



***WWW.ROARRACING.COM***

**Dear Battery Manufacturer,**

ROAR thanks you for your interest in submitting your battery pack(s) for certification in ROAR competition. ROAR members are among the most dedicated racing enthusiasts in RC racing, and we're thankful that you'd like to add your batteries to the list of products available to racers for use in ROAR sanctioned events.

Please note that there has been a change in the process of battery approval. ROAR is no longer performing tests on the batteries submitted. ROAR will instead rely on battery manufacturers to provide the appropriate industry-standard UN certifications, combined with material provided by you for your customers that details safe charging, discharging and storage procedures. Certain standards of manufacturing will also be required to prevent tampering, and to guard against punctures and battery damage from normal use. Only batteries that meet the appropriate certifications, instructions and construction standards will be certified for use in ROAR competition.

If you have any questions related to the new procedures, please contact the Technical Director at [technicaldir@roarracing.com](mailto:technicaldir@roarracing.com), who will be managing the battery certification and archive.

Steve Mruk, President - [president@roarracing.com](mailto:president@roarracing.com)

Bob Ingersoll, Administrator - [administrator@roarracing.com](mailto:administrator@roarracing.com)

Again, thank you for your support of ROAR, and for your interest in submitting your product for ROAR certification. It's a distinction that denotes a certain level of quality demanded by ROAR racers since 1967. We look forward to adding your products to the list of ROAR certified products.

Best regards,

Steve Mruk  
ROAR President

# LiPo/LIFE-BATTERY CERTIFICATION FORM

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Battery packs using Lithium Polymer (LiPo) or Lithium Iron Phosphate (LiFe) type cells may be used in ROAR racing classes after certification and final approval by the ROAR Executive Committee. The battery manufacturer/supplier must complete all sections of this application form and provide payment of the appropriate fees before certification can be considered. Please note that the fee is to cover the cost of compliance checks related to UN certification, confirmation of any specifications, and archival of the product information. The fee is not for the approval, but for the certification process. Batteries that fail the certification process will need to resubmit, which will require payment of the appropriate fees again. So, it's in the best interests of the submitting manufacturer to confirm that all specifications.

ROAR requires each battery manufacturer/supplier be a ROAR Industry Affiliate prior the approval being posted on the ROAR website.

For a new certification, the battery manufacturer/supplier must submit two (2) identical battery packs with a copy of the UN Certification of Compliance and a signed original of this form (completed) for review. The fee is \$100.00 USD.

OEM batteries, which are defined as having a running change from a previously may have a running change or re-branding, only require one (1) sample be supplied for review. The Fee is \$50.00USD.

The address for ROAR Battery Certification is:

Jason Mackanick  
238 Hickory Lane  
Shippensburg, PA 17257  
[Email: j.mackanick@comcast.net](mailto:j.mackanick@comcast.net)

Contact above to arrange for payment of fees.

Batteries must be sent via UPS, DHL, FedEx, or courier with detailed tracking information for proof of delivery. We strongly suggest you not used the postal service. Do not require signature for delivery. In the event someone is not available to sign for the package, it will not be delivered and may be returned to sender.

All batteries submitted to ROAR must have a UN Certification of Compliance for the cells used in the battery pack as it applies to Lithium based batteries must be covered by their own 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. The Certification of Compliance shall be included with each unique battery pack submitted. This information is typically available from the factory producing the LiPo batteries. Each certificate will be verified.

In addition to the above certification, each battery submitted will require a Spec Sheet detailing the case material, case thickness, the method of sealing the case, and the assembled, production battery weight. (max. tolerance +/- 4%).

Text for each production battery (submitted at time of approval) will be required to include detailed instructions for the end user regarding safe charging, use, discharging, and storage of the LiPo battery submitted to ROAR. Manufacturer is also responsible for providing detailed safety information.

Manufacturer will need to meet minimum availability requirements, which requires at least three retail outlets that stock the battery being submitted. Manufacturer will provide a list of at least three retailers, and availability will be confirmed by ROAR. The batteries MUST be in stock or have been in stock at the listed outlets or the approval may not be finalized.

The battery information submitted will be passed along to the ROAR Executive Committee for final approval. The ROAR Executive Committee will insure approved batteries will be placed on the Approved Battery List. The ROAR Technical Director will inform the manufacturers of failed battery packs and establish a plan for gaining approval. This plan, will at a minimum, require a new approval application and samples to demonstrate compliance.

# FOR MANUFACTURER/SUPPLIER USE

Battery Manufacturer/Supplier: \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_

State \_\_\_\_\_ Postal Code \_\_\_\_\_ Country \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

Technical Contact \_\_\_\_\_ Phone/Email \_\_\_\_\_

Battery Name \_\_\_\_\_ Item Number \_\_\_\_\_

Rated Capacity (mAh) \_\_\_\_\_ Nominal Voltage \_\_\_\_\_ Cell Manufacturer \_\_\_\_\_

Approval request (check one):

- New Submission (two samples required) Fee: \$100 USD
- OEM Secondary Submission (One production sample required) Fee: \$50 USD

Original battery name/number (if secondary approval): \_\_\_\_\_

Name \_\_\_\_\_ Title \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

I, the above signed, certify that all the information contained herein is correct, and that the information provided to each end user inside the retail packaging details all the information needed for safe charging, use, discharge, and storage practices for the above listed product. The maximum charge rates, discharge rates, safe storage practices, charger types, and appropriate charge modes are included, and are consistent with industry-standard practices for the safe use of LiPo batteries.