## **IFMAR** Electric Racing



## **BATTERY APPROVAL 2017**

Dear Madame/Sir

The 2017 IFMAR World Championships for the Electric OFF-ROAD classes (2wd & 4wd 1/10 scale) will be held in China next November. Your company is invited to submit batteries for approval previous to this IFMAR World Championship.

Lithium based (LiPo/LiFe) batteries can be submitted for IFMAR approval by the original manufacturer or their agents. IFMAR approves the construction only, which is the cell type and markings.

Supplies must be in accordance with the IFMAR <u>Electric Batteries WC rules and labelling requirements</u> as published on the IFMAR website. **You are strongly recommended to study these thoroughly <u>before</u> submitting any batteries**.

Approval is to ensure that all competitors have equal access to the latest batteries so to allow fair racing to decide the World Champion. Consequently they have to be available widely and not only locally. IFMAR makes no representation nor endorsement as to the quality or efficiency of the products approved.

Approved batteries stay on the approval list for their natural life span as long as specifications are not changed and that they are 100% compliant with the initially submitted batteries.

If <u>any part</u> of an approved battery is changed, the battery must be re-sent to IFMAR to be reapproved with a new unique identification number.

If you wish to obtain such approval for official use at the 2017 Electric W.C. and future IFMAR W.C.events, then you must apply for approval between February 13<sup>th</sup> and March 03, 2017

Be aware that the samples of the products, related documentation and the completed homologation form must be in our hands by above final date.

No exceptions will be made and any product, document or form received after the closing date, and this for any reason at all, will lead to non-approval for the 2017 World Championships and by then cannot be used by any competitor at this World event.

Your applications for approval must be submitted to IFMAR together with:

- The enclosed appropriate approval form
- Four (4) samples of the product that will be used as a future comparing reference for the approved product, packed individually in such a way that they can be transported safely in carry-on baggage on passenger aircraft.
- A written technical specification including exact dimensions (mm) and weights (gr.) with associated tolerances from the original cell or battery manufacturer for comparative verification. (Never exceeding the published IFMAR dimensions).
- The specification must also include:
- Maximum charging parameters (Amps, Voltage, C rating).
- Case material, case thickness and case sealing process.
- Safety test certification in accordance with UN Manual of Test and Criteria ST/SG/AC.10/11/Rev.5, Part 3, Sub-Section 38.3, Tests T1 to T8. or later version. <u>Copy must be supplied</u> with approval documentation.
- A list of telephone numbers, email-addresses and postal addresses of retail suppliers, shops <u>in each continent from whom the cells can be purchased.</u>

This document refers to approval for Batteries only.

(motor approval will be later in 2017)

## **IFMAR** Electric Racing



Phone: +32 476 555 308

Email: electric.chairman@ifmar.org

One sample at random may be tested and 3 samples will be kept by the Section Chairman at the disposal of the appropriate IFMAR Electric Section representatives until one month after the first event they were approved for.

A product meeting all technical specifications will be added to the approved product list, provided it passes eventual availability checks by the block representatives:

Random availability checks may be done until seventy (70) days before the start of the first concerned event. To this effect a provisional list of submitted products together with the provided addresses will be sent to the four blocs five (5) months before the event.

The update of approved products will be published as an <u>add-on to the previously published list</u> two (2) months before the first concerned event.

Send sales and documents for approval to:

IFMAR Electric Chairman Frank Mostrey Tenierslaan 28 B 1910 Kampenhout Belgium

Please ensure that, when sending samples you state on the Customs Declaration Form: "Samples Only – No Commercial Value". (For countries requiring a customs value: <u>do not exceed 19,00 USD</u> per shipment as these may be blocked by Belgian customs). Again: Do make sure that the package you send is free of costs for the receiver.

Delayed or blocked products by any authorities, door to door providers or customs (beyond the submission date) will not be allowed to the approval process nor considered a reason to extend the deadline or be subject to any claims. The submitter unconditional agrees to reimburse any at all import charges that may be invoiced to IFMAR or its officers plus a handling fee of 25USD, even if the parcel was not or released too late

The decision to refuse or to not approve submitted objects is IFMAR's exclusive right and cannot be an issue to any claims.

Submitted batteries will not be returned.

If you intend to get approval for more than one product please copy page 3 and use only one form per submitted product.

 Notify by email: electric.chairman@ifmar.org that your products have been posted and if available the handler's tracking number.





## **LITHIUM BASED BATTERY**

Original MANUEACTU	DED of batto	rv or C	\ <b>⊑</b> \/.						
Original MANUFACTURER of battery or OEM:									
Complete commercial TRADE name of battery:									
Unique Part / Reference number				(this must also be on the pack)					
Construction type:	S1 S	S2 (thi	ck one)		Stic	k Shorty	Saddle	e (circle one)	
Overall length:	mm		Height:		mm	Large:	mm:		
Case Material(s):			Case thickness: mm			Case sealing method :			
Max charging parameters Amps: Volt:			Weight: gr.			MAmpere - Wh. Rating:			
Addresses, phone, e-n	ibutors/re	outors/retailers : (re: availability checks)							
▼ Batteries available in:	Distributer	·s	Address		ses:	Email		http://www.	
Africa									
Asia								_	
Australia									
Europe North America									
South America									
						or: include a	a list as a	ttachment	
Submitting Company Name: (Use readable PRINT )									
Address:									
Country:									
E-mail:									
I hereby declare to be fully mandated to submit these samples and that the above information is correct to the best of my knowledge.  I accept that the samples and data submitted will be used as reference to check batteries at IFMAR World Championships and to grant IFMAR full rights to unconditionally publish images and data of the above products.									
It is commonly agreed that approvals turning out not to be commercially available in a satisfactory manner or subject or matter to complaints regarding international safety regulations or infringing patents will be withdrawn from the list, even after approval. In such case the submitter shall not make any claim against IFMAR, including IFMAR's representatives, employees, and sub-contractors but shall indemnify these against any legal liability for claims or suits, including costs and expenses incidental thereto provided that IFMAR notifies the submitter of any claims or suits without undue delay.									
Signed for and on behalf of::									
By (Name):									
Position:									
							Signatur	e	

(return before March 03, 2017)