



Portable heater use and the storage of Propane shall comply with the following:

MA Fire Code 527 CMR -1, MA Building Code 780 CMR, International Fire Code, NFPA 58 LPG Code

- (1) Portable heaters shall be equipped with an approved automatic device to shut off the flow of gas to the main burner and to the pilot if used, in the event of flame extinguishment or combustion failure. (527 CMR 1 69.3.10.2.6)
- (2) Portable heaters shall be self-supporting unless designed for Cylinder mounting and shall have a tip over switch to shut off the appliance should it tip over. (IFC 603.4.2.2.3)
- (3) Portable heaters shall not be installed utilizing cylinder valves, connectors, regulators, manifolds, piping or tubing as structural supports. Cylinders shall be secured in an upright position. (527 CMR 1 69.3.10.2)
- (4) Portable heaters having an input of more than 50,000 Btu/hr shall be equipped with either a pilot that must be lighted and proved before the main burner can be turned on or an approved electric ignition system. [NFPA 58:6.20.2.6]
- (5) Patio heaters shall not be located within 5 feet of an exit and not within 5 feet of combustible awnings, decorations, overhangs or similar combustible attachments to the building. (IFC 603.4.2.1.4) (NFPA 58 6.21.2.3)
- (6) Patio heaters shall be listed and used in accordance with their listing and the manufactures instructions. (IFC 603.4.2.2.2)
- (7) Patio heaters with propane can never be used or stored indoors or in a tent, canopy or membrane structure while open to the public. (IFC 3104.7)
- (8) Propane tanks, empty or full can **NEVER** be stored inside the building. Store a propane tank, no matter how large or small, outdoors in a well-ventilated area. Never store a tank in a basement, in your home or in an attached garage. Outdoor storage areas must comply with 527 CMR 1.00: Chapter 60 and Chapter 66 or 69 as applicable.
- (9) Storage of propane over 42 pounds requires a permit from the fire department. Maximum size tank to be used on a portable outdoor gas fired heater shall not exceed 20 pounds.

Fire Inspector

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(10) Replacement of fuel gas containers in portable outdoor gas fired heating appliances shall not be conducted while the public is present.

(11) Propane gas fired heating appliances are prohibited on exterior balconies

(12) Liquid fueled heaters are prohibited.

(12) Propane is heavier than air and should always be stored away from cellar windows and doors.

(13) Cylinders in storage shall be located to minimize exposure to excessive temperature rises, physical damage, or tampering. (NFPA 58 8.2.1) An enclosure should be provided to prevent public access. Cylinders should also be stored in a lockable ventilated enclosure of metal exterior construction. (NFPA 58 8.4.2.1)

(14) Vehicular barrier protection shall be provided where vehicle traffic is expected at the location.

(15) Open flame or other devices emitting flame, fire or heat or any flammable or combustible liquids, gas, charcoal or other cooking devices or any unapproved devices shall not be permitted inside or located within 20 feet of the tent or membrane structure while open to the public. (IFC 3104.7)

(16) 69.1.4.4 Effective September 1, 2014, each person handling LP gas in the quantities of 42 lbs (ten gallons) or greater, shall be trained, at applicable level, in accordance with the Certified Employee Training Program (CETP) or other education programs acceptable to the State Fire Marshal.

69.1.4.4.1 Each person handling cylinders less than 42 lbs shall receive annual training utilizing the program "Dispensing Propane Safely" published by the Propane Education and Research Council.

69.1.4.4.2 Certificates of completion shall be maintained by the employer for three years and a copy of said certificate shall be given to the trainee at the completion of each program.

69.1.4.4.3 Certificates of completion shall include the date of completion, the course name, and be signed by the instructor or provider. Such certificates shall be submitted to the AHJ upon request. (MA Fire Code 527 CMR -1)