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:	**G757863**
Material Code:	**UNIVERSAL BEAM 356 X 127 X 33**
Certificate Number:	**0017805**
Cast Number:	**165007**
Invoice Number:	

This is a True Copy of Original Test Certificate: - 0017805 - Page: 1 of 2

Material: UNIVERSAL BEAM 356 X 127 X 33 - Certificate: 0017805 - Cast: 165007

A01 17805

ArcelorMittal Gipuzkoa, S.L.U.
ArcelorMittal Europe – Long Products
CARRETERA MADRID - IRUN, KM 419
20212 OLABERRIA (Guipuzcoa)
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-49407

DISCHARGE ADDRESS	CUSTOMER
ArcelorMittal Commercial Sections S Grove Wharf DN15-8BA 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-54810/1100434488	**J002300**	**29/04/2016**

HOT ROLLED STEEL STRIP UNITS

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	12,5	5	12	60	4965	24.825	165006,165007,165009, 165010
U BEAMS 356x127x33	16,5	6	8	48	4369	26.214	165007,165009
U BEAMS 356x127x33	18,3	5	8	40	4846	24.230	165011,165012,165013
U BEAMS 356x127x33	18,3	1	5	5	3029	3.029	164108
U BEAMS 356x127x33	15,5	5	8	40	4848	24.240	164943,164944

TOTAL BUNDLES **22** TOTAL WEIGHT **102.538 Kg.**

A02 **EN 10204/3.1** A05

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

(Y)O.E MATERIAL SIZE	COLADA HEAT	COMPOSICION QUIMICA (%) CHEMICAL COMPOSITION (%) C	Mn	Si	P	S	N	V	Cr	Cu	Ni	Mo	Nb							Ceq
UB-356x127x33	164[illegible]	,09	,74	,22	,019	,024	,009	,045	,120	,400	,170	,029	,003							,29
UB-356x127x33	165[illegible]	,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	165[illegible]	,09	,76	,23	,018	,020	,008	,049	,100	,270	,140	,025	,003							,28
UB-356x127x33	165[illegible]	,08	,72	,18	,016	,021	,008	,043	,100	,260	,130	,025	,003							,26
UB-356x127x33	165[illegible]	,10	,76	,19	,018	,022	,008	,046	,130	,280	,160	,030	,003							,30
UB-356x127x33	165[illegible]	,10	,75	,22	,020	,021	,009	,046	,190	,290	,180	,038	,003							,31
UB-356x127x33	165[illegible]	,10	,69	,20	,019	,021	,009	,044	,170	,300	,170	,039	,003							,29
UB-356x127x39	164[illegible]	,10	,75	,21	,022	,020	,008	,050	,180	,310	,170	,059	,003							,31
UB-356x127x39	164[illegible]	,10	,75	,17	,017	,025	,008	,045	,120	,270	,170	,040	,003							,30

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:	**G757863**
Material Code:	**UNIVERSAL BEAM 356 X 127 X 33**
Certificate Number:	**0017805**
Cast Number:	**165007**
Invoice Number:	

This is a True Copy of Original Test Certificate: - 0017805 - Page: 2 of 2

Material: UNIVERSAL BEAM 356 X 127 X 33 - Certificate: 0017805 - Cast: 165007

A01

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

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-49407

MATERIAL SIZE	COLADA HEAT	PROPIEDADES MECANICAS MECHANICAL PROPERTIES				FLEXIÓN POR CHOQUE IMPACT TEST					
		ReH MPa	Rm MPa	A% L0=5,65VSo	Doblado 180º	°C	KV300	V1 j.	V2 j.	V3 j.	Media j.
B11	B05	C11	C12	C13	C50	C03	C40/41	C42			C43
UB-356x127x33	164103	404	519	31,5		0º	5	70	55	60	62
UB-356x127x33	165005	389	493	37,5		0º	5	88	78	77	81
UB-356x127x33	165007	408	512	31,2		0º	5	61	55	84	67
UB-356x127x33	165009	420	531	32,4		0º	5	37	34	34	35
UB-356x127x33	165010	377	487	33,1		0º	5	80	52	69	67
UB-356x127x33	165011	404	515	32,9		0º	5	41	34	40	38
UB-356x127x33	165012	401	507	33,8		0º	5	63	62	79	68
UB-356x127x33	165013	391	502	33,4		0º	5	42	72	73	62
UB-356x127x39	164943	409	518	34,6		0º	7,5	104	63	95	87
UB-356x127x39	164944	394	508	36,4		0º	7,5	107	120	113	113

10 análisis

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

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

Responsable del Departamento de Calidad Z01

Lorenzo Zabala