



# FORE YOUR SAFETY!

Promoting Tournament Safety for Employees, Volunteers, Players, and Guests

## Transporting Batteries Safely

Lithium batteries, which are designed to provide large amounts of energy while retaining their maximum energy capacity over time, are highly useful in electronics. Although these batteries are useful in certain equipment and applications, they can pose significant fire risk. Because of these risks, shipping and proper handling of lithium or other potentially hazardous batteries must follow strict guidelines.

In fact, formal training must occur prior to transporting lithium ion or other alkaline, NiCad, NiMH, zinc or non-spillable lead acid batteries.



### How to Ship Small Batteries

The primary concern when shipping batteries stems from the potential release of high energy stored within the batteries that could result in a fire. A wet environment, even moisture in the air, can react with

lithium resulting in the release of a very flammable gas.

Batteries come in various shapes and sizes which means they may have different shipping requirements. There are special markings, document entries and packaging required for different types of shipments. Some general guidelines to follow, but not limited to, are:

1. Receive proper training every two years from a certified instructor
2. Report any unsafe conditions to your supervisor
3. Determine if the batteries are "packed with equipment" or "contained in equipment"
4. Know the mode of transport
5. Check with carrier before packing and shipping

There is no "one size fits all" when it comes to shipping, so consult with the manufacturer and shipping provider if uncertain.

### Be on the Lookout

It is important to be able to identify items that may require specialized training and may need additional precautions before shipment. Items and equipment to be on the lookout for, but not limited to, are:

- Cameras
- Laptops
- Mobile phones
- External phone batteries
- Radios
- E-cigarettes
- Range finders

### Responsibility

Significant financial penalties and damage to person and/or property may result from the improper shipping of potentially hazardous batteries. Fines greater than \$1 million have been issued to companies who knowingly ship batteries in an improper manner.

**IT IS SOLELY THE RESPONSIBILITY OF THE SENDER TO VERIFY THAT ALL PROPER PROCEDURES HAVE BEEN FOLLOWED!**