

DOCUMENT NO.

HI-2597.SHT.1.

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.:.....9501.....
 CONSIGNEE:.....S.M.D.-HYDROVISION LIMITED.....
 ADDRESS: WINCOMBLEE RD., WALKER, NEWCASTLE-UPON-TYNE.....
 ORDER NO.:.....58505.....

Certificate of Conformance

DESCRIPTION	QTY	SPEC/DRG. NUMBER & ISSUE NUMBER	IDENTIFICATION SERIAL Nos.	BATCH No.	CAST No.	TEST REPORT Nos.
FABRICATION, CHASSIS TOP.	1.	AB4347.1ss.0.		T18951	T18959	T18953
STRUT SIDE VERTICAL	4.	AB5607.1ss.0.		T18960	T18961	T18957
FABRICATION-CHASSIS BASE.	1.	AB4346.1ss.1.		T18958	T18956	T18644
BEAM, HPU MOUNT.	2.	AA5574.1ss.0.			T18651	T18953
BEAM, CHASSIS, REAR.	1.	AA5505.1ss.0.			T18951	T17874
BEAM, CHASSIS, FRONT.	1.	AA5506.1ss.0.				T18952
STRUT DIAG' FRONT PT.	2.	AB4313.1ss.0.				T17874
STRUT DIAG' FRONT STBD	2.	AB4314.1ss.0.				T17874
FAB, CORNER STRUT.	2.	AA5629.1ss.2.				T18593
CORNER STRUT.	2.	AB1641.1ss.0.				T18593
FAB', REAR BEAM.	1.	AA6730.1ss.0.			T18815	T18651
					T18651	T18953
					T18814	T17906

CONDITIONS OF MATERIALS AS DESPATCHED

MTL 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).

DYE-PEN CERT TO FOLLOW.

THE ITEMS ON DELIVERY NOTE No. Y.34030/1 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:.....

POSITION: INSPECTOR

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

DISTRIBUTION:-

DATE:

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.:.....9501.....
 CONSIGNEE:.....S.M.D.-HYDROVISION LIMITED.....
 ADDRESS: WINCOMBLEE RD, WALKER, NEWCASTLE-UPON-TYNE.....
 ORDER NO.:.....58505.....

Certificate of Conformance

DESCRIPTION	QTY	SPEC/DRG. NUMBER & ISSUE NUMBER	IDENTIFICATION SERIAL Nos.	BATCH No.	CAST No.	TEST REPORT Nos.
STRUT VERTICAL LIFT	4	AB5341. 1SS.O.				T18951
FAB'-PT CHASSIS SIDE	1	AB6696. 1SS.O.				T18953 T18337
FAB'-STBD CHASSIS SIDE	1	AB6697. 1SS.O.				T18953 T18337
BEAM, CHASSIS, SIDE PORT.	1	AB7212. 1SS.O.				T18953
BEAM, CHASSIS, SIDE STBD.	1	AB7213. 1SS.O.				T18953
LATERAL STRUT	8	AB5608. 1SS.O.				T18951
BEAM, LATERAL	2	AB7210. 1SS.O.				T18953
END TIE BRACE	8	AB5682. 1SS.O.				T18954
BRACKET 1PINT COMP.	1	AA1076. 1SS.O.				T16628
BRKT, BEAM ATTACHMENT	2	AA6157. 1SS.O.				T18650
CONDITIONS OF MATERIALS AS DESPATCHED <u>MTL' CERT'S ENCLOSED</u>						
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. Y34030/1 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.....

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.:.....9501.....
CONSIGNEE:.....S.M.D.-HYDROVISION LIMITED.....
ADDRESS: WINCOMBLEE RD, WALKER, NEWCASTLE-UPON-TYNE..
ORDER NO.:.....58505.....

Certificate of Conformance

DESCRIPTION	QTY	SPEC/DRG. NUMBER & ISSUE NUMBER	IDENTIFICATION SERIAL Nos.	BATCH No.	CAST No.	TEST REPORT Nos.
BRKT, STRUT ATTACHMENT.	2.	AA6156. ISS. 0.				118650
BRKT-RESERVOIR SUPPORT.	1.	AB7421. ISS. 0.				118960
PLATE CAMERA MOUNT.	1.	AA0508. ISS. 0.				118955
CONDITIONS OF MATERIALS AS DESPATCHED						
MTL CERTS 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. Y34039/1 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.....

118955/956
46662/63/64

S.C. ALPROM S.A.	CERTIFIED SRAC-IQNet	ISO 9001/2001 No. 23/2-2005	INSPECTION	CERTIFICATE	EN 10204	3.1	No.	4679
------------------	----------------------	-----------------------------	------------	-------------	----------	-----	-----	------

CUSTOMER : E-METALS LTD

CONTRACT/ORDER : 2071 AMB/09170

BILL OF DELIVERY : 69447

TRUCK/CONTAINER : PH 08 VSY/ PH 08 XTZ

MATERIAL : ALUMINIUM PLATES

ALLOY : EN AW-6082

DIMENSIONS (mm) : DM110 - 2 6.35X1250X2500

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	min.	max.	Rp0.2	Mpa	min.	max.	Elong. %	Hardness	HB
Specified values:											
Measured values:											
300			255			9			91		

LOT / BATCH	CASE	NET WEIGHT kg	MEASURED VALUES							
DM110	2	743;744;760	2035	300	276	14	100	280	13	100
6070830										

CHEMICAL COMPOSITION %											
BATCH	SI	Fe	Cu	Mn	Mg	Cr	Zn	NI	TI	AI	REM.
6070830	0.95	0.22	0.004	0.56	0.91	0.004	0.006	0.003	0.012		REM.
Min.	0.7			0.4	0.6						
Max.	1.3	0.5	0.1	1	1.2	0.25	0.2	0.05	0.1		REM.
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 larges temperatures variations.

Date: 8/21/2006

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

S.C. ALPROM S.A.
SLATINA
C.T.C. Laboratoire

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

118955/956

S.C. ALRO S.A. SLATINA	CERTIFIED SRAC-IQNet ISO 9001/2001 No. 10/3-2007	INSPECTION CERTIFICATE	No: 4765 Date: 8/31/2007
---------------------------	---	---------------------------	-----------------------------

CUSTOMER : E-METALS LTD

CONTRACT/ORDER : 021 10902
BILL OF DELIVERY : 73191
TRUCK/CONTAINER : AG 74 EXP/ AG 75 EXP

MATERIAL : ALUMINIUM PLATES
ALLOY : EN AW-6082
DIMENSIONS (mm) : ZM0587 25.4X1250X2500

TEMPER: T651

ACCORDING TO : EN 485 - 515 - 573

ACCORDING TO : EN 483-315-375

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:				295		240		8	89			
LOT / BATCH	CASE	NET WEIGHT kg	Measured values:									
ZM0587 S17080824	587;588	1500	299		272		12	119				
			315		288		13	119				
CHEMICAL COMPOSITION %												
BATCH	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	Al
S17080824	0.82	0.21	0.003	0.45	0.88	0.003	0.005	0.012	0.008	0.012	0.012	REM.
Acc. Standard	Min.	0.7		0.4	0.6							REM.
	Max.	1.3	0.5	0.1	1	1.2	0.25	0.05	0.2	0.1	0.05	0.05
Remarks:						Other- Each- Max.: 0.05			OthersTotal- Max.: 0.15			

REMARKS:

ACCORDING TO: EN 485-2:2004; EN 515:1994; EN 573-3:2004

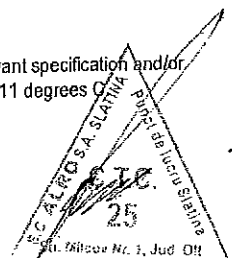
We hereby certify that the material detailed hereon has been produced and tested according to the requirements of the relevant specification and/or order. Keep in dry conditions, without large temperature variations. The differences between metal and air must be maximum 11 degrees Celsius.

According to EN 10204:2004 3.1

QUALITY CONTROL DEPT.

cod f1/PO-051/Rev.0/2007

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



T18960/961

T18650

A Company
of ThyssenKrupp
Services

Metalfast

Thyssen

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

CERTIFICATE OF CONFORMITY

Certificate No.....: 340972 / 11 / 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 3" X 2" X 1/4" x 5.000 Metres
WRAPPED

Quantity	Stock No	Our Ref.	Test Cert No	Cast Number	App
1	159740	2006-12093	SOMA-A000829	ZW06080497	

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 3636
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

T18650

T18650



Liaoning ZhongWang Group Co., Ltd

Tel: 0086-419-4155592 Fax: 0086-419-4155591
299 Wensheng Road, Liaoyang city, Liaoning Province, P. R. China 111003

Inspection Certificate

3.1 EN 10204

Customer: Metalfast Limited
Order Number: 62392
SOMA Order no.: 2006-20031
ART-NR: SOMA-A000829
Alloy & Temper: 6082-T6
Production Description: Alu Angle with
Dimension: 3*2*0.25
Heat Number: zw06080497
Date: 2006.10.08

CHEMICAL ANALYSIS: % 573-3

Mg	Si	Fe	Cu	Zn	Mn	Cr	Ti	Other		Al
								EACH	TOTAL	
0.80	0.92	0.12	0.02	0.01	0.50	0.01	0.01	< 0.05	< 0.15	REM

TENSILE TEST: EN 755-2

Ultimate Strength R _m MPa	Yield Strength R _{p0.2} MPa	Elongation A % Min.
361	305	12

We hereby certify that the item listed have been checked and tested in accordance with the specifications noted and have been found to meet all the applicable requirements. Certifications are kept on file for 36 months from the date of purchase and are available for review upon request.

Li Yan Song

Li Yan Song, Quality Manager



BATCH 1592

28 NOV 2006

ENTERED

METALFAST A DIVISION OF TKM UK L

VERIFIED TRUE COPY OF ORIGINAL
TEST CERTIFICATE IN OUR POSSESSIO

SIGNED *[Signature]*

DATED 23/04/07

Despatch No.: 857812 Date: 20/04/07 S/O No.: 340972 Cust Name: HYT003
Cust Ref: Y48493 Parent: 159740 Cast No.: ZW06080497 Pack No.: 1/1
Weight: 10.550 Pieces: 1 Size: 5.000 Supplied by Metalfast Ltd

T18650

Alcoa Europe Extrusions and End Products
Southam Road, Banbury, Oxon OX16 2SN
Telephone: 01295 454444

Next Day Metals
Certified True Copy of
Original Test Certificate

Your Order No.	Y 45704
Our Invoice No.	124990
Date	17/09/04



CHEMICAL ANALYSIS AND MECHANICAL TEST CERTIFICATE

This certificate meets the requirements of BS EN10204 3.1.8 AND DIN 50 049 3.1.8

MATERIAL TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF	DATE	NO.
6082 T6	11/09/04	C 3028130
TO BS1474 & AFNOR 50411 R29	ORDER NO.	
	04 38017 1 11	
CUSTOMER	SECTION NO.	
THE METAL CENTRE	092566 M01	
	6 X 3 X 3/8 RECT HOLLOW	
CUSTOMER ORDER NO.	WEIGHT/KG	PRESS DATE
90027 P	433	10/09/04
CUSTOMER PART NO.	ALLOY	
6 X 3 X 3/8 RHS	6082	

CHEMICAL COMPOSITION

CAST NUMBER	%si	%mg	%cu	%fe	%mn	%ti	%cr	%zn	%	%
F3292	.97	.66	.10	.23	.47	.02	.01	.08		
LIMIT	Min.	.70	.60	.00	.00	.40	.00	.00	.00	
	Max.	1.30	1.20	.10	.50	1.00	.10	.25	.20	

MECHANICAL PROPERTIES

TEST PIECE NO.	R/m N/mm2	Rp0.2 N/mm2	A5	HB	ELEC. CONDUCTIVITY IACS
80638	334.0	305.0	16.0	0	.000
LIMIT	Min	0	0	95	.000

DRIFT TEST

Certified that the supplies detailed herein have been inspected and unless otherwise stated above conform in all respects with the requirements of the contract or order. The quality control arrangements adopted in respect of these supplies have accorded with the conditions of our Quality Management System registration under the BS EN ISO 9001 2000

Signed

[Signature]

Date 13/09/04

For and on the behalf of Alcoa Europe Extrusions and End Products

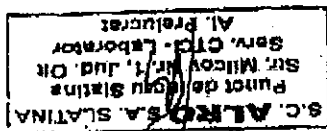
718954

28/11/2006 15:55

0249433855

ALRO SLATINA

PAGE 02/11



cod F-PB-02-04/3 Rev.5

11/24/2006

Date: QUALITY CONTROL DEPT.

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 temperature variations.

REMARKS:

MECHANICAL PROPERTIES										1 MPa = 1 N/mm2 = 0.145 ksi = 0.102 kgf/mm2									
Rm		Rp0.2		Elong. %		HB		min. max.		min. max.		min. max.		min. max.		min. max.			
MPa		MPa		50mm		HB		min. max.		min. max.		min. max.		min. max.		min. max.			
1 lbs = 0.4536 kg																			
Specified values:		275		240		84		Measured values:											
NET WEIGHT kg																			
LOT / BATCH		CASE		NET WEIGHT kg															
EM267		3		924.925		1752		355		366		348		354		8			
A1261																114			
																114			

18337

KA-122440-01-04

NRBST : 91914/01 PAGINA : 1/2
KEURINGSRAPPORT EN 10204 3.1

PROD. REF. : 0000208767/001

DATUM : 2006-09-11

DOC : V/0080206271



KLANT : AMARI METALS LTD
AALCO CENTRE TRADING OFFICE
GOLDS HILL WAY, WATERSIDE PARK,
GREAT BRIDGE, TIPTON, W. MIDS., DY4 0PU U

UW ORDERNUMMER : 54827
ONS ORDERNUMMER : 91914/01
DOCUMENT NUMMER : V/0080206271

SPECIFICATIES: ALU SHEETS EN 6082-T6
AFMETINGEN : 2500 X 1250 X 3,0MM
ARTIKEL NR.:

Corus Aluminium N.V.
A. Stockman 87, 2510 Oud-Al - België
Tel. 06 (0)15 00 21 11 - Fax 020 715 50 27 BA

CHEMISCHE ANALYSE (%)

	SI	FE	CU	MN	MG	CR	TI	ZN
MIN	0,7	0,50	0,10	0,40	0,6	0,25	0,10	0,20
MAX	1,3			1,0	1,2			
001	0,9	0,36	0,05	0,56	1,0	0,03	0,02	0,02

ANDERE : ELK
TOTAAL : MIN 0,05 MAX 0,15

MECHANISCHE EIGENSCHAPPEN
(T) = TRANSVERSAL = DWARSRICHTING (L) = LONGITUDINAL = LENGTERICHTING
1 N/MM2 = 1 MPA = 0,1 HBAR = 0,102 KG/MM2 = 0,145 KSI
/A = ACHTER /N = MIDDEN /V = VOOR /C = RANDOM

RM(T) MPA 310
MPA 250
RP(T) A50(T)
7

001 /M 338 290 13

TENZIJ ANDERS VERMELD, GELDEN VOLGENDE NORMEN :

CHEMISCHE SAMENSTELLING : EN 573-3 (WARM) / EN 485-3 (KOUDE) / EN 485-2
DIMENSIE EN VORTOLERANTIES : EN ISO 6506-1 / T4-T6
HARDHEID BRINELL : EN ISO 6506-1

DE LEVERING VOLDOET AAN DE EISEN VAN DE BESTELLING.
DIT CERTIFICAAT WERD ELEKTRONISCH SAMENGESTELD.

New Day Metals	
Certified True Copy of Original Test Certificate	
Star Order No.	748073
Our Invoice No.	217230
Date 21/11/06	Sigrid Claes

Corus Aluminium Rolled Products - Corus Aluminium Extrusions

18337



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

CERTIFICATE OF CONFORMITY

Certificate No.....: 297746 / 2 / 806511
Customer Purchase Order No: Y47541
MetalFast Delivery Note No: 806511
Despatch Date.....: 23/05/06
Description.....: ALUM ALLOY FLAT 6082T6
TEST CERTIFICATE
Quantity/Size.....: 1 Off 3" X 3/8" x 4.000 Metres

Quantity	Stock No	Our Ref.	Test Cert No	Cast Number	App
1	134987	152652	125195-9-1	CYB4	

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
Tel: 01793 767676
Fax: 01793 767654

Registered Office:
Cox's Lane, Cradley Heath, B64 5QU
Registered in England No. 645702
VAT Reg. No: GB 392 0833 48

www.metalfast.co.uk

Swindon sales Tel: 01793 767676 Fax: 01793 767654
Midland sales Tel: 0121 521 1111 Fax: 0121 521 1133
North West sales Tel: 0161 494 3636 Fax: 0161 494 3649
Anglia sales Tel: 01480 451144 Fax: 01480 420910
Accounts Tel: 01793 767670 Fax: 01793 767650
E-Mail: sales@metalfast.co.uk



Hulet-Hydro Extrusions (Pty) Ltd.

TEST CERTIFICATE

CERTIFICATE NUMBER 125195-9-1
DELIVERY NOTE NO 152652

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

CUST ORDER 50523
OUR ORDER 125195
ORDER ITEM 9
LOT NUMBER 125195-9-1
DIE NUMBER P101129
DESCRIPTION f/b 3x3/8

ALLOY AND TEMPER 6082-T6

CAST NUMBER CYB4

Si%	Fe%	Cu%	Mn%	Mg%	Cr%	Zn%	Bi%	Pb%	Zr%	Ti%	V%
1.02	0.21	0.002	0.533	0.65	0.000	0.002	0.000	0.001	0.000	0.007	0.009
PROOF											
U.T.S			ELONGATION			GAUGE			TEST		
(MPa)			(MPa)			(mm)			DATE		
291			316			18			50		
									2005/02/08		

TESTED IN ACCORDANCE WITH BS EN 10002-1:1990
ON INSTRON 4505 AND VERIFIED ACCORDING TO BS EN 10002-2:1992
MATERIAL PRODUCED TO BS1474
AND DIN 50049 3.1-B

BATCH 134987

Witnessed by :
(Customer Representative)

22 MAR 2005

ENIATED

QCL

Approved:
Extrusion Manager P15

Despatch No.: 806511 Date: 23/05/06 S/O No.: 297746 Cust Name: HYT003
Cust Ref: Y47541 Parent: 134987 Cast No.: CYB4 Pack No.: 169499
Weight: 8.080 Pieces: 1 Size: 4.000 Supplied by Metalfast Ltd



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

CERTIFICATE OF CONFORMITY

Certificate No.....: 353180 / 1 / 871562
Customer Purchase Order No: Y48753
MetalFast Delivery Note No: 871562
Despatch Date.....: 17/07/07
Description.....: ALUM ALLOY CHANNEL 6082T6
TEST CERTIFICATE
Quantity/Size.....: 3 Off 3 X 2 X 1/4" X 1/4" x 5.000 Metres

Quantity	Stock No	Our Ref.	Test Cert No	Cast Number	App
3	162086	2007/1365	NONUMBER	6W608212001	

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



HINDALCO INDUSTRIES LIMITED
Alura Centre, 1st Floor, 'B' Wing, 82, Mahakali Caves Road, Andheri (East), Mumbai - 400 083, India. Tel.: 56377000, 5691705870
Regd. Office: Century Bldg., 3rd Floor, Dr. Amle Bapat Road, Worli, Mumbai 400 025, India. Tel.: 56525666, Fax: 24322516
Works: P.O. Renukoot, - 231 217 Dist. Sonbhadra, U.P., India

14 JAN 2007

MILL TEST CERTIFICATE

PRODUCTS

ALUMINIUM EXTRUSIONS IN MILL FINISH CONDITION IN 6082 T6

The test results of the samples drawn from the above lot and tested in our laboratory are as follows:

Product		Alloy	Size	Section	Net wt.	Cast	Chemical Composition										Mechanical Properties			
No.	Tempor	Product	(MM)	No.	(M.T.)	No.	%Si	%Fe	%Mn	%Mg	%Cu	%Zn	%Cr	%Zr	%Ti	%Al	UTS kg/mm²	PS kg/mm²	Elong	Hardness
6E10801A	6082T6	Channel	76.20 x 50.80 x 6.35	C 5202	495	6W608212001	1.00	0.14	0.60	0.83	0.01	0.01	-	-	0.02	97.39	33.8	30.8	13	-

BATCH 162086
07 FEB 2007
ENTERED H



HINDALCO INDUSTRIES LIMITED
AUTHORISED SIGNATORY

Despatch No.: 871562 Date: 17/07/07 S/O No.: 353180 Cust Name: HYT003
Cust Ref: Y48753 Parent: 162086 Cast No.: 6W608212001 Pack No.: 6E10801A
Weight: 42.750 Pieces: 3 Size: 5.000 Supplied by Metalfast Ltd

718814

T18815

A Company
of ThyssenKrupp
Services

Metalfast



ThyssenKrupp

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

CERTIFICATE OF CONFORMITY

Certificate No.....: 353180 / 2 / 871562
Customer Purchase Order No: Y48753
MetalFast Delivery Note No: 871562
Despatch Date.....: 17/07/07
Description.....: ALUM ALLOY CHANNEL 6082T6
TEST CERTIFICATE
Quantity/Size.....: 1 Off 2 X 1.1/2 X 1/4" x 5.000 Metres

Quantity	Stock No	Our Ref.	Test Cert No	Cast Number	App
1	151773	167291	132086-15-1	DDR9	

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

T18815



Hulett-Hydro Extrusions (Pty) Ltd

TEST CERTIFICATE

118815

CERTIFICATE NUMBER 132086-15-1
DELIVERY NOTE NO 167291

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

CUST ORDER 59801
OUR ORDER 132086
ORDER ITEM 15
LOT NUMBER 132086-15-1
DIE NUMBER P160029
DESCRIPTION 2x1.1/2x1/4

ALLOY AND TEMPER 6082-T6

CAST NUMBER DDR9

Si%	Fe%	Cu%	Mn%	Mg%	Cr%	Zn%	Bi%	Pb%	Zr%	Ti%	V%
0.95	0.20	0.001	0.520	0.63	0.000	0.002	0.000	0.001	0.000	0.009	0.007
PROOF											
NO				U.T.S	ELONGATION	GAUGE	TEST				
				(MPa)	(%)	(mm)	DATE				
301				326	14	50	2006/05/03				

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: M. Johnson
(LAB Technician)

Approved: [Signature]
HHE - Metallurgist

BATCH 151225
21 JUN 2003
ENTERED H

T18952

sapa

Jade AL
 Attn: Teresa
 Fax: 01562 749471

Date: 19/03/07

Certificate No: 30320

Certificate Type: BS GOODS

Sapa Profiles Limited

Tibshelf, Alfreton
 Derbyshire DE55 5NH
 Telephone 01773 872761 Fax 01773 874389
 Email aluminium.profiles.uk@sapagroup.com
 Website www.sapagroup.com/uk/profiles
 VAT Registration No. GB 551 5224 86

CERTIFICATE OF CONFORMITY

BS EN 10204:2004-Type 3.1

ORDER DETAIL

Lot 10412

Customer Order No PO003327		Sapa Order No 3081322 30		Description Std CH 2" x 1 1/2" x 1/4"	
Length 5000.00	Item No UP0042901005	Alloy 6082		Temper T8	Finish C
Packaging Detail:- Bundle - Polywrapped					

Pieces 50

Kilos 478

CHEMICAL ANALYSIS

Sapa MO	Cast No	Si	Mg	Fe	Mn	Zn	Cu	Ti	Cr
4171224	RMR7356B	0.944	0.682	0.231	0.485	0.016	0.018	0.012	0.005

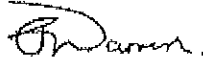
MECHANICAL TEST RESULTS

Sapa MO	U.T.S (N/mm ²)	0.2% Proof Stress (N/mm ²)	Elongation %
4171224	315	264	16

Remarks:
 (if applicable)

CERTIFICATION STATEMENT

Certified in accordance with EN 10204:2004, the extrusions detailed above conform in all respects to the requirements of BS EN ISO 9001:2000 Quality Management System and as a minimum tested to BS 1474:1987 or EN 755-2:1997 as specified on order/contract and approved drawing(s) and are of UK manufacture.

Signed: 
 For and on behalf of Sapa Profiles Limited

Sapa Form 21G Issue 1

Registered Office Saw Pit Ind Est Mansfield Rd Tibshelf Alfreton Derbys DE55 5NH Registered in England No. 2448020

51434
T18952

T17874

ALCOA-KÖFÉMKft.

H-8002 Székesfehérvár

Versei u. 1-15. Pf. 102.

Tel.: 36 22 531200

Fax: 36 22 312491

Telex: 021-322



L08 5394

MINŐSÉGI BIZONYÍTVÁNY INSPECTION CERTIFICATE ABNAHMEPRÜFZEUGNIS CERTIFICAT DE RÉCEPTION	EN 10 204 - 3.1 (DIN 50049)	DATUM DATE 2006.1	SZ. NO. 462785
		DATUM DATE	NR. NO.
VEVO COSTUMER KUNDE CLIENT		RENDSZ. ORDERNO. AUFTRAGSNR. NO. DE COMMANDE	2006 56312 1 10
VEVO RENDSZ. CUST. ORDERNO. AUFTRAGSNR. NO. DE COMMANDE DU CLIENT	PO001872	PROFILSZÁM SECTIONNO. PROFILNR. NO. DE PROFILÉ	11594 - 001
VEVO PROFILSZÁMA CUST. SECTIONNO. PROFILNR. KUNDE NO. DE PROFILÉ DU CLIENT	U 4"x2"x1/4"x5/16"	SÚLY WEIGHT GEWICHT POIDS	584
		ÖTVÖZET ALLOY LEGIERUNG ALLIAGE	6082 T6 BS 1474

KÉMIAI ÖSSZETÉTEL / CHEMICAL COMPOSITION / CHEMISCHE ZUSAMMENSETZUNG / COMPOSITION CHIMIQUE										
BETÉT CHARGE	%Si	%Fe	%Cu	%Mn	%Mg	%Cr	%Zn	%Ti	%	%
0630301	0,8	0,3	0,0	0,4	0,6	0,0	0,0	0,0		
SZABVÁNY LIMIT NORM NORME	0,7 1,3	0 0,5	0 0,1	0,4 1	0,6 1,2	0 0,2	0 0,2	0 0,1		

MECHANIKAI TULAJDONSÁGOK / MECHANICAL PROPERTIES / MECHANISCHE EIGENSCHAFTEN / CARACTERISTIQUES MECHANIQUES				
PRÓBASZÁM SAMPLENO. PROBENR. NO. D'ÉPROUVETTE	R _m N/mm ²	R _{p0,2} N/mm ²	A ₅ %	HB / WEBSTER
544687	321	301	14	
SZABVÁNY LIMIT NORM NORME	295	255	8	

Igazoljuk, hogy a fenti anyagot megvizsgáltuk és megfelel a rendelés visszaigazolásában leírt feltételeknek.
We hereby certify, that the material described above has been tested and complies with the terms of the confirmation of order.
Es wird bestätigt, dass die Lieferung geprüft wurde und den Vereinbarungen bei der Auftragsbestätigung entspricht.
Nous certifions que la livraison a été vérifiée et est conforme aux stipulations de la confirmation de la commande.

Form Nr. 636/EXTR/EXTQAT-R2-01.01.

T17874



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

CERTIFICATE OF CONFORMITY

Certificate No.....: 340972 / 3 / 857812
Customer Purchase Order No: Y48493
MetalFast Delivery Note No: 857812
Despatch Date.....: 20/04/07
Description.....: ALUM ALLOY FLAT 6082T6
Quantity/Size.....: 1 Off **50mm X 10mm x 4.000 Metres
WRAPPED

Quantity	Stock No	Our Ref.	Test Cert No	Cast Number	App
1	157823	443461	145765	RMR6321B	

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

sapa

Sapa Profiles Limited
Tibshelf, Alfreton, Derbyshire,
DE55 5NH, England
Tel: (01773) 872781
Fax: (01773) 874389

Date: 13/10/06

Certificate No: 145765

Other Certificate No:
(If applicable)**CERTIFICATE OF CONFORMITY**

METALFAST LIMITED
BLACKWORTH INDUSTRIAL ESTATE
HIGHWORTH

SWINDON
WILTSHIRE

SN6 7RF

ORDER DETAIL

CUSTOMER ORDER No.		SAPA ORDER No.	DESCRIPTION			
83608		3071866 - 10	Std FB 50 x 10 mm			
KG6	No. OF PCS.	LENGTH	DIE No.	ALLOY	TEMPER	FINISH
506	96	4000	4-0662	8082	T6	C
TYPE OF PACKAGING:		Bundle				

CHEMICAL ANALYSIS

CAST No.	Fe	Si	Cu	Zn	Ti	Mn	Cr	Mg
RMR6321B	0.231	0.884	0.011	0.013	0.007	0.496	0.002	0.675

MECHANICAL TEST RESULTS

VICKERS	0.2% PROOF (N/mm ²)	U.T.S. (N/mm ²)	ELONGATION (%)	ENTRY BY
	309	325	12	ards / ards

REMARKS: Item No: UP0092301002

(If applicable)

CERTIFICATION STATEMENT

Certified that the whole of the supplies detailed hereon have been inspected, tested and certificated in accordance with EN 10204: 1991:3.1.B and unless otherwise stated, conform in all respects to the requirements of BS EN ISO 9001:2000 and as a minimum, within the specifications of BS 1474:1987, to the approved drawing(s) and order/contract relative thereto, being manufactured in the United Kingdom.

SIGNED:



FORM: SAPA - 21 B 198UC 2

For and on behalf of Sapa Profiles Limited

METALFAST A DIVISION OF TKM UK LTD

BATCH 157823

13 OCT 2006

ENTERED *JP*VERIFIED TRUE COPY OF ORIGINAL
TEST CERTIFICATE IN OUR POSSESSIONSIGNED *L. H. H. H.*

DATED 23/10/07

Despatch No.: 857812 Date: 20/04/07 S/O No.: 340972 Cust Name: HYT003
Cust Ref: Y48493 Parent: 157823 Cast No.: RMR6321B Pack No.: 1538042
Weight: 5.500 Pieces: 1 Size: 4.000 Supplied by Metalfast Ltd



1186244

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

118644



TEST CERTIFICATE

CERTIFICATE NUMBER
DELIVERY NOTE NO

132674-6-1
170086

CUSTOMER
ADDRESS

METALFAST LTD
BLACKWORTH INDUSTRIAL ESTATE
HIGHWORTH
WILTSHIRE SN6 7AF

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

BATCH 156259

ALLOY AND TEMPER 6082-T6

04 SEP 2006

CAST NUMBER XFFY

ENTERED *ooc*

Si%	Fe%	Cu%	Mn%	Mg%	Cr%	Zn%	BP%	Pb%	Zr%	Ti%	V%
0.98	0.22	0.018	0.52	0.84	0.005	0.004	0.000	0.001	0.001	0.016	0.000

NO	PROOF (MPa)	U.T.S (MPa)	ELONGATION (%)	GAUGE (mm)	TEST DATE
322	347	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:

[Signature]

(LAB Technician)

Approved:

HHE - Metallurgist

[Signature]

VERIFIED TRUE COPY OF ORIGINAL
TEST CERTIFICATE IN OUR POSSESSION

SIGNED *[Signature]*

DATED 23/04/07

Dispatch No.: 857812 Date: 20/04/07 B/O No.: 340972 Cast 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 YAMASK LTD

S.C. ALRO S.A. SLATINA	CERTIFIED SRAC-IQNet ISO 9001/2001 No. 10/3-2007	INSPECTION CERTIFICATE	No: 3676 Date: 7/25/2007
---------------------------	---	---------------------------	-----------------------------

CUSTOMER : E-METALS LTD

CONTRACT/ORDER : 021 9933
BILL OF DELIVERY : 72670
TRUCK/CONTAINER : B 60 AKU/ B 60 DJW

MATERIAL : ALUMINIUM PLATES
ALLOY : EN AW-6082
DIMENSIONS (mm) : SM295 10X1250X2500

TEMPER: T651

ACCORDING TO : EN 485 - 515 - 573

ACCORDING TO : EN 486 - 515 - 575

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					
Specified values:			min. max.		min. max.	min.	min.					
			300		255	9	91					
LOT / BATCH	CASE	NET WEIGHT kg	Measured values:									
SM295 7040096	883	506	322		308	13	104					
			323		307	13	104					
CHEMICAL COMPOSITION %												
BATCH	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	Al
7040096	0.86	0.46	0.08	0.49	0.87	0.03	0.003	0.009	0.016	0.001	0.001	REM.
Acc. Standard	Min.	0.7		0.4	0.6							REM.
	Max.	1.3	0.5	0.1	1	1.2	0.25	0.05	0.2	0.1	0.05	0.05
Remarks:						Other- Each- Max.: 0.05		OthersTotal- Max.: 0.15				

REMARKS:

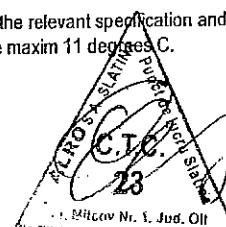
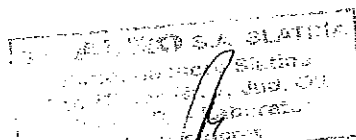
ACCORDING TO: EN 485-2:2004; EN 515:1994; EN 573-3:2004

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. The differences between metal and air must be maxim 11 degrees C.

According to EN 10204:2004 3.1

QUALITY CONTROL DEPT.

cod f1/PO-051/Rev.0/2007



T18957/958

T18957/958

50641

718955/956
46662/63/64

S.C. ALPROM S.A. SLATINA	CERTIFIED SRAC-IQNet ISO 9001/2001 No. 23/2-2005	INSPECTION CERTIFICATE	EN 10204 3.1	No. 4679
-----------------------------	---	---------------------------	-----------------	-------------

CUSTOMER : E-METALS LTD

CONTRACT/ORDER : 2071 AMB/09170

BILL OF DELIVERY : 69447

TRUCK/CONTAINER : PH 08 VSY/ PH 08 XTZ

MATERIAL : ALUMINIUM PLATES
 ALLOY : EN AW-6082
 DIMENSIONS (mm) : DM110 - 2 6.35X1250X2500

TEMPER: T651

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		
Specified values:			min.	max.	min.	max.	min.	min.		
			300		255		9	91		
LOT / BATCH		CASE	NET WEIGHT kg		Measured values:					
DM110 2 6070830		743;744;760	2035		300	276	14	100		
					301	280	13	100		
CHEMICAL COMPOSITION %										
BATCH	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ni	Ti	Al
6070830	0.95	0.22	0.004	0.56	0.91	0.004	0.006	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	
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.

8/21/2006

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.

31

718955/956

S.C. ALRO S.A. SLATINA	CERTIFIED SRAC-IQNet ISO 9001/2001 No. 10/3-2007	INSPECTION CERTIFICATE	No: 4765 Date: 8/31/2007
---------------------------	---	---------------------------	-----------------------------

CUSTOMER : E-METALS LTD

CONTRACT/ORDER : 021 10902
BILL OF DELIVERY : 73191
TRUCK/CONTAINER : AG 74 EXP/ AG 75 EXP

MATERIAL : ALUMINIUM PLATES
ALLOY : EN AW-6082
DIMENSIONS (mm) : ZM0587 - 25.4X1250X2500

TEMPER: T651

ACCORDING TO : EN 485 - 515 - 573

ACCORDING TO : EN 485-515-575

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:				295		240		8	89			
LOT / BATCH	CASE		NET WEIGHT kg	Measured values:								
ZM0587 S17080824	587,588		1500	299		272		12	119			
				315		288		13	119			
CHEMICAL COMPOSITION %												
BATCH	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	Al
S17080824	0.82	0.21	0.003	0.45	0.88	0.003	0.005	0.012	0.008	0.012	0.012	REM.
Acc. Standard	Min.	0.7		0.4	0.6							REM.
	Max.	1.3	0.5	0.1	1	0.25	0.05	0.2	0.1	0.05	0.05	
Remarks:						Other- Each- Max.: 0.05			OthersTotal- Max.: 0.15			

REMARKS:

ACCORDING TO: EN 485-2:2004; EN 515:1994; EN 573-3:2004

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. The differences between metal and air must be maxim 11 degrees Celsius.

According to EN 10204:2004 3.1

QUALITY CONTROL DEPT.

cod f1/PO-051/Rev.0/2007

S.C. ALRO S.A. SLATINA
Punct de lucru Slatina
Str. Milcov Nr. 1 Jud. Gi
Serv. CTC - Laborator
Al. Prelucrat

S.C. ALRO S.A. SLATINA
Punct de lucru Slatina
Str. Milcov Nr. 1 Jud. OH
25

18960/961

S.C. ALRO S.A. SLATINA	CERTIFIED SRAC-IQNet ISO 9001/2001 No. 10/3-2007	INSPECTION CERTIFICATE	No: 3265 Date: 7/11/2007
---------------------------	---	---------------------------	-----------------------------

CUSTOMER : E-METALS LTD

CONTRACT/ORDER : 021 9937

BILL OF DELIVERY : 72481

TRUCK/CONTAINER : B 130826/B 54 WYM

MATERIAL : ALUMINIUM PLATES
 ALLOY : EN AW-6082
 DIMENSIONS (mm) : SM315 12X1250X2500

TEMPER: T651

ACCORDING TO : EN 485 - 515 - 573

ACCORDING TO

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:				300		255		9	91			
LOT / BATCH		CASE	NET WEIGHT kg	Measured values:								
SM315 7040096		857;876	2163	312		296		12	100			
				317		300		12	100			
CHEMICAL COMPOSITION %												
BATCH	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	Al
7040096	0.86	0.46	0.08	0.49	0.87	0.03	0.003	0.009	0.016	0.001	0.001	REM.
Acc. Standard	Min.	0.7		0.4	0.6							REM.
	Max.	1.3	0.5	1	1.2	0.25	0.05	0.2	0.1	0.05	0.05	
	Remarks:					Other- Each- Max.: 0.05			OthersTotal- Max.: 0.15			

REMARKS:

ACCORDING TO: EN 485-2:2004; EN 515:1994; EN 573-3:2004

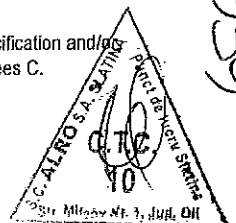
We hereby certify that the material detailed hereon has been produced and tested according to the requirements of the relevant specification and/or order. Keep in dry conditions, without large temperatures variations. The differences between metal and air must be maxim 11 degrees C.

According to EN 10204:2004 3.1

QUALITY CONTROL DEPT.

cod f1/PO-051/Rev.0/2007

S.C. ALRO S.A. SLATINA
 Punct de lucru Slătina
 Str. Milcov Nr. 1, Jud. Cluj
 Serv. CTS - Laborator
 A. Prodan



84777/78
 656811
 T18959

T18959

Présmű Alba Kft.

H-8000 Székesfehérvár

Verségi u. 1-15.

Tel.: 36 22 531200

Fax: 36 22 531270



KE-142263-01-02

MINOSÉGI BIZONYÍTVÁNY INSPECTION CERTIFICATE ABNAHMEPRÜFZEUGNIS CERTIFICAT DE RÉCEPTION		EN 10 204 - 3.1 (DIN 50049)	DATUM DATE 2007.01	SZ. NO. 558665
VEVO COSTUMER KUNDE CLIENT			REND.SZ. ORDERNO. AUFTRAGSNR. NO.DE COMMANDE	2007 9948 1 10
VEVO REND.SZ. CUST. ORDERNO. AUFTRAGSNR. NO.DECOMMANDE DU CLIENT		10868	PROFILSZÁM SECTIONNO. PROFILNR. NO.DE PROFILÉ	03189 - 001
VEVO PROFILSZÁMA CUST.SECTIONNO. PROFILNR. KUNDE NO.DE PROFILÉ DU CLIENT		U 3"x2"x1/4"x1/4"	SÜLY WEIGHT GEWICHT POIDS	1001
			ÖTVÖZET ALLOY LEGIERUNG ALLIAGE	6082 T6 BS 1474

KÉMIAI ÖSSZETÉTEL / CHEMICAL COMPOSITION / CHEMISCHE ZUSAMMENSETZUNG / COMPOSITION CHIMIQUE										
BETÉT CHARGE	%Si	%Fe	%Cu	%Mn	%Mg	%Cr	%Zn	%Ti	%	%
0750747	0,86	0,3	0,08	0,45	0,68	0,01	0,04	0,02		
SZABVÁNY LIMIT	0,7	0	0	0,4	0,6	0	0	0		
NORM NORME	1,3	0,5	0,1	1	1,2	0,25	0,2	0,1		

MECHANIKAI TULAJDONSÁGOK / MECHANICAL PROPERTIES / MECHANISCHE EIGENSCHAFTEN / CARACTERISTIQUES MECHANIQUES				
PRÓBASZÁM SAMPLENO. PROBENR. NO.D'ÉPROUVETTE	R _m N/mm ²	R _{p0,2} N/mm ²	A ₅ %	HB / WEBSTER
779076	325	317	12	
SZABVÁNY LIMIT NORM NORME	295	255	8	

Igazoljuk, hogy a fenti anyagot megvizsgáltuk és megfelel a rendelés visszalazolásában leírt feltételeknek.
We hereby certify, that the material described above has been tested and complies with the terms of the confirmation of order.
Es wird bestätigt, dass die Lieferung geprüft wurde und den Vereinbarungen bei der Auftragsbestätigung entspricht.
Nous certifions que la livraison était vérifiée et est conforme aux stipulations de la confirmation de la commande.

Form Nr. 635/EXTR/EXTQAT-R2-01.01.

Présmű Alba Kft.
Székesfehérvár
Minőségirányítás

51486
T18953

18951
Présmű Alba Kft.
H-8000 Székesfehérvár
Verseci u. 1-15.
Tel.: 36 22 531200
Fax: 36 22 531270



KE-142169-Q-07

MINŐSÉGI BIZONYÍTVÁNY INSPECTION CERTIFICATE ABNAHMEPRÜFZEUGNIS CERTIFICAT DE RÉCEPTION	EN 10 204 - 3.1 (DIN 50049)	DATUM DATE 2007.01	SZ. NO. 558428
		REND.SZ. ORDERNO. AUFTRAGSNR. NO.DE COMMANDE	2007 9949 1 10
VEVŐ COSTUMER KUNDE CLIENT		PROFILSZÁM SECTIONNO. PROFILNR. NO.DE PROFILÉ	11594 - 001
VEVŐ REND.SZ. CUST. ORDERNO. AUFTRAGSNR. NO.DECOMMANDE DU CLIENT	10869	SÚLY WEIGHT GEWICHT POIDS	3802
VEVŐ PROFILSZÁMA CUST.SECTIONNO. PROFILNR. KUNDE NO.DE PROFILÉ DU CLIENT	U 4"x2"x1/4"x5/16"	ÖTVÖZET ALLOY LEGIERUNG ALLIAGE	6082 T6 BS 1474

KÉMIAI ÖSSZETÉTEL /CHEMICAL COMPOSITION / CHEMISCHE ZUSAMMENSETZUNG / COMPOSITION CHIMIQUE									
BETÉT CHARGE	%Si	%Fe	%Cu	%Mn	%Mg	%Cr	%Zn	%Ti	%
0730774	0,83	0,27	0,07	0,46	0,69	0,02	0,02	0,01	
SZABVÁNY LIMIT NORM NORME	0,7 1,3	0 0,5	0 0,1	0,4 1	0,6 1,2	0 0,25	0 0,2	0 0,1	

MECHANIKAI TULAJDONSÁGOK / MECHANICAL PROPERTIES / MECHANISCHE EIGENSCHAFTEN / CARACTERISTIQUES MECHANIQUES			
PRÓBASZÁM SAMPLENO. PROBENR. NO.D'ÉPROUVETTE	R _m N/mm ²	R _{p0,2} N/mm ²	A ₅ % HB / WEBSTER
778914	316	299	10
778915	320	304	10
SZABVÁNY LIMIT NORM NORME	295	255	8

Igazoljuk, hogy a fenti anyagot megvizsgáltuk és megfelel a rendelés visszaigazolásában leírt feltételeknek.
We hereby certify, that the material described above has been tested and complies with the terms of the confirmation of order.
Es wird bestaetigt, dass die Lieferung geprüft wurde und den Vereinbarungen bei der Auftragsbestaelligung entspricht.
Nous certifions que la livraison était vérifiée et est conforme aux stipulations de la confirmation de la commande.

Form Nr. 636/EXTR/EXTQAT-R2/01.01.

Présmű Alba Kft.
Székesfehérvár
Minőségirányítás

51435 18951