

College of Engineering Safety Standard

Information provided by Thomas Kohn, CoE Director for Safety



Safety Starts with you

Summer is a great time to recharge, travel, enjoy outdoor activities, and tackle long-postponed projects, but it also brings seasonal safety challenges both on and off campus.

Warmer temperatures, increased travel, outdoor work, construction activity, and laboratory transitions can all introduce additional risks if proper precautions are not taken. Whether you are working in the lab, spending time outdoors, or planning vacation travel, a little awareness and preparation can go a long way toward preventing injuries and keeping summer enjoyable for all.

Additional information can be found for the following safety topics by scanning the QR code below:

- [Sun/Skin precautions](#)



- [Fire Safety](#)



- [Boating in Wisconsin](#)



- [Yard Work](#)



- [Weather / Lightning](#)



- [Bike/Pedestrians](#)



- [Motorcycles](#)



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[Previous COE
Safety Standards](#)



LAB SAFETY

Peroxide-forming chemicals require careful handling and storage because they can develop shock-sensitive and potentially explosive peroxide crystals over time, especially when exposed to air, heat, or light. Laboratories should maintain an inventory management program to ensure older materials are disposed of before peroxide accumulation becomes hazardous. Never open or move a container if peroxide crystals or pressure buildup are suspected.

- **Label** peroxide-forming chemicals with the date received and date opened.
- Store containers **tightly** closed in a cool, dry, and well-ventilated area away from heat and sunlight.
- Regularly **inspect** containers for crystals, discoloration, evaporation, or pressure buildup.
- **Follow** recommended expiration and disposal timelines for peroxide-forming chemicals.

Battery Storage Bags

Encouraging safe practices across the College of Engineering, any device that relies on [lithium polymer \(LiPo\) batteries](#) should be stored in Fire-Resistant equipment.

Storage equipment:

- UL-listed Li-ion battery storage cabinet
- Metal container with vent hole – never airtight
- Dedicated Li-ion fire-resistant bags



COE Safety will provide fire-resistant bags to store batteries in campus labs Please reach out to discuss.

coesafety@engr.wisc.edu