

Team # Who is in charge of the team's Lipo Batteries?

Please read and initial all points

My team has received: 1 lipo 1300mAh, 2 lipos 500mAh, 3 voltage monitors, 1 charger,
1 charge bag

I do understand that lipos are never to be used without the voltage monitor / beeper attached.

I know how to set the "low voltage alarm" limit and will make sure it is set to 3.5V on all
monitor / beepers.

I do know cell voltage limits (min 3.5V and max 4.2V), understand that these limits are never to
be exceeded. I also know how many cells are in both our small and big batteries.

I know charge procedures: Set benchtop power supply to 15V and max. current. Attach the
"Hextronik HX8080" lipo charger. Charge batteries using the monitoring plug.

I understand that small and large batteries can not be charged at the same time.

I will make sure batteries are placed in charge bag while charging.

I will never pull on those fragile helpless little monitoring plug wires, causing them to rip or pop
from the plastic housing. Instead, I will only ever pull the plastic housing when unplugging after
charging.

I understand that the monitoring plug wires are the most likely place for damage to occur due to
being thin and weak, and the potential trouble arising from that as well as the fact that these
wires are not fused, but connect directly to each cell.

I have seen videos of lipo fires and have been instructed about the potential for such a fire to
occur and what to do in that case: Dump in sand bucket and cover with sand **if possible** -
Remove flammable items from vicinity - Avoid inhaling fumes.

At the end of each day, I will personally make sure that all our batteries are removed from our
robot. I will put them on the top bench shelf with no items connected. If I'm not available to do
this, I will make sure that the last person to leave will do it.