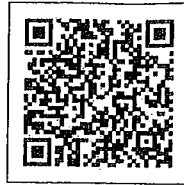


01
ArcelorMittal Gipuzkoa, S.L.U.
 Long Carbon Europe
 CARRETERA MADRID - IRUN, KM. 419
 20212 OLABERRIA (Guipúzcoa)
 TELEF. (943) 80.50.00 - FAX (943) 88.04.04



MILL TEST CERTIFICATE

OLA P-31865

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	AZORESBOURG
OUR REFERENCE	CONTRACT NUMBER	ORDER NUMBER	DATE
mcabello	01-E-41368 / 1700014549	12695	22/06/2012

Material: WF Vigas,

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

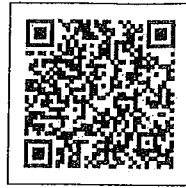
ARCELORMITTAL GIPUZKOA, S.L.U. ES/20/0040/03

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 14x53	40'	11	6	66	5748	63.230	139330,139333,139334
WF BEAMS 18x76	40'	34	3	102	4118	140.006	138436,138440,139084, 139085,139086,139087, 139088,139089,139094, 139095
WF BEAMS 21x83	40'	11	3	33	4491	49.396	139019,139020,139021, 139022

TOTAL BUNDLES 56 TOTAL WEIGHT 252.632 Kg.

COLADA HEAT	COMPOSICION QUIMICA (%) CHEMICAL COMPOSITION (%)												
	C	Mn	Si	P	S	V	Cr	Ni	Mo	Cu	Nb	Sn	CEV
138436	.109	1,160	.200	.017	.023	.037	.160	.160	.046	.410	.003	.028	.39
138440	.097	1,120	.210	.019	.018	.040	.170	.160	.035	.360	.003	.033	.37
139019	.087	1,140	.190	.016	.028	.041	.100	.130	.028	.370	.003	.037	.34
139020	.101	1,100	.240	.022	.040	.038	.120	.150	.028	.400	.003	.044	.36
139021	.100	1,130	.190	.024	.024	.041	.140	.120	.031	.390	.003	.046	.36
139022	.092	1,130	.180	.023	.023	.033	.120	.120	.028	.400	.003	.038	.35
139084	.105	1,130	.200	.019	.021	.038	.170	.160	.036	.400	.003	.049	.38
139085	.096	1,170	.200	.017	.025	.041	.170	.150	.039	.380	.003	.051	.38
139086	.090	1,150	.200	.022	.024	.041	.170	.160	.038	.370	.003	.048	.37
139087	.095	1,180	.230	.023	.020	.042	.180	.170	.042	.410	.003	.040	.38



MILL TEST CERTIFICATE

OLA P-31865

COLADA HEAT	COMPOSICION QUÍMICA (%) CHEMICAL COMPOSITION (%)																
	C	Mn	Si	P	S	V	Cr	Ni	Mo	Cu	Nb	Sn	CEV				
<i>B06</i>																	
139088	,096	1,170	,210	,030	,019	,044	,230	,170	,043	,430	,003	,033	,39				
139089	,120	1,140	,210	,026	,016	,040	,210	,170	,039	,430	,003	,042	,41				
139094	,121	1,140	,190	,015	,018	,039	,220	,200	,047	,390	,003	,033	,41				
139095	,092	1,150	,210	,014	,027	,040	,180	,210	,050	,410	,004	,042	,38				
139330	,112	1,220	,190	,011	,014	,040	,080	,120	,030	,380	,003	,054	,38				
139333	,092	1,270	,190	,017	,020	,040	,110	,130	,025	,410	,003	,042	,37				
139334	,104	1,240	,190	,017	,023	,039	,110	,120	,032	,370	,003	,045	,38				

MATERIAL SIZE	COLADA HEAT	PROPIEDADES MECANICAS MECHANICAL PROPERTIES					
		ReH MPa		Rm MPa		A% LO=8"	
<i>B11</i>	<i>B06</i>	<i>G11</i>		<i>G12</i>		<i>G13</i>	
W-14x53	139330	432	423	555	550	23,1	22,7
W-14x53	139333	399	407	527	553	22,2	22,6
W-14x53	139334	403	399	551	527	22,6	22,
W-18x76	138436	427	413	556	544	24,9	24,3
W-18x76	138440	415	413	544	526	23,9	23,4
W-18x76	139084	422	431	539	529	23,7	23,8
W-18x76	139085	429	427	572	548	23,2	23,2
W-18x76	139086	421	420	546	544	23,4	23,6
W-18x76	139087	408	400	521	505	22,8	22,4
W-18x76	139088	425	423	542	539	23,5	23,8
W-18x76	139089	405	399	546	542	23,8	23,7
W-18x76	139094	432	426	551	549	23,2	22,9
W-18x76	139095	420	402	537	527	22,8	22,
W-21x83	139019	397	388	516	502	22,9	22,2
W-21x83	139020	419	405	539	527	24,	23,4
W-21x83	139021	408	404	526	524	22,3	22,1
W-21x83	139022	419	413	548	528	23,4	22,9

17 análisis

D01: Certificamos que los aceros arriba indicados han sido satisfactoriamente probados de acuerdo con la especificación.
 B06: Marca AMO

Z01

Lorenzo Zabala