Barrett Constructional Steel Limited
282 Cutler Heights Lane
Dudley Hill
Bradford
West Yorkshire, BD4 9HU
Tel: 01724 290950 Fax: 01724 290966
www.barrettsteel.com

Customer:	**ALPINE GROUP (1974) LIMITED**
Load Number:	
Customer Order Number:	**S3991/87763/IP**
Advice Number:	**G757206**
Material Code:	**UNIVERSAL BEAM 356 X 127 X 33**
Certificate Number:	**0013994**
Cast Number:	**162350**
Invoice Number:	

13994

A01

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

CE 09-0099 AMOL-2/08-CPR-13-1 EN 10025-1:2004

AENOR ER Empresa Registrada ER-0036/1992

ArcelorMittal

MILL TEST CERTIFICATE

OLA P-47604

DISCHARGE ADDRESS	CUSTOMER
ArcelorMittal Commercial Sections S Grove Wharf DN15-8UA Gunness (S. Humberside) GRAN BRETAÑA	**BARRETT CENTRAL DISTRIBUTION LTD** BRIGG ROAD SCUNTHORPE GRAN BRETAÑA

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		**PASAJES, SPAIN**
	PORT OF DISCHARGE	VESSEL
	GUNNESS BARRET	**LADY AMALIA**

OUR REFERENCE	CONTRACT NUMBER	ORDER NUMBER	DATE
P1704995	**E-53245/1100416765**	**J001923**	**15/12/2015**

HOT ROLLED STEEL STRUCTURALS

SIZE	LENGTH	BUNDLES	PIECES BUNDLES	TOTAL PIECES	WEIGHT BUNDLES	TOTAL WEIGHT	HEAT
Pintar Testas: VERDE Instrucciones de carga: carga con alma horizontal							
U BEAMS 356x127x33	**9,5**	**6**	**14**	**84**	**4402**	**26.412**	**162348,162350,162409**
U BEAMS 356x127x33	**16,5**	**6**	**8**	**48**	**4369**	**26.214**	**162349,162350**

TOTAL BUNDLES **12** TOTAL WEIGHT **52.626 Kg.**

A02 EN 10204/3.1 A03

S 355 J0+M - EN 10025-2/2004 SUITABLE FOR GALVANIZING (B01/B02/B03)

Tolerancias dimensionales y de forma - Tolerances on shape and dimensions : EN 10.034

C70:E

MATERIAL SIZE	COLADA HEAT	COMPOSICION QUIMICA (%) CHEMICAL COMPOSITION (%)																
		C	Mn	Si	P	S	N	V	Cr	Cu	Ni	Mo	Nb					Cev
B11	B08	C71	C72	C73	C74	C75	C76	C77	C78									
UB-356x127x33	162348	,10	,73	,19	,020	,020	,009	,047	,100	,310	,150	,029	,003					,28
UB-356x127x33	162349	,09	,74	,19	,019	,021	,009	,046	,110	,310	,150	,028	,003					,28
UB-356x127x33	162350	,09	,74	,21	,021	,023	,008	,043	,140	,330	,160	,032	,003					,29
UB-356x127x33	162409	,10	,78	,19	,026	,020	,009	,044	,210	,320	,240	,037	,003					,32

MATERIAL SIZE	COLADA HEAT	PROPIEDADES MECANICAS MECHANICAL PROPERTIES				FLEXIÓN POR CHOQUE IMPACT TEST					
		ReH MPa	Rm MPa	A% L0=5,65VSo	Doblado 180º	ºC	KV300	V1 j.	V2 j.	V3 j.	Media j.
B11	B08	C11	C12	C13	C50	C03	C40/41		C42		C43
UB-356x127x33	162348	386	498	28,2		0º	5	65	62	58	62
UB-356x127x33	162349	396	509	29,1		0º	5	76	76	64	72
UB-356x127x33	162350	412	533	27,3		0º	5	46	53	54	51
UB-356x127x33	162409	382	503	30,9		0º	5	54	40	74	56

4 análisis

Responsable del Departamento de Calidad Z01

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

B06: Marca AMO
Productos laminados en caliente de aceros para estructuras
Diseñado para ser utilizado en estructuras soldadas, atornilladas y remachadas

Lorenzo Zabala

Material: UNIVERSAL BEAM 356 X 127 X 33 - Certificate: 0013994 - Cast: 162350

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Customer:	**ALPINE GROUP (1974) LIMITED**
Load Number:	
Customer Order Number:	**S3991/87763/IP**
Advice Number:	**G757206**
Material Code:	**UNIVERSAL BEAM 356 X 127 X 33**
Certificate Number:	**0017698**
Cast Number:	**165008**
Invoice Number:	

This is a True Copy of Original Test Certificate: - 0017698 - Page: 1 of 2

Material: UNIVERSAL BEAM 356 X 127 X 33 - Certificate: 0017698 - Cast: 165008

A01 17698

ArcelorMittal Gipuzkoa, S.L.U.
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09-0099 AMOL-2/08-CPR-13-1 EN 10025-1:2004

AENOR ER Empresa Registrada ER-0036/1992

ArcelorMittal

MILL TEST CERTIFICATE

OLA P-49400

DISCHARGE ADDRESS	CUSTOMER
ArcelorMittal Commercial Sections S Grove Wharf DN15-8UA Gunness (S. Humberside) GRAN BRETAÑA	**BARRETT CENTRAL DISTRIBUTION LTD** BRIGG ROAD SCUNTHORPE GRAN BRETAÑA

SHIPPED AND CERTIFIED BY	CREDIT NUMBER	PORT OF LOADING
ARCELORMITTAL OLABERRIA CARRETERA MADRID - IRUN, KM. 419 20212 OLABERRIA (Guipuzcoa) TELEF. (943) 80.50.00 - FAX (943) 88.04.04		**PASAJES, SPAIN**
	PORT OF DISCHARGE	**VESSEL**
	GUNNESS BARRET	**ICELANDICA HAV**

OUR REFERENCE	CONTRACT NUMBER	ORDER NUMBER	DATE
P1704995	**E-65185/1100438200**	**J002424**	**29/04/2016**

HOT ROLLED STEEL STRUCTURALS

SIZE	LENGTH	BUNDLES	PIECES BUNDLES	TOTAL PIECES	WEIGHT BUNDLES	TOTAL WEIGHT	HEAT
Pintar Testas: VERDE **Instrucciones de carga: carga con alma horizontal**							
U BEAMS 356x127x33	15,5	12	8	96	4104	49.248	165006,165007
U BEAMS 356x127x33	18,3	5	8	40	4846	24.230	165011,165012,165013
U BEAMS 356x127x39	11	2	10	20	4301	8.602	164943

TOTAL BUNDLES **19** TOTAL WEIGHT **82.080 Kg.**

A02 EN 10204/3.1 A03

S 355 J0+M - EN 10025-2/2004 SUITABLE FOR GALVANIZING (B01/B02/B03)

Tolerancias dimensionales y de forma - Tolerances on shape and dimensions : EN 10.034

TYPE MATERIAL SIZE	COLADA HEAT	COMPOSICION QUIMICA (%) CHEMICAL COMPOSITION (%) C	Mn	Si	P	S	N	V	Cr	Cu	Ni	Mo	Nb						Cev
UB-356x127x33	165008	,09	,70	,21	,021	,021	,008	,047	,140	,310	,150	,035	,003						,28
UB-356x127x33	165007	,09	,75	,21	,023	,019	,008	,047	,140	,310	,150	,032	,003						,29
UB-356x127x33	165011	,10	,76	,19	,018	,022	,008	,046	,130	,280	,160	,030	,003						,30
UB-356x127x33	165012	,10	,75	,22	,020	,021	,009	,046	,190	,290	,180	,038	,003						,31
UB-356x127x33	165013	,10	,69	,20	,019	,021	,009	,044	,170	,300	,170	,039	,003						,29
UB-356x127x39	164943	,10	,75	,21	,022	,020	,008	,050	,180	,310	,170	,059	,003						,31

MATERIAL SIZE	COLADA HEAT	PROPIEDADES MECANICAS MECHANICAL PROPERTIES ReH MPa	Rm MPa	A% LO=5,65VSo	Doblado 180°	FLEXION POR CHOQUE IMPACT TEST °C	KV300	V1 j.	V2 j.	V3 j.	Media j.
UB-356x127x33	165008	389	493	37,5		0°	5	88	78	77	81
UB-356x127x33	165007	408	512	31,2		0°	5	61	55	84	67
UB-356x127x33	165011	404	515	32,9		0°	5	41	34	40	38
UB-356x127x33	165012	401	507	33,8		0°	5	63	62	79	68
UB-356x127x33	165013	391	502	33,4		0°	5	42	72	73	62
UB-356x127x39	164943	409	518	34,6		0°	7,5	104	63	95	87

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Certificate Number:	**0017698**
Cast Number:	**165008**
Invoice Number:	

Material: UNIVERSAL BEAM 356 X 127 X 33 - Certificate: 0017698 - Cast: 165008

A01

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AENOR ER Empresa Registrada ER-0036/1992

ArcelorMittal

MILL TEST CERTIFICATE

OLA P-49400
Responsable del Departamento de Calidad Z01

Lorenzo Zabala

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

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Productos laminados en caliente de aceros para estructuras
Diseñado para ser utilizado en estructuras soldadas, atornilladas y remachadas