MARK WESTERHOFF. C903RV

DOCUMENT NO.
HI-2621.

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.: 9548.
CONSIGNEE: S.M.D.-HYDROVISION LIMITED.
ADDRESS: WINCOMBLEE RD, WALKER, NEWCASTLE-UPON-TYNE.
ORDER NO.: 59100.

Certificate of Conformance

DESCRIPTION	QTY	SPEC/DRG. NUMBER & ISSUE NUMBER	IDENTIFICATION SERIAL Nos.	BATCH No.	~~CAST No.~~	TEST REPORT Nos.
PLATE-TOP MOUNT LIGHTING BAR.	2.	AB6678. iss.1.				T19039.
SPACER-LIGHTING BAR MOUNT.	2.	AB6679. iss.0.				T19020
FAB'-HDTV HANGER	1.	AB6677. iss.0.			T16222,	T19018.
BRKT-12-ST HCU MNT.	1.	AB7445. iss.0.				T18643.
FABRICATION - LIGHTING BAR.	1.	AB6676. iss.0.			T18901 T19018	T16222 T19054.

CONDITIONS OF MATERIALS AS DESPATCHED: MTL' CERT'S ENCLOSED. DYE-PEN' CERT' TO FOLLOW.

DETAILED RECOMMENDATIONS FOR SUBSEQUENT HEAT TREATMENT(S) WHERE SUCH IS NOT STIPULATED IN THE RELEVANT SPECIFICATION

DEVIATIONS (EG. MAJOR CONCESSIONS OR PRODUCTION PERMITS).
ITEM.1. R10 MISSING, ACCEPT REF. R.GARNER.

THE ITEMS ON DELIVERY NOTE No. Y34091. 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
DATE: 19-11-07.

DISTRIBUTION:-

sapa:

Date: 22/07/05

Certificate No: 15848

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 65

T18643

CERTIFICATE OF CONFORMITY

METALFAST LTD
BLACKWORTH IND. ESTATE
HIGHWORTH
SWINDON
WILTSHIRE SN6 7RF

BATCH 139595
26 JUL 2005
ENTERED QC

ORDER DETAIL

Customer Order No	Sapa Order No	Description		
55085	3044411 20	Std UA 2" x 1 1/2" x 1/4"		
Length	**Item No**	**Alloy**	**Temper**	**Finish**
5000.00	UP0026401010	6082	T6	C

Packaging Detail:- Bundle

Pieces 76 **Kilos** 544

CHEMICAL ANALYSIS

Sapa MO	Cast No	Si	Mg	Fe	Mn	Zn	Cu	Ti	Cr
3268329	RMR4487A	0.962	0.663	0.218	0.492	0.014	0.014	0.014	0.004

MECHANICAL TEST RESULTS

Sapa MO	U.T.S (N/mm²)	0.2% Proof Stress (N/mm²)	Elongation %
3268329	308	281	14

Remarks:
(If applicable)

CERTIFICATION STATEMENT

Certified in accordance with EN 10204:1991, 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 21 Issue 3

METALFAST A DIVISION OF TRM UK LT
VERIFIED TRUE COPY OF ORIGINAL
TEST CERTIFICATE IN OUR POSSESSIO
SIGNED .....
DATED 23/04/07

Despatch No.: 857812 Date: 20/04/07 S/O No.: 340972 Cust Name: HXT003
Cust Ref: Y48493 Parent: 139595 Cast No.....: RMR4487A Pack No.....: 1316091
Weight: 7.400 Pieces: 1 Size: 5.000 Supplied by Metalfast Ltd

T18643

T18643

A Company of ThyssenKrupp Services **Metalfast**

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

CERTIFICATE OF CONFORMITY

Certificate No.....: 340972 / 12 / 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 2" X 1.1/2" X 1/4" x 5.000 Metres

Quantity	Stock No	Our Ref.	Test Cert No	Cast Number	App
1	139595	268472	15848	RMR4487A	

'ertified that the whole of the supplies detailed hereon, unless otherwise
'tated, are covered by the source's Certificate of Conformity or Test
'ertificate referenced hereon and has been subject to Metalfast's approved
'uality management system.
'etalfast has been registered by SGS Yarsley ICS against ISO 9001, certificate
umber 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 521 113
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

T18643

T16222

METALFAST Limited

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

CERTIFICATE OF CONFORMITY

Certificate No.....: 209748 / 1 / 701687

Customer Purchase Order No: Y45190

MetalFast Delivery Note No: 701687

Despatch Date.....: 16/03/04

Description.....: ALUM ALLOY PLATE 5083 H111
TEST CERTIFICATE

Quantity/Size.....: 7 Off 1/4" x 0.585 x 0.552 Metres

Quantity	Stock No	Our Ref.	Test Cert No	Cast Number	App
7	118012	KA009338	03.23232	13-736	

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 9002, certificate number Q13341

Blackworth Industrial Estate, Highworth, Swindon SN6 7RF
Swindon Sales: Tel. 01793 767676 Fax 01793 767654
Midland Sales: Tel. 01215 211111 Fax 01215 211133
Anglia Sales: Tel. 01480 451144 Fax 01480 420910
North West Sales: Tel. 01614 943636 Fax 01614 943649
Accounts: Tel. 01793 767670 Fax 01793 767650
E-Mail: sales@metalfast.co.uk
www.metalfast.co.uk
Company Number 1776364
VAT Reg Number GB 392 0833 48

T16222

T16222

KYMS

INSPECTION CERTIFICATE № 03.23232

EN 10204 - 3.1.B.

TÜV CERT ISO 9001

Consigner: Kamensk Uralsky Metallurgical Works, JSC., 5, Zavodskaya St., Kamensk Uralsky Sverdlovsk Region, 623405 Russia fax: (007) 343-78-9-56-20	Shipping Date: 12/11/2003
	Plant Order №: 1391
Consignee: Metalfast Ltd	Quantity: 15
	Weight, kg.: 803
Contract number Z4162-S	Specification №: Z4162
43173	Lot №: 1
Our Order №:	Package №: 273041

Description of Goods: Sheets

Temper of Alloy	Grade of Product	Dimensions, inch/mm
5083 H111	-	6.300X1250.0X2500.0

Requirements on the Products:

Material conforms to quality of alloy: 5083

Product conforms to all requirements of: EN 573-3, EN 485-1,2,3,4

Mechanical Properties

The Condition of Tested Standards (batch)	Lot Number	Cast Number	Number of Tests	Tensile Strength MPa min	Tensile Strength MPa max	Yield Strength (0,2% offset) MPa min	Yield Strength (0,2% offset) MPa max	Elongation, % min	Elongation, % max	Hardness, HB
Required				-	-	-	-	-	-	-
-	510232	13-736	2	292.0	294.0	161.0	168.0	24.0	24.0	-

Chemical Composition, %

Element	Silicon Si	Iron Fe	Copper Cu	Manganese Mn	Magnesium Mg	Chromium Cr	Nickel Ni	Zinc Zn	Titanium Ti	Zirconium Zr
Required	0.40	0.40	0.10	0.40-1.00	4.00-4.90	0.05-0.25	-	0.25	0.15	-
Contents	0.10	0.10	0.02	0.67	4.40	0.10	-	0.02	0.04	-

Element	Ti+Zr	Na	Tin Sn	Bismuth Bi	Plumbum Pb	Mn+Cr	Ca	Other Elements Each	Other Elements Total	Al
Required	-	-	-	-	-	-	-	0.05	0.15	base
Contents	-	-	-	-	-	-	-	0.05	0.15	base

Other Tests

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

On behalf: KUMW, JSC. 118012

Date: 12/11/2003 04 DEC 2003

Inspector: L.A.Savenkova

Inspection Department engineer N.V. Alekhina

Despatch No.: 701687 Date: 16/03/04 S/O No.: 209748
Cust Name: Hy-tek (Engineering Services) Limited Cust Ref: Y45190 Parent: 118012
Cast No.....: 13-736 Pack No.....: 510232 273041 Weight: 40.073 Pieces: 7
Size: 0.585 x 0.552 Supplied by Metalfast Ltd

T16222

T19018

Anglia ALLOYS LIMITED

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

INVOICE No.	153552
DATE	03/11/2007
DELIVERY NOTE	153552
OUR REF.	129063
YOUR ORDER No.	Y49008

Suppliers of:
Aluminium, Stainless Steel,
Copper & Brass

CERTIFICATE OF CONFORMITY

INVOICE TO:

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

DELIVER TO:

QUANTITY	DESCRIPTION
20.00	Aluminium RHS 6082T6 2 x 2 x 10g Supply 4 @ 5 Metres

- T19018

CERTIFICATE OF CONFORMITY

ALL GOODS REMAIN THE PROPERTY OF ANGLIA ALLOYS LIMITED UNTIL PAYMENT IS RECEIVED IN FULL

Scrl-cked

THIS CERTIFICATE CONFIRMS THE GOODS DETAILED ABOVE CONFORM TO THE RELATIVE SPECIFICATIONS SHOWN.

T.MBY

CHECKED BY: 1/1/07

V.A.T REG. No. 427 9008 45

TERMS: NETT 30 DAYS

T19018

Sapa Profiles Kft.
H-8000 Székesfehérvár
Verseci u. 1-15.
Tel.: 36 22 531200
Fax: 36 22 531270

Hydria Alloys
ATTN: STEVE
FAX: 01493 655 391.

sapa:

T19020

LOT / 3393

MINOSÉGI BIZONYÍTVÁNY INSPECTION CERTIFICATE ABNAHMEPRÜFZEUGNIS CERTIFICAT DE RÉCEPTION	EN 10 204 - 3.1 (DIN 50049)	DATUM DATE DATUM DATE	2007.0! SZ. NO. NR. NO. 564471
		REND.SZ. ORDERNO. AUFTRAGSNR. NO.DE COMMANDE	2007 13122 2 10
VEVO COSTUMER KUNDE CLIENT		PROFILSZÁM SECTIONNO. PROFILNR. NO.DE PROFILÉ	20146 - 001
VEVO REND.SZ. CUST. ORDERNO. AUFTRAGSNR. NO.DECOMMANDE DU CLIENT	PO004008	SÚLY WEIGHT GEWICHT POIDS	581
VEVO PROFILSZÁMA CUST.SECTIONNO. PROFILNR. KUNDE NO.DE PROFILÉ DU CLIENT	Flat bar 3"x5/8"	ÖTVÖZET ALLOY LEGIERUNG ALLIAGE	6082 T6 BS 1474 /Bar/

KÉMIAI ÖSSZETÉTEL /CHEMICAL COMPOSITION / CHEMISCHE ZUSAMMENSETZUNG / COMPOSITION CHIMIQUE

BETÉT CHARGE	%Si	%Fe	%Cu	%Mn	%Mg	%Cr	%Zn	%Ti	%	%
0730903	0,86	0,3	0,07	0,45	0,69	0,00	0,03	0,02		
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/mm²	$R_{p0,2}$ N/mm²	A_5 %	HB / WEBSTER
787382	323	311	13	
SZABVÁNY LIMIT NORM NORME	310	270	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 compiles with the terms of the confirmation of order.
Es wird bestaetigt, dass die Lieferung geprüft wurde und den Vereinbarungen bei der Auftragsbestaetigung entspricht.
Nous certifions que la livraison était vérifiée et est conforme aux stipulations de la confirmation de la commande.

Sapa Profiles Kft
Székesfehérvár
Minőségirányítás

Form Nr. 036/EXTR/EXTQAT-R2-/01.01.

T19020

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

INVOICE No.	153571
DATE	02/11/2007
DELIVERY NOTE	153571
OUR REF.	129121
YOUR ORDER No.	Y49008

Suppliers of:
Aluminium, Stainless Steel,
Copper & Brass

CERTIFICATE OF CONFORMITY

INVOICE TO:

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

DELIVER TO:

QUANTITY	DESCRIPTION
1.00	Aluminium Alloy Flat 6082T6 3 x 5/8 Supply 1 Metre

T 19020

CERTIFICATE OF CONFORMITY

Unchecked

ALL GOODS REMAIN THE PROPERTY OF ANGLIA ALLOYS LIMITED UNTIL PAYMENT IS RECEIVED IN FULL

THIS CERTIFICATE CONFIRMS THE GOODS DETAILED ABOVE CONFORM TO THE RELATIVE SPECIFICATIONS SHOWN.

TIMBER

CHECKED BY: 11/07

V.A.T REG. No. 427 9008 45

TERMS: NETT 30 DAYS

T19020

T19039

ALC 26827

50781/84/05

LEENGATE METALS CENTRE LTD.
THIS IS TO VERIFY THAT THE CERTIFICATE SUPPLIED IS A TRUE COPY OF THE ORIGINAL
Authorised Signatory.....
Date..... 19/9/07 .....

S.C. ALRO S.A. SLATINA	CERTIFIED SRAC-IQNet ISO 9001/2001 No. 10/3-2007	INSPECTION CERTIFICATE	No: 3267 Date: 7/11/2007

CUSTOMER :

CONTRACT/ORDER : 021 10751
BILL OF DELIVERY : 72482
TRUCK/CONTAINER : B 130826/B 54 WYM

LP 9965

MATERIAL : ALUMINIUM SHEETS
ALLOY : EN AW-6082 **TEMPER:** T651
DIMENSIONS (mm) : SN086 - 1 4X1250X2500
SN085 - . 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 Mpa min.	Rm Mpa max.	Rp0.2 Mpa min.	Rp0.2 Mpa max.	Elong. % 50mm min.	Hardness HB min.
Specified values:	310		260		10	

LOT / BATCH	CASE	NET WEIGHT kg	Measured values:			
SN086 1 S27050186	32	1030	329	313	10	
			338	329	10	
SN085 S27050183	31;33	2019	328	311	13	
			322	308	13	

CHEMICAL COMPOSITION %

BATCH	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	Al
S27050186	0.93	0.37	0.01	0.5	0.91	0.019	0.005	0.012	0.015	0.012	0.012	REM.
S27050183	0.8	0.34	0.01	0.58	0.98	0.019	0.005	0.015	0.014	0.001	0.001	REM.
Acc. Standard Min.	0.7			0.4	0.6							REM.
Acc. Standard Max.	1.3	0.5	0.1	1	1.2	0.25	0.05	0.2	0.1	0.05	0.05	
Acc. Standard Remarks:						Other- Each- Max.: 0.05			Others Total- Max.: 0.15			

T19039

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

C.T.C. 10

T18901

S.C. ALPROM S.A. SLATINA	CERTIFIED SRAC-IQNet ISO 9001/2001 No. 23/2-2005	TEST CERTIFICATE	EN 10204 3.1	No. 5930

CUSTOMER : MG NON FERROUS LTD

CONTRACT/ORDER : 1102 PO 00284
BILL OF DELIVERY : 70060
TRUCK/CONTAINER : CJ 29 EIT/ CJ 9317

BATCH 157993
16 OCT 2006
ENTERED

MATERIAL : ALUMINIUM PLATES
ALLOY : EN AW-5083 **TEMPER:** O
DIMENSIONS (mm) : FM057 - 6 10X1250X2500

ACCORDING TO : EN 485 - 515 - 573

MECHANICAL PROPERTIES 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	126		16	75
LOT / BATCH	CASE	NET WEIGHT kg	Measured values:				
FM057 6	708-710	3092	291	170		25	79
FM057			286	170		25	79

CHEMICAL PROPERTIES

BATCH	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ni	Ti	Al
FM057	0.16	0.24	0.01	0.6	4.38	0.11	0.006	0.005	0.036	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: IRREVOCABLE STAND-BY L/C no. FOBEUKM517888

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: 10/10/2006 **QUALITY CONTROL DEPT.**

cod F-PS-06-04/3 Rev.5

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

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

METALFAST A DIVISION OF TKM UK LTD

VERIFIED TRUE COPY OF ORIGINAL TEST CERTIFICATE IN OUR POSSESSION

SIGNED

DATED 06/09/07

Despatch No.: 878431 Date: 06/09/07 S/O No.: 359000 Cust Name: HYT003
Cust Ref: Y48839 Parent: 157993 Cast No.....: FM057 Pack No.....: 2/3
Weight: 5.867 Pieces: 1 Size: 0.822 x 0.255 Supplied by Metalfast Ltd

T18901

T18901

Inspection Certificate 3.1
EN 10204

HYDRO

Hydro Aluminium Deutschland GmbH, Pf.100664, D41490 Grevenbroich **METALFAST Ltd.** **BLackworth Industrial Estate** **Highworth** **SWINDON** **Wiltshire** **SN6 7RF** **UNITED KINGDOM**	Packing List No.: 135170711 Certificat-No.: 752797 Order-No.: 123246 / 10 Customer Order-No.: 63522	Product: AL-SHEETS / 5083 H111 HOT ROLLED, ACC. TO EN 485.2+3 / 573.3 WITH PAPER INTERLEAVED / STENCIL MARKED WITH TEST CERTIFICATE EN 10204 / 3.1.	
		Dimension: 10.00000 x 2000.000 x 4000.00 MM	Quantity: 8415,00 KG
		Alloy: 5083	
		Temper: H111	

TEST RESULTS

Coil-No.	to Coil-No	Charge	Mechanical Properties Rp0,2 MPa	Rm MPa	A50 %				
1029000100		100137703	167	298	23		BATCH 163734 13 MAR 2007 ENTERED		

CHEMICAL COMPOSITION

Charge	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti		
	%	%	%	%	%	%	%	%		
100137703	0,1380	0,2670	0,0150	0,5010	4,4350	0,0660	0,0090	0,0189		

REMARK

WE HEREBY CERTIFY, THAT THE MATERIAL DESCRIBED ABOVE HAS BEEN TESTED AND COMPLIES WITH THE TERMS OF THE ORDER CONTRACT. THE INSPECTION RESULTS INDICATED IN THE CHEMICAL COMPOSITION STEM FROM THE MANUFACTURER OF THE CHARGE. THIS INSPECTION CERTIFICATE HAS BEEN PRINTED BY COMPUTER SYSTEM.

MANUFACTURER: HydroAluminium Deutschland GmbH Works Norf
WORKS INSPECTOR: H. Woeffen

Grevenbroich, 16.03.2007

Hydro Aluminium Deutschland GmbH
Quality Assurance

Despatch No.: 878431 Date: 06/09/07 S/O No.: 359000 Cust Name: HYT003
Cust Ref: Y48839 Parent: 163734 Cast No.....: 100137703 Pack No.....: 9845161308
Weight: 5.867 Pieces: 1 Size: 0.822 x 0.255 Supplied by Metalfast Ltd

METALFAST A DIVISION OF TKM UK LT

VERIFIED TRUE COPY OF ORIGINAL
TEST CERTIFICATE IN OUR POSSESSIO

SIGNED .....

DATED 06/09/07

040494 KA KA-126016-02

KA-126016-01-04

Alcoa Europe

European Mill Products
Alcoa Trasformazioni srl
Stabilimento di Fusina
Via dell' Elettronica 31
30030 Malcontenta
Loc. Fusina (Venezia)
Italia
Tel.: 39 041 2917111
Fax: 39 041 2917250

ALCOA

INSPECTION CERTIFICATE

EN 10204 3.1

Ordernumber Alcoa	072598002
Date	12/07/07
Certificate number	W07284317
Shipment doc.ref.	009772

Your order nr	Your alloy	Your temper	Quantity
57667	5083	H111	3964 kg

Global specification

SHATE 5083 H111 485.2/573.3/515

Dimensions T*W*L 6,0000 x 1250,00 x 2500,0 mm

Remarks

Chemical composition 5083

Cast no		%Si	%Fe	%Cu	%Mn	%Mg	%Cr	%Ni	%Zn	%Ti	Others %Each	Others Total
87177C2	FEE2A	0,12	0,28	0,0074	0,62	4,67	0,099	0,0038	0,0049	0,011		
Limit	Min.				0,40	4,00	0,050					
	Max.	0,40	0,40	0,10	1,00	4,90	0,25		0,25	0,15	0,050	0,15

Mechanical properties

Coil nr:	Pallet	Rm N/mm2	Rp0.2 N/mm2	A50 %
FEE2A		294	152	24
FEE2A		295	154	26
	0619811			
	0619812			
	0619813			
	0619814			
	Min.	275	125	15
	Max.	350		

Approved by
R.Signori Test.Lab.Supervisor

Alcoa Trasformazioni S.r.l. – Sede legale: 09010 Portoscuso (Carbonia-Iglesias) Zona Industriale Portovesme – Società del Gruppo multinazionale Alcoa
Cap. Soc. € 204.000.000 int. Vers. - C.F., P. IVA e Registro Imprese Cagliari n° 02640570921 – R.E.A. C.C.I.A.A. Cagliari n° 215338

We hereby certify, that the material described above has been tested and complies with the terms of the confirmation of order.

T19054

LP11003

T19054