

QUALITY CERTIFICATE

APS P-6869

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 BERGARA, S.A. C/IBARRA, 6 20570 BERGARA (Guipúzcoa) TELEF. (943) 76.19.40 - FAX (943) 765243			PASAJES, SPAIN
		PORT OF DISCHARGE	VESSEL
		VERACRUZ (MEXICO)	KEN RYU
OUR REFERENCE	CONTRACT NUMBER	ORDER NUMBER	DATE
mgonzalez	E-16277 Lot: 1	OC.456	31/03/2006

Material: WF Vigas, calidad ASTM A-992

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

ARCELOR PERFILES BERGARA, S.A. ES/48/0021/03

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>/ AMARILLO</b>							
WF BEAMS 6x16	40'	10	15	150	4354	43.540	60852,60853,60854
WF BEAMS 8x10	40'	23	16	368	2903	66.769	61240,61249,61250,61255,61256,61258
WF BEAMS 8x13	40'	20	14	280	3303	66.060	61244,61246,61247
WF BEAMS 8x15	40'	17	14	238	3810	64.770	61239,61242,61243

TOTAL BUNDLES 70 TOTAL WEIGHT 241.139 Kg.

COLADA HEAT	COMPOSICION QUIMICA (%) CHEMICAL COMPOSITION (%)													CEV						
	C	Mn	Si	P	S	V	Cr	Ni	Mo	Cu	Nb	Sn								
60852	,116	,640	,169	,031	,041	,002	,073	,096	,015	,475	,011	,021	,28							
60853	,131	,622	,173	,036	,042	,002	,081	,085	,011	,474	,010	,020	,29							
60854	,114	,614	,181	,036	,027	,002	,114	,092	,012	,525	,012	,022	,28							
61239	,124	,630	,188	,030	,023	,002	,102	,100	,021	,482	,010	,038	,29							
61240	,119	,653	,207	,024	,035	,002	,064	,108	,023	,465	,010	,044	,28							
61242	,144	,641	,193	,035	,026	,003	,101	,100	,020	,472	,011	,038	,31							
61243	,124	,622	,189	,032	,027	,003	,089	,108	,025	,471	,010	,036	,29							
61244	,109	,642	,182	,026	,045	,002	,072	,100	,021	,453	,010	,037	,27							
61246	,109	,611	,181	,029	,024	,002	,078	,105	,021	,467	,011	,036	,27							
61247	,124	,641	,180	,037	,033	,003	,110	,118	,022	,526	,010	,035	,30							
61249	,134	,625	,160	,034	,027	,003	,107	,091	,018	,405	,009	,043	,30							

## QUALITY CERTIFICATE

APS P-6869

COLADA HEAT	COMPOSICION QUIMICA (%) CHEMICAL COMPOSITION (%)																	
	C	Mn	Si	P	S	V	Cr	Ni	Mo	Cu	Nb	Sn	CEV					
B06																		
61250	,113	,625	,162	,025	,036	,002	,080	,100	,021	,388	,009	,043	,27					
61255	,117	,627	,176	,028	,032	,002	,097	,087	,017	,392	,009	,044	,28					
61256	,107	,622	,165	,025	,023	,002	,125	,102	,025	,383	,010	,042	,27					
61258	,121	,619	,189	,021	,025	,002	,072	,085	,016	,366	,008	,045	,27					

  

MATERIAL SIZE	COLADA HEAT	PROPIEDADES MECANICAS MECHANICAL PROPERTIES					
		ReH MPa		Rm MPa		A% L0=2"	
B11	B06	C11		C12		C13	
W-6x16	60852	399	384	526	523	37,1	36,4
W-6x16	60853	392	388	528	510	36,2	35,3
W-6x16	60854	399	393	521	515	37,3	36,8
W-8x10	61240	400	398	539	526	31,8	31,3
W-8x10	61249	381	378	526	511	31,2	30,3
W-8x10	61250	399	387	517	501	34,8	34,1
W-8x10	61255	394	386	527	519	33,1	32,4
W-8x10	61256	392	380	524	500	33,3	32,8
W-8x10	61258	383	380	518	502	35,4	34,6
W-8x13	61244	388	386	507	500	35,1	34,4
W-8x13	61246	384	375	518	506	32,4	31,6
W-8x13	61247	406	398	534	526	34,5	33,7
W-8x15	61239	402	394	535	518	35,	34,5
W-8x15	61242	422	417	547	533	34,5	33,9
W-8x15	61243	400	390	534	522	34,8	34,2

### 15 análisis

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

Z01  
  
 Miguel Centagoya