Embedded lithium batteries are commonly found in computer products. When damaged, they can heat up and cause fires. It is important that appropriate response materials and procedures to handle the situation are present in all areas where batteries are being worked on and where there is a potential for damage.

The materials include:

- MET-L-X class D fire extinguishing material
- A “burn box” for the bench top
- “Embedded Battery Safety” Handout
- This Fact Sheet

Dents, scratches or other damage or defects can cause a battery to heat up and produce a fire. Batteries that are “swelling” or “bulging” are also possible causes of fires. Should you encounter a heating battery,

- Place it immediately in the “Burn Box”
- Cover it with the Met-L-X extinguishing material.
- Contact EH&S for removal of the battery (8-8182)

DO NOT attempt to put out the fire with water! This will only make the problem worse.

If you need supplies or replacements of these items, contact EH&S at 8-8182.

Be sure to read the document “Embedded Battery Safety” prior to working on any batteries.

Our Mission:

Environmental Health & Safety (EH&S) is committed to providing health and safety services that protect the University community and the environment.