



UNIVERSITY OF CENTRAL FLORIDA

Risk Management

PO Box 163500
Orlando, FL 32816

Generator Safety Guidelines

Events requiring the use of external power sources, such as generators, pose added risks to participants and organizers of events. In order to mitigate those risks, EHS Risk Management and Fire Safety require that individuals/organizations using a generator for an on campus event follow the guidelines listed below. Please note that approval of your SAFE Form event is contingent upon satisfying these requirements. This applies to all uses of portable power sources on university property.

Manufacturer: Follow all manufacturer recommendations and specifications for the unit being utilized. Checks should be conducted in accordance with manufacturer specifications to include any cracks, dents, or corrosion to the body of the unit.

Electrical: Ensure that the cords and wires on the generator are not frayed or exposed. Use only cords and components that are listed and approved for the intended use and load. Outdoor locations must be 3-pronged and grounded. All equipment must bear a listing mark from an approved independent testing laboratory.

Fuel: Regularly check generator for any fuel leaks. Hot fueling is not permitted. Check that the generator is off and cool before attempting to refuel. Label the generator fuel clearly, and store it in a cool location away from patrons and other combustible materials. Fuel storage is not permitted under tents or inside university facilities.

Ventilation: Carbon monoxide--an odorless, tasteless and colorless gas--starves the body of oxygen, causing nausea, headaches and even death. To avoid exposing anyone to carbon monoxide poisoning, position the generator and its exhaust system away from where patrons will assemble. Never operate a generator indoors, under tents or in enclosed spaces.

Placement: Generators must be placed away from patrons. A barrier should be placed around the generator to prevent thermal burns from heated parts, while not obstructing egress. Cord management is extremely important in order to avoid trip hazards. Clear a wide pathway to the generator to prevent falls.

Moisture: Water easily carries electrical currents. Check that the generator is positioned in a dry location. Do not operate the generator during wet weather of any kind.

If you have any additional questions, please contact Risk Management at 407-823-0206 or Fire Safety at 407-823-0073.