

## Use of Propane Heaters on University of Michigan Property Guidelines

Issue Date: September 8, 2021

Revision:

**Applies to:** Any persons making a request to make use of propane fueled heating appliances for outdoor use only on University of Michigan owned property on the Ann Arbor, Dearborn, and Flint campuses.

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### Summary:

To accommodate requests for use of propane fueled heating appliances in outdoor areas on University of Michigan property, the following guidelines are established.

### Procedure:

Any person(s) wishing to use a propane fueled heating appliance on University of Michigan Property must follow the procedures as outlined below.

- A special event request form [http://fo.umich.edu/outdoor\\_events/index.php](http://fo.umich.edu/outdoor_events/index.php) must be filled out and submitted for review and approval. If you have any questions, please contact University of Michigan Facilities and Operations Special Events Office at 734-615-9075 and/or [fo-events@umich.edu](mailto:fo-events@umich.edu).
- Contact the University of Michigan EHS Fire Safety Office at 734-647-1143 and/or [EHS-Firesafety@umich.edu](mailto:EHS-Firesafety@umich.edu) at least two weeks in advance of the proposed date. EHS Fire Safety will conduct a safety review prior to the event.
- Propane fueled heaters must be used in accordance with their listing and manufacturer instructions, and must be UL listed/CSA safety-rated.
- Propane fueled heaters must have over-heat protection, an anti-tilt device and automatic shut-off feature in case they tip over.
- Propane fueled heaters may not be used inside tents or membrane structures, inside buildings, or interior enclosed courtyards of buildings.
- Propane fueled heaters must be kept at least 10 feet away from tents, membrane structures, and buildings.
- Propane fueled heaters may not be used within 10 feet of combustible materials.
- Portable LP Gas containers may not be used or stored inside buildings, and may not be stored closer than:

- Five (5) feet from any doorway or opening of a building having two means of egress
- Ten (10) feet from any opening or doorway of a building having only one means of egress
- Twenty (20) feet away from any automotive service station fuel dispenser.
- Portable LP Gas containers shall be securely fastened in place to prevent unauthorized movement or accidental tipping.
- Propane LP Gas containers shall be within the cylinders stamped hydrostatic testing timeline.
- Hoses, if used, must remain as short as possible, visible, and protected from damage. It is preferred to use propane fueled heaters that have a housing to enclose the cylinder.
- Propane fueled heaters may not be left operating while unattended and must be supervised at all times when in use.
- Valves on LP Gas containers shall be closed when the heaters are not in use.
- Propane fueled heaters may not be used in high winds (25 mph) and must incorporate the use of a thermocouple flame failure device that responds to changes in temperature and shuts off the fuel valve if the flame goes out.
- A serviceable ABC fire extinguisher with a current inspection tag shall be available in the immediate area at all times the propane fueled heater(s) are in use.