036	,411	357	548	22,7	

Z01

16 análisis

D01: Inspection - We hereby certify that the above steels have been satisfactorily tested in accordance with the specification.

B06: Marca AMO

E.M.A.L.

Ángel Martínez de Treviño