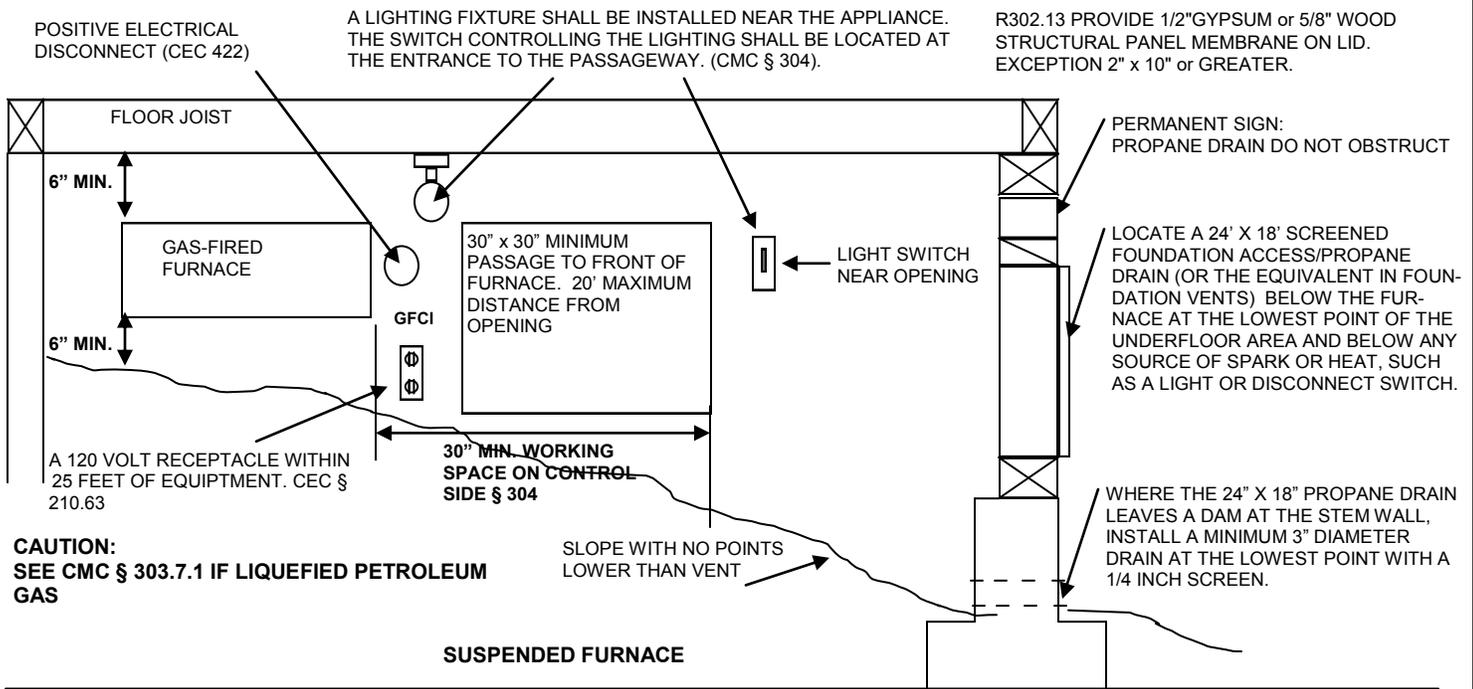


2019 CALIFORNIA BUILDING STANDARDS CODE OF REGULATIONS TITLE 24

**PROPANE APPLIANCES**

2016 California Mechanical Code § 303.7.1. Liquefied Petroleum Gas Appliances: Liquefied petroleum gas-burning appliances shall not be installed in a pit, basement or similar location where heavier-than-air gas might collect. Appliances so fueled shall not be installed in an above-grade under-floor space or basement unless such location is provided with an approved means for removal of unburned gas.

*NOTE: In areas above 2,500 but below 5,000 foot elevation the designer of the building must specify an acceptable method of compliance with the California Mechanical Code § 303.7.1. This must include the method of protecting the propane drain from snow accumulation such that unburned gas is permitted at all times to escape the building. Where the propane drain is below the maximum anticipated snow depth (see Placer County Code, 15.04.360 Table A-16-C), the design of the system must be done by a California Registered Design Professional.*



**Above 5,000 FT. Elevation**

NOTE: In areas above 5,000 foot elevation for new or replacement of liquefied petroleum gas burning appliances, the following policy specifies conditions of approval for installation of LPG appliances in underfloor, basement, or walk out basement areas. The registered design professional shall specify an acceptable method of compliance with California Mechanical Code section 303.7.1 As a gas that is heavier than air, LPG, if released, will pool in low areas presenting a significant explosion risk.

1. Walk-out basement, appliance such as gas fireplace or stove, exposed to finished living space:  
**NO SPECIAL REQUIREMENTS**-Appliance installed per manufacturer's instructions.
2. Walk-out basement, appliance such as furnace, boiler, or water heater in a separate mechanical room, finished living space:  
**NO SPECIAL REQUIREMENTS**-Appliance installed per manufacturer's instructions.
3. Walk-out basement and at grade underfloor locations, unfinished area:  
**THE CALIFORNIA REGISTERED DESIGN PROFESSIONAL SHALL SPECIFY A MEANS TO REMOVE UNBURNED GASES. THE OUTLET MUST BE PROTECTED SUCH THAT UNBURNED GASES ARE ALLOWED TO ESCAPE THE BUILDING AT ALL TIMES.**
4. Pits, underfloor below grade area, or true basements, including walk-out without door to exterior:  
**LPG APPLIANCES ARE STRICTLY PROHIBITED PER PLACER COUNTY ORDINANCE 15.12.030.G**
  - All appliances shall be installed in accordance with manufacturer's specifications, any replacement LPG appliances installed in an existing approved containment and removal areas can be replaced without further consideration. Provide outside combustion air as required, for unusually tight construction, by CPC section 507.4 for water heaters, and CMC Chapter 7 for all others.