



RIVERSIDE

Environmental Health,
Safety and Risk Management

12 Months of Research Safety

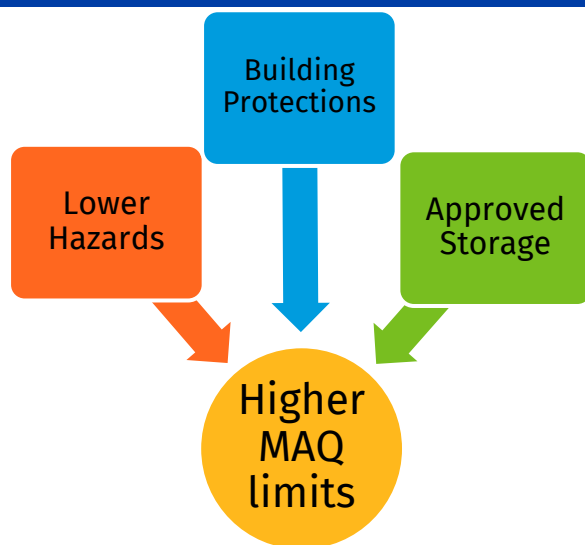
Maximum Allowable Quantities

Maximum Allowable Quantities (MAQs) are limits in the fire code for the storage of hazardous materials. These limits protect people by ensuring chemical volumes do not exceed what the building's safety features can handle.

How are MAQs Determined?

The campus Fire Marshal establishes MAQs, and EH&S works with labs to achieve compliance.

In general, MAQ limits are based on the construction of the building, the hazards of the chemicals, and how they are stored. Compared to many other lab hazards, MAQs are evaluated and shared among all the members of a control area. A control area can be a building floor or suite, depending on construction.



How can I reduce my impact on MAQs?

- Minimize over ordering – some highly hazardous materials can have limits as low as 1.25 pounds, small enough a single large container could exceed limits. Remember limits are often shared with your neighbors.
- Use lower hazard material whenever possible – lower concentrations may move a chemical from highly toxic to toxic or lower. This is better for MAQs and for safety in general.
- Keep an accurate inventory:
 - Delete entries when you dispose of a chemical
 - Check concentrations and container sizes for accuracy
- Work with EH&S when overages are found – We will share reports and assist with corrections that reduce impact on your work.

CONTACT US

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Report an incident at:

ehs.ucr.edu/report