

DOCUMENT NO.

HI-2596.

Hy-Tek (ENGINEERING SERVICES) LTD.TOOLMAKERS—INSTRUMENT MANUFACTURERS AND PRECISION ENGINEERS
MANUFACTURERS OF SPECIAL PURPOSE MACHINERY
WELDING AND FABRICATION

Telephone: (0493) 855345

Fax: (0493) 854907

Registered Office and Works:

MAIN CROSS ROAD

GREAT YARMOUTH

NORFOLK NR30 3PD

CONTRACT NO.:.....9525.....

CONSIGNEE:.....S.M.D - HYDROVISION LIMITED.....

ADDRESS: WINCOMBLEE RD., WALKER, NEWCASTLE-UPON-TYNE..

ORDER NO.:.....58768.....

Certificate of Conformance

DESCRIPTION	QTY	SPEC/DRG. NUMBER & ISSUE NUMBER	IDENTIFICATION SERIAL Nos.	BATCH No.	CAST No.	TEST REPORT Nos.
BRACKET - HPU MOUNT.	4.	AB6994.1SS.O.				118971
BRACKET - JUNCTION BOX MOUNT.	2.	AB5625.1SS.O.				118644 118781
CONDITIONS OF MATERIALS AS DESPATCHED						
MTI' CERT' ENCLOSED.						
DETAILED RECOMMENDATIONS FOR SUBSEQUENT HEAT TREATMENT(S) WHERE SUCH IS NOT STIPULATED IN THE RELEVANT SPECIFICATION						
DEVIATIONS (EG. MAJOR CONCESSIONS OR PRODUCTION PERMITS).						
DYE-PEN' CERT' FOR ITEM.2 TO FOLLOW.						

THE ITEMS ON DELIVERY NOTE No. Y.34033. HAVE BEEN INSPECTED AND TESTED TO THE DRAWING/PART AND/OR SPECIFICATION NUMBER LISTED ABOVE AND HAVE BEEN FOUND TO CONFORM IN ALL RESPECTS TO THE REQUIREMENTS OF THE ORDER. FURTHERMORE, THE RAW MATERIALS AND/OR PARTS HAVE BEEN OBTAINED FROM THE APPROVED SOURCES SUPPORTED BY RELEASE NOTES/APPROVED CERTIFICATES WHEN REQUIRED.

SIGNED:.....A.V. Smith.....

POSITION: INSPECTOR

FOR & ON BEHALF OF: HY-TEK(ENG. SERVICES) LTD

DISTRIBUTION:—

DATE:31-10-07.....

Atn Chio

S.C. ALRO S.A. SLATINA	CERTIFIED SRAC-IQNet ISO 9001/2001 No. 23/2-2005	INSPECTION CERTIFICATE	EN 10204 3.1	No. 1116
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CUSTOMER : E-METALS LTD

CONTRACT/ORDER : 2071 AB/8591

BILL OF DELIVERY : 71470

TRUCK/CONTAINER : B 140143 / B 140108

MATERIAL : ALUMINIUM SHEETS

ALLOY : EN AW-6082

TEMPER: T6

DIMENSIONS (mm) : HN003 - 5X1250X2500
LN012 - 6X1250X2500

ACCORDING TO : EN 485 - 515 - 573

MECHANICAL PROPRIETES				1 MPa = 1 N/mm2 = 0.145 ksi = 0.102 kgf/mm2				
1 lbs = 0.4536 kg			Rm		Rp0.2		Elong. %	Hardness
			Mpa		Mpa		50mm	HB
			min.	max.	min.	max.	min.	min.
Specified values:			310		260		10	
LOT / BATCH	CASE	NET WEIGHT kg	Measured values:					
HN003	30	1066	338		327		11	
HN003			334		322		11	
LN012	28;29	2066	359		335		10	
LN012			359		336		10	

CHEMICAL COMPOSITION %										
BATCH	SI	Fe	Cu	Mn	Mg	Cr	Zn	NI	TI	Al
HN003	0.94	0.22	0.004	0.4	1.11	0.017	0.013	0.005	0.011	REM.
LN012	1.02	0.49	0.08	0.45	0.75	0.043	0.048	0.004	0.01	REM.
Min.	0.7			0.4	0.6					REM.
Max.	1.3	0.5	0.1	1	1.2	0.25	0.2	0.05	0.1	
Cond.				Others Each: 0.05				Others Total: 0.15		

REMARKS:

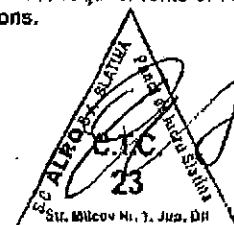
We hereby certify that the material detailed hereon has been produced and tested according to the requirements of the relevant specification and/or order. Keep in dry conditions, without large temperatures variations.

Date: QUALITY CONTROL DEPT.

2/20/2007

cod F-PS-08-04/3 Rev.5

S.C. ALRO S.A. SLATINA
Punct de lucru Slatina
Str. Milcov Nr. 1, Jud. Olt
Sery. CTC Laborator
Al. Producet



01562820465



HYDRO

Bedwas

CERTIFICATE No. 311525-01 Delivery date

Page 1 25/09/07

MECHANICAL AND CHEMICAL CERTIFICATE - BS EN 10204 TYPE 3.1B

Deliver To

A/C N Customer ref.

07012 11718-11722

Customer Part No.
2 X 1/4 EQUAL ANG

KE-142813-01-03

Alloy : 6082 T6		Chemical analysis								
Cast No	Length	Si	Fe	Cu	Mn	Mg	Zn	Zr	Ti	Cr
156709	5.0000	.98	.18	.02	.53	.66	.01	.00	.02	.00

255 295 7.00

Cast No	Result No	Proof 0.2	UTS	Elongation
156709	01	279 N/mm2	316 N/mm2	11.00

Test method : BS EN 10002-1 Tested by : SMITH

This certifies that, unless otherwise stated, the supplies detailed hereon have been manufactured, inspected and tested in accordance with the specification and requirements of the contract or purchase order and conform fully with these requirements.

National Standard applied where relevant are the current versions of:-
BS1139, BSEN515, BSEN573-3, BSEN755

Hydro Order 606635 01 Hydro Reference XAN0501

TOTAL PACKS	TOTAL WEIGHT	TOTAL QUANTITY
3	1558.00	191

Authorised by (on behalf of Hydro Aluminium Extrusion Ltd.)

Date
25/09/07

BEDWAS PLANT
Pentglas Industrial Estate,
Bedwas, Caerphilly CF83 8DR
Telephone: 0870 777 2262
Fax: 029 2086 3728
Registered in England No. 961843

BIRTLEY PLANT
Durham Road,
Birtley, Chester-le-Street,
County Durham DH3 2AH
Telephone: 0870 777 2261
Fax: 0870 777 2257
www.haeuk.hydro.com

GLOUCESTER PLANT
11a Barnell Way,
Barnwood Fields Business Park,
Gloucester GL4 3QA
Telephone: 01452 634070
Fax: 01452 621542
sales.haeuk@hydro.com

T18971

51547



T186244

Hy-tek (Engineering Services) Limited
Main Cross Road
Great Yarmouth
Norfolk
NR30 3PD

CERTIFICATE OF CONFORMITY

Certificate No.....: 340972 / 7 / 857812
Customer Purchase Order No: Y48493
MetalFast Delivery Note No: 857812
Despatch Date.....: 20/04/07
Description.....: ALUM ALLOY ANGLE 6082T6
Quantity/Size.....: 1 Off 4" X 4" X 1/4" x 5.000 Metres
WRAPPED

Quantity	Stock No	Our Ref.	Test Cert No	Cast Number	App
1	156259	11988	132674-6-1	XFFY	

Certified that the whole of the supplies detailed hereon, unless otherwise stated, are covered by the source's Certificate of Conformity or Test Certificate referenced hereon and has been subject to Metalfast's approved quality management system.
Metalfast has been registered by SGS Yarsley ICS against ISO 9001, certificate number Q13341

Metalfast
A Division of ThyssenKrupp Materials (UK) Ltd.
Blackworth Industrial Estate
Highworth, Swindon, Wiltshire SN6 7RF
Phone: +44 1793 767676, Fax+44 1793 767654
Internet: www.metalfast.co.uk
Registered Office: ThyssenKrupp Materials (UK) Ltd.
Cox's Lane, Cradley Heath, B64 5QU
Registered in England No. 645702, VAT Reg. No: GB 695967844

Swindon sales Tel: 01793 767676 Fax: 01793 767654
Midlands sales Tel: 0121 521 1111 Fax: 0121 521 1133
North West sales Tel: 0161 494 3636 Fax: 0161 494 36
Yorkshire sales Tel: 0113 2012400 Fax: 0113 2012409
Anglia sales Tel: 01480 451144 Fax: 01480 420910
Accounts Tel: 01793 767670 Fax: 01793 767650
Email: sales@metalfast.co.uk

T186244

TEST CERTIFICATE



CERTIFICATE NUMBER 132674-6-1
DELIVERY NOTE NO 170086

CUSTOMER METALFAST LTD
ADDRESS BLACKWORTH INDUSTRIAL ESTATE
HIGHWORTH
WILTSHIRE SN6 7AF

CUST ORDER 60636
OUR ORDER 132674
ORDER ITEM 8
LOT NUMBER 132674-6-1
DIE NUMBER P015984
DESCRIPTION ang 4x4x1/4

BATCH 156259

ALLOY AND TEMPER 6082-T8

04 SEP 2006

CAST NUMBER XFFY

ENTERED

Si%	Fe%	Cu%	Mn%	Mg%	Cr%	Zn%	Bi%	Pb%	Zr%	Ti%	V%
0.98	0.22	0.018	0.52	0.64	0.005	0.004	0.000	0.001	0.001	0.016	0.000
NO	PROOF	U.T.S	ELONGATION	GAUGE	TEST						
	(MPa)	(MPa)	(%)	(mm)	DATE						
322	347	10	50	2006/07/13							

TESTED IN ACCORDANCE WITH BS EN 10002-1:1990

ON INSTRON 3382 AND VERIFIED ACCORDING TO BS EN 10002-2:1992

MATERIAL PRODUCED TO BS1474

AND DIN 50049 3.1-B

Tested by:

(LAB Technician)

Approved:

HHE - Metallurgist

VERIFIED TRUE COPY OF ORIGINAL
TEST CERTIFICATE IN OUR POSSESSION

SIGNED

DATED

23/04/07

p. 7

Dispatch No.: B57812 Date: 20/04/07 B/O No.: 340972 Cust Name: HYT003
Cast Ref: Y48493 Parent: 156259 Cast No.: XFFY Pack No.: 76762
Weight: 17.700 Pieces: 1 Size: 5.000 Supplied by MetalFast Ltd

METALFAST A DIVISION OF HYDRO-EXTRUSIONS LTD

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