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

ALPINE GROUP (1974) LIMITED
Customer:
Load Number: S3991/87421/IP
Customer Order Number: G751609
Advice Number:
Material Code: EQUAL ANGLE 60MM X 60MM X 6MM
Certificate Number: 0126690
Cast Number: 11363
Invoice Number:

This is a True Copy of Original Test Certificate: - 0126690 - Page: 1 of 2

Laminés Marchands Européens
2, rue Emile Zola - 59125 Trith Saint Léger - France
Tél +33 (0)3 27 14 20 20 Fax +33 (0)3 27 14 20 10
S.A. au Capital de €72.455.202 - RCS Valenciennes B 568 801 013
N° SIRET 568 801 013 00018 - N° d'identification à la TVA FR 03 568 801 013
contact@lme.fr - www.gruppobeltrame.com

CE
0398

Steel from electric arc furnace

Environmental product declaration : ICQM - 14011EPD

BARRETT STEEL LTD 126690 Pag. 1/ 4
CUTLER HEIGHTS LANE
GB BD49HU BRADFORD -

AGENT ORDER N. 178/1099003
CUSTOMER CODE 8412
CUSTOMER ORDER N. B106542
CONSIGNEE BARRETT STEEL LTD
GRADE S275JR+AR

INSPECTION DOCUMENT N.: 847272
OFFICIAL REGULATION: EN 10025-2

INSPECTION CERTIFICATE 3.1 - EN10204
ENCLOSE CERTIFICATION CE

LOADING NUMBER: 319728 LOADING DATE: 30/11/2015 INTERNAL ORDER: E 816674

IT.	CAST	SECTION	DIMENSIONS mm	CE	LENGTH mt	C	Si	Mn	P	S	Cu	Cr	Ni	V	Mo	Ti	Nb	N	Ceq	Al
2	LM 11363	ANGLE	60X60X6	0398	6,00	0,11	0,25	0,69	0,022	0,035	0,33	0,20	0,14	0,003	0,03	0,0018	0,001	0,0117	0,30	0,0023
3	LM 11577	ANGLE	30X30X5	0398	6,00	0,09	0,18	0,58	0,011	0,034	0,29	0,15	0,14	0,003	0,03	0,0017	0,001	0,0117	0,26	0,0012
4	LM 11035	FLAT	25X8	0398	6,00	0,10	0,18	0,71	0,034	0,034	0,33	0,19	0,15	0,010	0,03	0,0016	0,001	0,0112	0,29	0,0013
5	LM 11642	FLAT	30X6	0398	6,00	0,09	0,16	0,59	0,020	0,034	0,27	0,13	0,11	0,003	0,02	0,0016	0,001	0,0067	0,24	0,0016
6	LM 11447	FLAT	30X15	0398	6,00	0,08	0,16	0,58	0,019	0,027	0,26	0,11	0,12	0,003	0,02	0,0014	0,001	0,0094	0,23	0,0012
7	LM 98593	FLAT	60X10	0398	6,00	0,10	0,19	0,59	0,012	0,031	0,27	0,15	0,16	0,003	0,03	0,0012	0,001	0,0108	0,26	0,0016
8	LM 10336	FLAT	60X15	0398	6,00	0,09	0,18	0,59	0,021	0,034	0,30	0,12	0,10	0,002	0,02	0,0013	0,001	0,0073	0,24	0,0025
9	LM 10371	FLAT	70X10	0398	6,00	0,09	0,19	0,52	0,017	0,032	0,33	0,11	0,14	0,003	0,03	0,0012	0,001	0,0089	0,24	0,0011

IT.	CAST	ORIGIN	PRODUCT REGULATION	TEST NUM	Bdls n.	WEIGHT Kg	TENSILE TEST ReH/MPa	Rm/MPa	A5%	IMPACT TEST Z%	Kv/Kcu 300/10 J	°C	RATIO REDUC.	BEND TEST <	D	GRAIN	HARDNESS	INSPECTION SUP. INSIDE	ANTI MIX.
2	LM 11363	TRITH	EN 10056-2	2042983	2	4.524	308	458	32,3										
3	LM 11577	TRITH	EN 10056-2	2043263	1	2.759	311	439	33,1										
4	LM 11035	TRITH	EN 10058	2042108	1	2.351	296	451	33,9										
5	LM 11642	TRITH	EN 10058	2043596	1	2.448	313	439	33,1										
6	LM 11447	TRITH	EN 10058	2043027	1	2.327	285	408	34,6										
7	LM 98593	TRITH	EN 10058	2039277	1	2.368	306	429	32,0										
8	LM 10336	TRITH	EN 10058	2040705	1	2.104	310	460	35,0										
9	LM 10371	TRITH	EN 10058	2040764	1	2.404	315	443	33,0										

INSPECTOR	FACTORY	DATE	QUALITY CONTROL DEPT	QUALITY ASSURANCE DEPT
	TRITH ST LEGER	30/11/15	Julien Hermand	Sébastien Crom

GRUPPO BELTRAME

Material: EQUAL ANGLE 60MM X 60MM X 6MM - Certificate: 0126690 - Cast: 11363

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: S3991/87421/IP
Advice Number: G751609

Material Code: EQUAL ANGLE 60MM X 60MM X 6MM
Certificate Number: 0126690
Cast Number: 11363
Invoice Number:

This is a True Copy of Original Test Certificate: - 0126690 - Page: 2 of 2

Laminés Marchands Européens
2, rue Emile Zola - 59125 Trith Saint Léger - France
Tél +33 (0)3 27 14 20 20 Fax +33 (0)3 27 14 20 10
S.A. au Capital de €72.455.202 - RCS Valenciennes B 568 801 013
N° SIRET 568 801 013 00018 - N° d'identification à la TVA FR 03 568 801 013
contact@lme.fr - www.gruppobeltrame.com

CE 0398

MARQUAGE DE CONFORMITE' CE
CE CONFORMITY MARKING

BARRETT STEEL LTD
CUTLER HEIGHTS LANE
GB BD49HU BRADFORD -

INSPECTION DOCUMENT N.: 847272
S275JR+AR - EN 10025-2

LME DECLARE QUE LES PRODUITS INDIQUES SONT CONFORMES AUX EXIGENCES PREVUES PAR LA LEGISLATION
LME DECLARES THAT THE SUITABLE PRODUCTS ARE CONFORMING TO THE REQUISITE FORESEEN BY THE LEGISLATION

EN 10025-1 PRODUITS EN ACIER LAMINES A CHAUD HOT ROLLED STRUCTURAL STEEL PRODUCTS USAGE: STRUCTURES METALLIQUES STRUCTURES MIXTES ACIER BETON USE: METALLIC STRUCTURES MIXED STEEL-CONCRETE STRUCTURE	Elongation - Elongation Résistance à la traction - Tensile Strength Limite d'élasticité - Yeld Strength Résistance aux chocs - Impact Strength Soudabilité - Weldability Durabilité - Durability: Composition chimique - Chemical composition	Comme indiqué sur DOP As indicated in the DOP

Usine Factory	Adresse Address	Année Year	Certificat de contrôle de la production Production Control Certificate
TRITH ST LEGER	Rue Emile Zola	15	CE 0398 0398/CPD/MP/06.002/02

GRUPPO ARV BELTRAME

Material: EQUAL ANGLE 60MM X 60MM X 6MM - Certificate: 0126690 - Cast: 11363

Material: UNEQUAL ANGLE 150MM X 90MM X 10MM - Certificate: 0012616 - Cast: 92201

12616

DEMİRSAN
HADDECİLİK SAN. ve TİC.A.Ş

MILL TEST CERTIFICATE

ACC. TO EN 10204/3.1 (as per DIN 50049 Certificate on material tests-3.1) & EN 10168

DOCUMENT FR-50
ENF. DATE : 09.05.2006
Rev. No: 03/ 19/03/2011
ISSUE DATE 29/09/2015
PAGE : 1/1

Head Office: Rihtim Caddesi Nemlizade Sokak Baysal Apartmanı No.2 Kat.4 Kadikoy, Istanbul, Turkey
Customer: BARRETT STEEL LIMITED
Order No & Purchase No: ST 4998 / J001690/01
Descp of Goods: PRIME HOT ROLLED STEEL UNIVERSAL BEAMS. CONDITION OF DELIVERY AS ROLLED

DIMENSION CONTROL STANDARD EN 10056

S355J0 ACC.TO EN 10025

TEST RESULTS

Description of Delivery				Mechanical Properties			Product Analysis / Chemical Composition (%)										IMPACT TEST RESULT		
Heat No	Quality	Section Symbol	Length (m)	Tensile Test (N/mm2)	Yield Point (N/mm2)	Elongation LO=5.65 So½ (%)	C	Mn	Si	S	P	Cu	Al	N	CEQ	Average	1. (j)	2. (j)	3. (j)
29205	S355J0	UEA 150X75X10	12.20	550	375	32	0.19	1.31	0.18	0.0205	0.0225	0.0386	0.0009	0.0093	0.41	39.00	41	39	37
92201	S355J0	UEA 150X90X10	8.00	550	387	31	0.18	1.48	0.20	0.0074	0.0220	0.0234	0.0216	0.0054	0.43	35.33	36	35	35
92201	S355J0	UEA 150X90X10	12.20	550	387	31	0.18	1.48	0.20	0.0074	0.0220	0.0234	0.0216	0.0054	0.43	35.33	36	35	35
19154	S355J0	UEA 200X100X10	8.00	563	392	32	0.14	1.46	0.20	0.0068	0.0173	0.0206	0.0217	0.0020	0.39	38.00	35	39	40
19154	S355J0	UEA 200X100X10	12.20	563	392	32	0.14	1.46	0.20	0.0068	0.0173	0.0206	0.0217	0.0020	0.39	38.00	35	39	40
29201	S355J0	UEA 150X90X12	12.20	555	375	31	0.15	1.38	0.16	0.0149	0.0159	0.3350	0.0002	0.0084	0.43	36.00	38	34	36
88102	S355J0	UEA 200X150X12	12.20	552	374	31	0.12	1.26	0.17	0.0043	0.0203	0.0113	0.0205	0.0005	0.34	42.00	42	44	40
16207	S355J0	EA 150X150X10	12.20	544	364	32	0.17	1.32	0.22	0.0025	0.0168	0.1360	0.0285	0.0022	0.41	37.00	37	35	39
44205	S355J0	EA 150X150X12	12.20	555	362	31	0.17	1.29	0.22	0.0029	0.0167	0.1360	0.0301	0.0034	0.40	39.66	37	42	40
14580	S355J0	EA 150x150x15	12.20	549	388	31	0.13	1.45	0.18	0.0039	0.0185	0.0386	0.0226	0.0040	0.38	35.66	34	38	35
16701	S355J0	EA 200X200X16	12.20	530	375	32	0.15	1.34	0.19	0.0030	0.0162	0.1950	0.0223	0.0076	0.41	34.00	34	32	36
67203	S355J0	EA 200X200X20	12.20	526	362	31	0.17	1.37	0.21	0.0041	0.0088	0.0727	0.0309	0.0074	0.41	35.00	33	37	35

NOTES :

CEQ=C+Mn/6+ (Cr+Mo+V)/5+(Ni+Cu)/15
CHEMICAL AND MECHANICAL VALUES ARE SUITABLE FOR CONSTRUCTION BEAMS
CE MARKING FPC CERTIFICATE NUMBER: 2344 - CPD - 0003

CE MARKING
CE
2344

WE HEREBY CERTIFY THAT THE MATERIAL HAS BEEN MADE AND TESTED IN ACCORDANCE WITH THE ABOVE SPECIFICATION AND ALSO WITH THE REQUIREMENTS CALLED FOR BY THE ABOVE ORDER

PRODUCTION PLANNING & QUALITY GUARANTEE CHIEF
Erkan ÖZKAN

SIGN

This is a True Copy of Original Test Certificate: - 0012616 - Page: 1 of 1

BARRETT Constructional Steel

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: S3991/87421/IP
Advice Number: G751609

Material Code: UNEQUAL ANGLE 150MM X 90MM X 10MM
Certificate Number: 0012616
Cast Number: 92201
Invoice Number:

Material: UNEQUAL ANGLE 150MM X 90MM X 10MM - Certificate: 0012616 - Cast: 92201

12616

DEMİRSAN
HADDECİLİK SAN. ve TİC.A.Ş

MILL TEST CERTIFICATE

ACC. TO EN 10204/3.1 (as per DIN 50049 Certificate on material tests-3.1) & EN 10168

DOCUMENT FR-50
ENF. DATE : 09.05.2006
Rev. No: 03/ 19/03/2011
ISSUE DATE 29/09/2015
PAGE : 1/1

Head Office: Rihtim Caddesi Nemlizade Sokak Baysal Apartmanı No.2 Kat.4 Kadikoy, Istanbul, Turkey
Customer: BARRETT STEEL LIMITED
Order No & Purchase No: ST 4998 / J001690/01
Descp of Goods: PRIME HOT ROLLED STEEL UNIVERSAL BEAMS. CONDITION OF DELIVERY AS ROLLED

DIMENSION CONTROL STANDARD EN 10056

S355J0 ACC.TO EN 10025

TEST RESULTS

Description of Delivery				Mechanical Properties			Product Analysis / Chemical Composition (%)										IMPACT TEST RESULT		
Heat No	Quality	Section Symbol	Length (m)	Tensile Test (N/mm2)	Yield Point (N/mm2)	Elongation LO=5.65 So½ (%)	C	Mn	Si	S	P	Cu	Al	N	CEQ	Average	1. (j)	2. (j)	3. (j)
29205	S355J0	UEA 150X75X10	12.20	550	375	32	0.19	1.31	0.18	0.0205	0.0225	0.0386	0.0009	0.0093	0.41	39.00	41	39	37
92201	S355J0	UEA 150X90X10	8.00	550	387	31	0.18	1.48	0.20	0.0074	0.0220	0.0234	0.0216	0.0054	0.43	35.33	36	35	35
92201	S355J0	UEA 150X90X10	12.20	550	387	31	0.18	1.48	0.20	0.0074	0.0220	0.0234	0.0216	0.0054	0.43	35.33	36	35	35
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16207	S355J0	EA 150X150X10	12.20	544	364	32	0.17	1.32	0.22	0.0025	0.0168	0.1360	0.0285	0.0022	0.41	37.00	37	35	39
44205	S355J0	EA 150X150X12	12.20	555	362	31	0.17	1.29	0.22	0.0029	0.0167	0.1360	0.0301	0.0034	0.40	39.66	37	42	40
14580	S355J0	EA 150x150x15	12.20	549	388	31	0.13	1.45	0.18	0.0039	0.0185	0.0386	0.0226	0.0040	0.38	35.66	34	38	35
16701	S355J0	EA 200X200X16	12.20	530	375	32	0.15	1.34	0.19	0.0030	0.0162	0.1950	0.0223	0.0076	0.41	34.00	34	32	36
67203	S355J0	EA 200X200X20	12.20	526	362	31	0.17	1.37	0.21	0.0041	0.0088	0.0727	0.0309	0.0074	0.41	35.00	33	37	35

NOTES :

CEQ=C+Mn/6+ (Cr+Mo+V)/5+(Ni+Cu)/15
CHEMICAL AND MECHANICAL VALUES ARE SUITABLE FOR CONSTRUCTION BEAMS
CE MARKING FPC CERTIFICATE NUMBER: 2344 - CPD - 0003

CE MARKING
CE
2344

WE HEREBY CERTIFY THAT THE MATERIAL HAS BEEN MADE AND TESTED IN ACCORDANCE WITH THE ABOVE SPECIFICATION AND ALSO WITH THE REQUIREMENTS CALLED FOR BY THE ABOVE ORDER

PRODUCTION PLANNING & QUALITY GUARANTEE CHIEF
Erkan ÖZKAN

SIGN

This is a True Copy of Original Test Certificate: - 0012616 - Page: 1 of 1

BARRETT Constructional Steel

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: S3991/87421/IP
Advice Number: G751609

Material Code: UNEQUAL ANGLE 150MM X 90MM X 10MM
Certificate Number: 0012616
Cast Number: 92201
Invoice Number:

ALPINE GROUP (1974) LIMITED
Customer:
Load Number: S3991/87421/IP
Customer Order Number: G751609
Advice Number:
Material Code: EQUAL ANGLE 70MM X 70MM X 8MM
Certificate Number: 0126633
Cast Number: CM102115
Invoice Number:

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

This is a True Copy of Original Test Certificate: - 0126633 - Page: 1 of 1

CELSA STEEL UK
OFFICES: Build. 58, Castle Works, East Moors Road
CF24 5NN Cardiff (United Kingdom)

CELSA GROUP
CELSA MANUFACTURING UK

CARES QUALITY SYSTEMS ISO 9001 2008 — UKAS QUALITY MANAGEMENT Certificate Number 1100

126633

CE
LRV ID N: 0038
06
Cert No: 0038/CPR/LRQ4002811/1
DOP: CELSAUK001 EN10025
Hot rolled structural steel products

INSPECTION CERTIFICATE
BS-EN 10204-2004, Type 3.1

Standard
BS-EN 10025-2004

Customer:
BARRETT STEEL LTD
Barrett House
CUTLER HEIGHTS LANE
DUDLEY HILL
BD4 9HU BRADFORD
United Kingdom

Destination:
BARRETT STEEL LTD
Barrett House
CUTLER HEIGHTS LANE
DUDLEY HILL
BD4 9HU BRADFORD
United Kingdom

Delivery number: 2550005740
Order number :15659858
Your order :B106504

MATERIAL	CAST	C	MN	SI	S	P	Cr	N	Ni	Cu	Mo	V	CE	Reh	Rm	A 5.65	T	Res1	Res2	Res3	Res Av
Hot rolled structural steel products		%	%	%	%	%	%	%	%	%	%	%	%	MPA	MPA	%	°C	J	J	J	J
S275JR+AR 100X100X8 6M	CM101569	0.09	0.56	0.16	0.024	0.021	0.092	0.010	0.13	0.47	0.018	0.000	0.249	298	426	36.4					
S275JR+AR 100X100X8 6M	CM101569	0.09	0.56	0.16	0.024	0.021	0.092	0.010	0.13	0.47	0.018	0.000	0.249	297	416	35.2					
S275JR +AR L 70X8 L.12.0m	CM102115	0.09	0.52	0.16	0.023	0.022	0.114	0.010	0.12	0.42	0.020	0.000	0.241	300	440	38.1					
S275JR +AR L 70X8 L.12.0m	CM102115	0.09	0.52	0.16	0.023	0.022	0.114	0.010	0.12	0.42	0.020	0.000	0.241	298	438	37.4					
S275JR +AR L 70X8 L.12.0m	CM102115	0.09	0.52	0.16	0.023	0.022	0.114	0.010	0.12	0.42	0.020	0.000	0.241	295	429	38.2					
S275JR +AR L 70X8 L.12.0m	CM102115	0.09	0.52	0.16	0.023	0.022	0.114	0.010	0.12	0.42	0.020	0.000	0.241	309	455	37.3					
S275JR +AR L 70X8 L.12.0m	CM102115	0.09	0.52	0.16	0.023	0.022	0.114	0.010	0.12	0.42	0.020	0.000	0.241	310	442	34.9					
S 275 JR +AR L90X10 L.12.00	CM103168	0.10	0.57	0.16	0.033	0.022	0.094	0.011	0.11	0.46	0.014	0.000	0.256	315	445	35.4					
S 275 JR +AR L90X10 L.12.00	CM103168	0.10	0.57	0.16	0.033	0.022	0.094	0.011	0.11	0.46	0.014	0.000	0.256	308	446	34.7					
S 275 JR +AR L90X10 L.12.00	CM103168	0.10	0.57	0.16	0.033	0.022	0.094	0.011	0.11	0.46	0.014										

The materials has been evaluated and radiation is within national limits

Product suitable for galvanizing: 0.14<=Si<=0.25 & P<=0.035.

Steel making process -
Electric arc

Certified that the material detailed hereon meets the requirements of the specified standard.
Cardiff, 23.11.2015

Stuart Thomas
Quality Manager

CELSA STEEL UK
OFFICES: Build. 58, Castle Works, East Moors Road
CF24 5NN Cardiff (United Kingdom)

CELSA GROUP

CELSA MANUFACTURING UK

CARES QUALITY SYSTEMS ISO 9001 2008 — UKAS QUALITY MANAGEMENT Certificate Number 1100

126695

CE
LRV ID N: 0038
06
Cert No: 0038/CPR/LRQ4002811/1
DOP: CELSAUK001 EN10025
Hot rolled structural steel products

INSPECTION CERTIFICATE
BS-EN 10204-2004, Type 3.1

Standard
BS-EN 10025-2004

Customer:
BARRETT STEEL LTD
Barrett House
CUTLER HEIGHTS LANE
DUDLEY HILL
BD4 9HU BRADFORD
United Kingdom

Destination:
BARRETT STEEL LTD
Barrett House
CUTLER HEIGHTS LANE
DUDLEY HILL
BD4 9HU BRADFORD
United Kingdom

Delivery number: 2550006722
Order number :15659858
Your order :B106504

MATERIAL Hot rolled structural steel products	CAST	C %	MN %	SI %	S %	P %	Cr %	N %	Ni %	Cu %	Mo %	V %	CE %	ReH MPA	Rm MPA	A 5.65 %	T °C	Res1 J	Res2 J	Res3 J	Res Av J
S 275 JR L 70X8 L.6.00 m	CM103298	0.11	0.55	0.16	0.023	0.021	0.098	0.010	0.13	0.40	0.014	0.000	0.258	323	470	39.6					

The materials has been evaluated and radiation is within national limits
Product suitable for galvanizing: 0.14<=Si<=0.25 & P<=0.035.

Steel making process -
Electric arc

Certified that the material detailed hereon meets the requirements of the specified standard.
Cardiff, 02.12.2015

Stuart Thomas
Quality Manager

ALPINE GROUP (1974) LIMITED
Customer:
Load Number: S3991/87421/IP
Customer Order Number: G751609
Advice Number:
Material Code: EQUAL ANGLE 70MM X 70MM X 8MM
Certificate Number: 0126695
Cast Number: CM103298
Invoice Number:

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

BARRETT Constructional Steel

This is a True Copy of Original Test Certificate: - 0126695 - Page: 1 of 1

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: S3991/87421/IP
Customer Order Number: G751609
Advice Number:
Material Code: UNEQUAL ANGLE 125MM X 75MM X 8MM
Certificate Number: 0127118
Cast Number: CM099609
Invoice Number:

This is a True Copy of Original Test Certificate: - 0127118 - Page: 1 of 1

CELSA STEEL UK
OFFICES: Build. 58, Castle Works, East Moors Road
CF24 5NN Cardiff (United Kingdom)

CELSA GROUP
CELSA MANUFACTURING UK

CARES QUALITY SYSTEMS ISO 9001 2000 1100
UKAS QUALITY MANAGEMENT Certificate Number

127118

CE
LRV ID N: 0038
06
Cert No: 0038/CPR/LRQ4002811/1
DOP: CELSAUK001 EN10025
Hot rolled structural steel products

INSPECTION CERTIFICATE
BS-EN 10204-2004, Type 3.1

Standard
BS-EN 10025-2004

Customer:
BARRETT STEEL LTD
Barrett House
CUTLER HEIGHTS LANE
DUDLEY HILL
BD4 9HU BRADFORD
United Kingdom

Destination:
BARRETT STEEL LTD
Barrett House
CUTLER HEIGHTS LANE
DUDLEY HILL
BD4 9HU BRADFORD
United Kingdom

Delivery number: 2550011120
Order number :15661554
Your order :b106791

MATERIAL	CAST	C	MN	SI	S	P	Cr	N	Ni	Cu	Mo	V	CE	Reh	Rm	A 5.65	T	Res1	Res2	Res3	Res Av
Hot rolled structural steel products		%	%	%	%	%	%	%	%	%	%	%	%	MPA	MPA	%	°C	J	J	J	J
S275JR+AR L125X75X10 L12m	CM096761	0.09	0.63	0.14	0.030	0.024	0.124	0.012	0.12	0.49	0.018	0.000	0.267	322	459	41.7					
S275JR+AR L125X75X10 L12m	CM096761	0.09	0.63	0.14	0.030	0.024	0.124	0.012	0.12	0.49	0.018	0.000	0.267	322	456	41.9					
S275JR+AR L125X75X10 L12m	CM096761	0.09	0.63	0.14	0.030	0.024	0.124	0.012	0.12	0.49	0.018	0.000	0.267	328	465	41.9					
S275JR+AR L125X75X10 L12m	CM096761	0.09	0.63	0.14	0.030	0.024	0.124	0.012	0.12	0.49	0.018	0.000	0.267	327	457	42.1					
S275JR+AR L125X75X10 L12m	CM101466	0.09	0.55	0.18	0.028	0.027	0.105	0.010	0.12	0.43	0.018	0.000	0.245	312	446	40.9					
S275JR+AR L125X75X10 L12m	CM101466	0.09	0.55	0.18	0.028	0.027	0.105	0.010	0.12	0.43	0.018	0.000	0.245	310	451	41.6					
S275JR+AR L125X75X8 L6m	CM099609	0.11	0.55	0.14	0.026	0.017	0.112	0.009	0.13	0.36	0.021	0.001	0.262	311	444						
S275JR+AR L125X75X8 L6m	CM099609	0.11	0.55	0.14	0.026	0.017	0.112	0.009	0.13	0.36	0.021	0.001	0.262	310	444	42.6					
S275JR+AR L125X75X8 L6m	CM099609	0.11	0.55	0.14	0.026	0.017	0.112	0.009	0.13	0.36	0.021	0.001	0.262	310	446	43.0					

The materials has been evaluated and radiation is within national limits
Product suitable for galvanizing: 0.14<=Si<=0.25 & P<=0.035.

Steel making process -
Electric arc

Certified that the material detailed hereon meets the requirements of the specified standard.
Cardiff, 18.01.2016

Stuart Thomas
Quality Manager

Material: UNEQUAL ANGLE 125MM X 75MM X 8MM - Certificate: 0127118 - Cast: CM099609