

DOCUMENT NO.

HI-2604.

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.:.....9545.....
 CONSIGNEE:.....S.M.D.-HYDROVISION LIMITED.....
 ADDRESS: WINCOMBLEE RD, WALKER, NEWCASTLE-UPON-TYNE..
 ORDER NO.:.....59126.....

Certificate of Conformance

DESCRIPTION	QTY	SPEC/DRG. NUMBER & ISSUE NUMBER	IDENTIFICATION SERIAL Nos.	BATCH No.	CAST No.	TEST REPORT No.
PLATE, TITAN MOUNT L.H.	1	AB5379 ISS. O.				TT9001 TT8457 TT7121
CONDITIONS OF MATERIALS AS DESPATCHED MTL' & DYE-PEN' CERT'S 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.34055 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:7-11-07.....

Jade

T18457 46392

 42, Pogranichnikov str, 660111, g. Krasnoyarsk Russian Federation		Krasnoyarsk Metallurgical Plant INSPECTION CERTIFICATE		A 0193 G																																																			
CUSTOMER "RUSSIAN ALUMINIUM MANAGEMENT"		CONTRACT No: RWK-0456 APPENDIX No: 13494 ORDER No: 831006		No 7238 Date 30.05.06																																																			
CONSIGNEE MCA UK LTD C/O MIM SAMS LANE, WEST BROMWICH, B70 7ED WEST MIDLANDS		Description of Goods Aluminium bars Dimension 1143 Length 3000 mm		Alloy and Temper EN AW-6082 T6511																																																			
Lot No: 35296 Net Weight 332 kg 4 Lb		Documentation 573-3/755-2/-3		Yield strength 260 MPa 8,0 HB																																																			
MECHANICAL PROPERTIES		Ultimate Strength 310 MPa 8,0 HB		Test results: 367-370 330-332 12,0-13,0																																																			
CHEMICAL COMPOSITION, %																																																							
<table border="1"> <thead> <tr> <th></th> <th>Si</th> <th>Fe</th> <th>Cu</th> <th>Mn</th> <th>Mg</th> <th>Cr</th> <th>Ni</th> <th>Zn</th> <th>Ti</th> </tr> </thead> <tbody> <tr> <td>Nominal</td> <td>0,7</td> <td></td> <td></td> <td>0,4</td> <td>0,6</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Requirements</td> <td>1,3</td> <td>0,5</td> <td>0,1</td> <td>1</td> <td>1,2</td> <td>0,25</td> <td>0,05</td> <td>0,2</td> <td>0,1</td> </tr> <tr> <td>Test results</td> <td>1,17</td> <td>0,37</td> <td>0,10</td> <td>0,60</td> <td>0,88</td> <td>0,025</td> <td>0,001</td> <td>0,012</td> <td>0,038</td> </tr> <tr> <td>Cast No 4-57</td> <td>1,21</td> <td>0,38</td> <td>0,10</td> <td>0,69</td> <td>0,90</td> <td>0,026</td> <td>0,001</td> <td>0,012</td> <td>0,044</td> </tr> </tbody> </table>							Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Nominal	0,7			0,4	0,6					Requirements	1,3	0,5	0,1	1	1,2	0,25	0,05	0,2	0,1	Test results	1,17	0,37	0,10	0,60	0,88	0,025	0,001	0,012	0,038	Cast No 4-57	1,21	0,38	0,10	0,69	0,90	0,026	0,001	0,012	0,044
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Cast No 4-57	1,21	0,38	0,10	0,69	0,90	0,026	0,001	0,012	0,044																																														
It is hereby certified that the above material is manufactured in compliance with the specified standards and meets the stipulated requirements.																																																							
Quality Control Inspector																																																							



T18457

12mm from Plate 5083 S/N 25153

10-21-60 S.A. JOHNS
Point de vue de la station
St. Milroy Nr. 1. Sud. Oit
Sera. 010 - L'Amir
10-21-60 S.A. JOHNS

cod 11/PO-051/Rev. 01/2007

QUALITY CONTROL DEPT.

According to EN 10204:2004 3.1

We hereby certify that the material detailed herein has been produced and tested according to the requirements of the relevant specification and/or order. Keep in dry conditions, without large temperature variations. The differences between metal and air must be maxim. 10 degrees C.

ACCORDING TO EN 483:2004; EN 319:1984; EN 674:2004

REMARKS: UC NO-3886G10600056

[illegible]

ACCORDING TO : FN 485 - 515 - 573

MATERIAL : ALUMINIUM PLATES
ALLOY : EN AW-5083
DIMENSIONS (mm) : 70x223 - 12X1250X2500

TEMPER: H111

TRUCK/CONTAINER : E6434 AT/ F 2216 EA

BILL OF DELIVERY : 73251

CONTRACT/ORDER : 005 ME1X 19839

CUSTOMER : VON ASCHENBACH+VOSS GMBH

S.C. ALKO S.A.	CERTIFIED BRAÇUJAN	WIGHT/ ANALYSIS CERTIFICATE	No: 4899 Date: 9/6/2007
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METAL EX
 FERN DOWN
 GRN 40065

S.C. ALPROM S.A. SLATINA	CERTIFIED SRAC-IQNet ISO 9001/2000 No. 23/2-2002	INSPECTION CERTIFICATE	EN 10204 3.1.B	No. 3625
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CUSTOMER : E-METALS LTD

CONTRACT/ORDER : 2331-C/4653/54

BILL OF DELIVERY : 63354

TRUCK/CONTAINER : SB 7247/SB 7246

MATERIAL : ALUMINIUM PLATES
 ALLOY : EN AW-5083
 DIMENSIONS (mm) : UF053/2 12X1250X2500

TEMPER: O

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 Mpa		Rp0.2 Mpa		Elong. % 50mm		Hardness HB	
			min.	max.	min.	max.	min.		min.	
Specified values:			275	350	125		16		75	
LOT	CASE	NET WEIGHT Mpa	Measured values:							
UF053/2	547	1038	281		179		29		75	
			284		137		41		75	
CHEMICAL COMPOSITION %										
LOT	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ni	Ti	Al
UF053/2	0.21	0.36	0.023	0.48	4.46	0.1	0.025	0.005	0.023	REM.
Min.				0.4	4	0.05				REM.
Max.	0.4	0.4	0.1	1	4.9	0.25	0.25	0.05	0.15	
Cond.			Others Each: 0.05				OthersTotal: 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 larges temperatures variations.

Date: QUALITY CONTROL DEPT.

9/8/2004

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

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

S.C. ALPROM S.A.
C.T.C.
63

117121

117121 38933

BLUELIMIT SURVEYS LTD

INTERNATIONAL INSPECTION SERVICES

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

Tel: 01493 653900 Fax: 01493 442774



DYE PENETRANT REPORT

Report No: **76660**

Customer:	HY-TEK [ENGINEERING SERVICES] LTD	File Ref:	13235
Location of test:	Bluelimit Base	Date of test	02/11/2007
Specification:	BS EN 571-1	Acceptance Criteria	BS EN ISO 10042:2005
Procedure:	BL001		
Soaking Time	30 mins		
Developing Time	10 mins		
Penetrant	JAP		
Developer	JAD		
Remover	JAC		

Item Under Test

P/O No: 49072
REF: 9524, 9545
MATERIAL: ALUMINIUM

Results and Comments

THE WELDS ON THE ITEMS LISTED BELOW WERE SUBJECTED TO A 100% DYE PENETRANT INSPECTION

DRG No: AB7601 ISS 0
ITEM: FAB, POD CHASSIS

DRG No: AB5379 ISS 0
ITEM: PLATE, TITAN MOUNT L.H.

WELDER No: 103

NO VISIBLE DEFECTS NOTED AT TIME OF INSPECTION

ACCEPTABLE TO SPECIFICATION

Technician

D Tasker PCN Level II DPI



CONTRACTOR

CLIENT

VERIFICATION
ACCEPTANCE

DATE 5-11-07

DATE

DATE