

DOCUMENT NO.
HI-2576.

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.: 9490
CONSIGNEE: S.M.D. - HYDROVISION LIMITED
ADDRESS: WINCOMBLEE RD, WALKER, NEWCASTLE-UPON-TYNE
ORDER NO.: 58343

Certificate of Conformance

DESCRIPTION	QTY	SPEC/DRG. NUMBER & ISSUE NUMBER	IDENTIFICATION SERIAL Nos.	BATCH No.	CAST No.	TEST REPORT No.
BASEPLATE 2.75L comp.	2	AB0674. ISSUE. 2.				TT8929
CONDITIONS OF MATERIALS AS DESPATCHED MTL' 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).						

THE ITEMS ON DELIVERY NOTE No. Y.33986. 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: 18-10-07



INSPECTION CERTIFICATE № 06.35575

EN 10204 - 3.1



Consigner: KAMENSK URALSKY METALLURGICAL WORKS JOINT STOCK COMPANY
5, Zavodskaya Str., Kamensk Uralsky, Sverdlovsk Region, 623405, Russia Tel: (3439) 39 52 22 Fax: (3439) 39 53 30

Consignee:
Metalfast Limited

Quantity: 5

Net Weight, kg.: 1110

Contract number Z7416-S
62234

Specification №: Z7416
Lot №: 2
Package №: 475680, 475681

Description of Goods: Round bars
Grade of Product

Dimensions, inch/mm

d185

3000

Requirements on the Products:

Material conforms to quality of alloy: 6082 T6

Product conforms to all requirements of:
EN573-3, EN755-1,2,3

Mechanical Properties

The Condition of Tested Standards	Lot Number	Cast Number	Number of Tests	Tensile Strength		Yield Strength (0.2% offset)		Elongation, %		Hardness, HB
				MPa		MPa				
				min	max	min	max	min	max	
Required				280.0	-	240.0	-	6.0	-	-
-	13570	13-2723	1	387.0	387.0	357.0	357.0	12.0	12.0	-

Chemical Composition, %

Element	Silicon Si	Iron Fe	Copper Cu	Manganese Mn	Magnesium Mg	Chromium Cr	Nickel Ni	Zinc Zn	Titanium Ti	Zirconium Zr
Required	0.7-1.3	0.5	0.1	0.4-1.0	0.6-1.2	0.25	-	0.2	0.1	-
Contents	1.0	0.21	0.03	0.74	0.8	0.12	-	0.04	0.06	-
Element	Ti+Zr	Na	Tin Sn	Bismuth Bi	Plumbum Pb	Mn+Cr	Ca	Other Elements		Al
								Each	Total	
Required	-	-	-	-	-	-	-	0.05	0.15	remainder
Contents	-	-	-	-	-	-	-	0.05	0.15	remainder

Other Tests

Method	Macro-structure	Micro-structure	USI	Electro-conductivity	Contents H2 of metals cm3/100gr
Result	-	-	-	-	-

On behalf:

KUMW, JSC.

Shipping Date:

26.09.06

Inspector:

T.A. Popova

N.V. Alekhina

BATCH 158237

23 OCT 2006

ENTERED

METALFAST A DIVISION OF TKM UK LTD

Inspection Department engineer

VERIFIED TRUE COPY OF ORIGINAL
TEST CERTIFICATE IN OUR POSSESSION

SIGNED [Signature]

DATED 25/09/07

Despatch No.: 881998 Date: 25/09/07 S/O No.: 361720 Cust Name: HYT003
Cust Ref: Y48891 Parent: 158237 Cast No.: 13-2723 Pack No.: 13570 475681
Weight: 74.370 Pieces: 1 Size: 1.000 Supplied by Metalfast Ltd

118929



Thy

T18929



T18929

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

CERTIFICATE OF CONFORMITY

Certificate No.....: 361720 / 2 / 881998
Customer Purchase Order No: Y48891
MetalFast Delivery Note No: 881998
Despatch Date.....: 25/09/07
Description.....: ALUM ALLOY BAR 6082T6
TEST CERTIFICATE
Quantity/Size.....: 1 Off ***185mm dia x 1.000 Metres

Quantity	Stock No	Our Ref.	Test Cert No	Cast Number	App
1	158237	KA020804	06.35575	13-2723	

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.
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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 685967844

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Midlands sales Tel: 0121 521 1111 Fax: 0121 521 1133
North West sales Tel: 0161 494 3636 Fax: 0161 494 3636
Yorkshire sales Tel: 0113 2012400 Fax: 0113 2012409
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