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Building Safety Reminder- Importance of operational smoke and carbon monoxide detectors for residential and commercial buildings.

All building permit inspections for new/replacement work or substantial remodeling which require access to the inside of homes or buildings will also include a check of required smoke and CO (carbon monoxide) detection/alarm items. For inspections for minor projects or that do not require inside access, such as decks or accessory buildings for example, this service can be performed if requested by the property owner or tenant.

Please refer to the International Building Code 2012 edition for all commercial applications, sections 907 and 908.7.

Please refer to the International Residential Code 2012 edition for all 1&2 family dwellings, and townhouses, sections R314 and R315.

Residential applications generally require 1 smoke detector/alarm in each bedroom; 1 smoke detector/alarm in the area accessing bedrooms(hallway or immediate vicinity); 1 smoke detector/alarm on each additional story of the dwelling, including basements and habitable attics, but not including crawl spaces or uninhabitable attics; In split level dwellings without an intervening door between adjacent levels, a smoke detector/alarm installed on the upper level shall suffice for the adjacent lower level provided the lower level is less than 1 full story below the upper level.

Residential applications generally also require all dwellings with fuel-fired appliances OR an attached garage to have an approved CO (carbon monoxide) detector/alarm installed outside bedroom areas in the immediate vicinity of all sleeping areas.

Residential applications also have different requirements based on if the work is new construction or remodeling/addition work, and the size/scope of the work. Generally new work requires hard wire interconnection while on smaller remodel work battery powered stand-alone units (10 yr. battery type units are available and recommended).

Please refer to the above building safety codes or contact the building department with any questions.