



**QUALITY CERTIFICATE**

**OLA P-24298**

DISCHARGE ADDRESS		CUSTOMER	
Lámina y Placa Comercial, S. A. de Ocampo 250 Pte. Piso 6, Letra A, Ce Monterrey MEXICO		Lámina y Placa Comercial, S. A. de Ocampo 250 Pte. Piso 6, Letra A, Ce Monterrey MEXICO	
SHIPPED AND CERTIFIED BY		CREDIT NUMBER	PORT OF LOADING
ARCELORMITTAL OLABERRIA CARRETERA MADRID - IRUN, KM. 419 20212 OLABERRIA (Gipuzkoa) TELEF. (943) 80.50.00 - FAX (943) 88.04.04			BILBAO, SPAIN
		PORT OF DISCHARGE	VESSEL
		TAMPICO	STINNES PASSAT
OUR REFERENCE	CONTRACT NUMBER	ORDER NUMBER	DATE
FTRUCHARTE	01-E-34583 / 1700010050	MEZCLA 18.01.2010	12/05/2010

Material: WF Vigas.

125566      125567

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
<b>+WHITE/BLUE</b>							
WF BEAMS 8x24	40'	33	10	330	4355	143.715	125258,125259
WF BEAMS 8x28	40'	13	10	130	5080	66.040	125256,125257
WF BEAMS 10x12	40'	37	16	666	3919	145.003	124806,124807,124808,124809,124812
WF BEAMS 12x26	40'	64	10	640	4717	301.888	124914,124915,124916,124917,124918
WF BEAMS 12x30	40'	31	8	248	4355	135.005	124930,124931,124932,124933
WF BEAMS 12x40	40'	10	6	60	4355	43.550	124790,124791,124795,124796

TOTAL BUNDLES      188      TOTAL WEIGHT      835.201 Kg.

A02 EN 10204/3.1		CSA G40.21 50W/ASTM A36-04/A572 G50-04/A992-04/A6-04													A03 (B01/B02/B03)			
C70E 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°
#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18	
W-10x12	124806	.123	1.150	.180	.020	.027	.036	.100	.180	.031	.400	.003	.027	.387	426	549	24.3	
W-10x12	124807	.102	1.200	.180	.023	.035	.042	.110	.180	.041	.460	.003	.026	.383	418	549	22.4	
W-10x12	124808	.131	1.180	.180	.025	.028	.041	.150	.180	.032	.430	.003	.029	.413	432	548	23.3	
W-10x12	124809	.127	1.210	.190	.032	.020	.047	.150	.180	.031	.400	.003	.025	.413	386	547	21.6	
W-10x12	124812	.119	1.200	.180	.034	.021	.044	.120	.170	.038	.450	.003	.038	.401	388	550	23.4	
W-12x26	124914	.101	1.230	.180	.027	.022	.041	.170	.200	.041	.410	.003	.023	.397	410	543	22.9	

AcelorMittal Gipuzkoa, S.L.U.

> Long Carbon Steel Europe

CARRETERA MADRID - IRUN, KM. 419

20212 OLABERRIA (Gipuzkoa)

TELEF. (943) 80.50.00 - FAX (943) 88.04.04



## QUALITY CERTIFICATE

OLA P-24298

A02 EN 10204/3.1		A03																	
		CSA G40.21 50W/ASTM A38-04/A572 G50-04/A992-04/A6-04																	
C70E	MATERIAL SIZE	COLADA HEAT	COMPOSICION QUIMICA (%), CHEMICAL COMPOSITION (%)												PROPIEDADES MECANICAS MECHANICAL PROPERTIES				
			C	Mn	Si	P	S	V	Cr	Ni	Mo	Cu	Nb	Bn	CEV	ReH MPa	Rm MPa	A% LO-5°	Ductid. 180°
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
W-12x26	124915		.088	1.290	.200	.016	.015	.033	.210	.230	.046	.330	.003	.031	.402	407	551	22.6	
W-12x26	124916		.107	1.250	.190	.023	.028	.049	.240	.230	.044	.390	.003	.034	.423	436	548	22.2	
W-12x26	124917		.108	1.270	.190	.021	.026	.048	.170	.210	.042	.390	.003	.027	.411	428	545	22.2	
W-12x26	124918		.114	1.210	.180	.029	.021	.044	.210	.190	.031	.400	.003	.035	.412	427	549	22.5	
W-12x30	124930		.127	1.170	.180	.022	.015	.043	.160	.200	.043	.350	.003	.034	.408	390	548	23	
W-12x30	124931		.114	1.220	.180	.022	.013	.037	.170	.200	.042	.390	.003	.035	.406	391	549	21.8	
W-12x30	124932		.105	1.260	.200	.024	.030	.043	.210	.200	.036	.370	.003	.031	.411	382	545	22.9	
W-12x30	124933		.093	1.180	.180	.027	.028	.039	.260	.180	.034	.360	.003	.024	.392	374	540	22.2	
W-12x40	124790		.101	1.190	.220	.028	.028	.046	.100	.180	.026	.380	.003	.028	.370	392	534	22.4	
W-12x40	124791		.087	1.200	.210	.025	.028	.041	.090	.150	.031	.410	.003	.029	.357	408	549	24	
W-12x40	124795		.105	1.220	.200	.030	.023	.042	.130	.170	.031	.400	.003	.032	.387	391	532	22.9	
W-12x40	124796		.115	1.140	.190	.026	.014	.033	.150	.180	.028	.430	.003	.032	.388	395	531	23.2	
W-8x24	125258		.104	1.140	.170	.017	.012	.041	.140	.140	.033	.350	.003	.047	.369	418	538	23.1	
W-8x24	125259		.078	1.260	.180	.034	.020	.041	.230	.230	.055	.330	.003	.037	.387	399	522	24.2	
W-8x28	125256		.109	1.160	.200	.022	.018	.042	.140	.180	.038	.480	.003	.039	.380	411	549	23.6	
W-8x28	125257		.090	1.130	.170	.021	.014	.040	.120	.220	.054	.390	.003	.034	.362	383	533	23.8	

### 22 análisis

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

S06: Marca AMO

201

Ángel Martínez de Treviño

122060