

MARK WESTON OF  
C90381

DOCUMENT NO.  
HI-2631

# 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.:.....9551.....  
CONSIGNEE:.....S.M.D. - HYDROVISION LIMITED.....  
ADDRESS: WINCOMBLEE RD, WALKER, NEWCASTLE-UPON-TYNE..  
ORDER NO.:.....59115.....

## Certificate of Conformance

| DESCRIPTION                                                                                                                | QTY | SPEC/DRG. NUMBER<br>& ISSUE NUMBER | IDENTIFICATION<br>SERIAL Nos. | BATCH<br>No. | CAST<br>No. | TEST<br>REPORT<br>Nos. |
|----------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------|-------------------------------|--------------|-------------|------------------------|
| MANIFOLD<br>AUXILIARY TOOLS.                                                                                               | 1.  | AB7442. ISS. 0.                    |                               |              |             | TI9013                 |
| MANIFOLD PUMP<br>OUTLET.                                                                                                   | 1.  | AB2632. ISS. 1.                    |                               |              |             | TI7421                 |
| MANIFOLD VP<br>PUMP LOAD.                                                                                                  | 1.  | AB7697. ISS. 0.                    |                               |              |             | TI9013                 |
| CONDITIONS OF MATERIALS AS DESPATCHED                                                                                      |     |                                    |                               |              |             |                        |
| MTL CERTS ENCLOSED.                                                                                                        |     |                                    |                               |              |             |                        |
| DETAILED RECOMMENDATIONS FOR SUBSEQUENT<br>HEAT TREATMENT(S) WHERE SUCH IS NOT<br>STIPULATED IN THE RELEVANT SPECIFICATION |     |                                    |                               |              |             |                        |
| DEVIATIONS (EG. MAJOR CONCESSIONS OR PRODUCTION PERMITS).                                                                  |     |                                    |                               |              |             |                        |

THE ITEMS ON DELIVERY NOTE No. Y.34119. 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: .....28-11-07.....

|                             |                                                     |                           |                   |            |
|-----------------------------|-----------------------------------------------------|---------------------------|-------------------|------------|
| S.C. ALPROM S.A.<br>SLATINA | CERTIFIED SRAC-IQNet<br>ISO 9001/2000 No. 23/2-2002 | INSPECTION<br>CERTIFICATE | EN 10204<br>3.1.B | No.<br>697 |
|-----------------------------|-----------------------------------------------------|---------------------------|-------------------|------------|

## CUSTOMER

CONTRACT/ORDER : 2331-AB/5066  
 BILL OF DELIVERY : 64572  
 TRUCK/CONTAINER : NT 20 ROL /NT 21 ROL

MATERIAL : ALUMINIUM PLATES  
 ALLOY : EN AW-6082  
 DIMENSIONS (mm) : CH088/2 101.6X1250X2500  
 : CH041/3 140X1250X2500

TEMPER: T651

ACCORDING TO : EN 485 - 515 - 573

ACCORDING TO : EN 485 - 515 - 573

1 MPa = 1 N/mm2 = 0.145 ksi = 0.102 kgf/mm2

| MECHANICAL PROPRIETES |             |               | 1 lbs = 0.4536 kg |  |      |  | Rm<br>Mpa |  | Rp0.2<br>Mpa |  | Elong. %<br>50mm | Hardness<br>HB |
|-----------------------|-------------|---------------|-------------------|--|------|--|-----------|--|--------------|--|------------------|----------------|
|                       |             |               | min.              |  | max. |  | min.      |  | max.         |  | min.             | min.           |
| Specified values:     |             |               | 275               |  |      |  | 240       |  |              |  | 6                | 84             |
|                       |             |               | Measured values:  |  |      |  |           |  |              |  |                  |                |
| LOT                   | CASE        | NET WEIGHT kg |                   |  |      |  |           |  |              |  |                  |                |
| CH088/2               | 706-710     | 4288          | 323               |  | 301  |  | 8         |  | 100          |  |                  |                |
|                       |             |               | 332               |  | 314  |  | 9         |  | 100          |  |                  |                |
| CH041/3               | 725;726;728 | 3593          | 349               |  | 310  |  | 11        |  | 100          |  |                  |                |
|                       |             |               | 357               |  | 318  |  | 12        |  | 100          |  |                  |                |

| CHEMICAL COMPOSITION % |      |      |       |      |      |                    |       |       |       |      |
|------------------------|------|------|-------|------|------|--------------------|-------|-------|-------|------|
| LOT                    | Si   | Fe   | Cu    | Mn   | Mg   | Cr                 | Zn    | Ni    | Ti    | Al   |
| CH088/2                | 0.81 | 0.49 | 0.09  | 0.46 | 1.11 | 0.042              | 0.019 | 0.003 | 0.011 | REM. |
| CH041/3                | 0.82 | 0.48 | 0.069 | 0.45 | 0.95 | 0.034              | 0.015 | 0.003 | 0.012 | 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   |      |
| Others Each: 0.05      |      |      |       |      |      | Others Total: 0.15 |       |       |       |      |
| Cond.                  |      |      |       |      |      |                    |       |       |       |      |

## 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.

2/9/2005

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

S.C. ALPROM S.A.  
 SLATINA  
 C.T.C. Laboratoare

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 C.T.C. Laboratoare

117421

117421

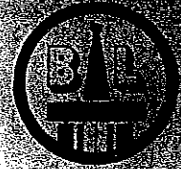
40823/24/25/26/27/28/29/30

# BLUELIMIT SURVEYS LTD

## INTERNATIONAL INSPECTION SERVICES

Unit 6 Riverside Road, Gorleston-on-Sea, Norfolk, NR31 6PU

Tel: 01493 653900 Fax: 01493 442774



### ULTRASONIC INSPECTION REPORT

Report No: **71562**

Customer: **HY-TEK [ENGINEERING SERVICES] LTD** File Ref: **12915**

Location of test: **Bluelimit Base** Date of test: **01/02/2007**

Specification: **DTD 937** Acceptance Criteria: **DTD 937**

Procedure: **BL004**

Equipment: **WKK USK 7 1181**

0 degrees: **WKK, 5MHz, 10mm, 2nd BWE to FSH**

Attenuation: **+2dB**

Scanning Sensitivity: **+6dB**

#### Item Under Test

ORDER No: **Y48276**

REF No: **9082**

#### Results and Comments

THE ITEM AS LISTED BELOW WAS SUBJECTED TO AN ULTRASONIC LAMINATION INSPECTION.

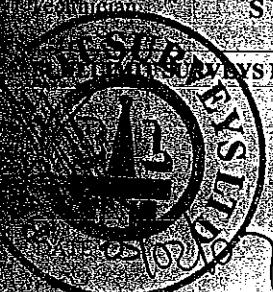
| ITEM | QTY | DESCRIPTION            | TRACE No |
|------|-----|------------------------|----------|
| 1    | 1   | 6082T6 ALUMINIUM BLOCK | T17421   |

SIZE: **400mm x 200mm x 140mm**

NO RECORDABLE DEFECTS NOTED AT TIME OF INSPECTION

ACCEPTABLE TO SPECIFICATION

**S Low PCN Level II Ultrasonics**



CONTRACTOR

CLIENT

VERIFICATION  
ACCEPTANCE

DATE

DATE

DATE



Anglia Alloys Ltd.  
Unit 5, Riverside Road  
Riverside Industrial Estate  
Gorleston Norfolk NR31 6PU  
Tel: 01493 - 651028  
Fax: 01493 - 655391  
enquiries@angliaalloys.co.uk  
www.angliaalloys.co.uk

## CERTIFICATE OF CONFORMITY

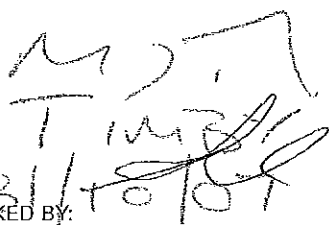
Suppliers of:  
Aluminium, Stainless Steel,  
Copper & Brass

INVOICE TO:

Hylek (Eng Services) Ltd  
Main Cross Road  
Great Yarmouth  
Norfolk  
NR30 3PD

|                |            |
|----------------|------------|
| INVOICE No.    | 153508     |
| DATE           | 29/10/2007 |
| DELIVERY NOTE  | 153508     |
| OUR REF.       | 129006     |
| YOUR ORDER No. | Y49056     |

DELIVER TO:

| QUANTITY                                                                                                    | DESCRIPTION                                                                 |
|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| 1.00                                                                                                        | Aluminium Flat 6062T6<br>3 1/2" x 2 1/2"<br>Supply 1 @ 105mm<br>T19012      |
| 1.00                                                                                                        | Aluminium Flat 6062T6<br>3 1/2" x 2 1/2"<br>Supply 1 @ 125mm<br>T19013      |
| 1.00                                                                                                        | Aluminium Flat 6062T6<br>130 x 2 1/2"<br>Supply 1 @ 105mm<br>T19014<br>Gale |
| On checked                                                                                                  |                                                                             |
| ALL GOODS REMAIN THE PROPERTY OF ANGLIA<br>ALLOYS LIMITED UNTIL PAYMENT IS RECEIVED IN FULL                 |                                                                             |
| THIS CERTIFICATE CONFIRMS<br>THE GOODS DETAILED ABOVE<br>CONFORM TO THE RELATIVE<br>SPECIFICATIONS SHOWN.   |                                                                             |
| CHECKED BY: <br>31/10/07 |                                                                             |

T19012/13/14