



# CITY OF PONCA CITY

## Development Services Department

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### RESIDENTIAL REMODEL ATTACHMENT

#### SMOKE/CO ALARM REQUIREMENTS

The International Residential Code requires that smoke alarms & carbon monoxide (CO) alarms be installed in new residential construction. The alarms must be both interconnected and hard-wired into the electrical system, and must also have a battery backup in case of power failure. In addition, Code provisions also mandate that *some alterations to existing one- and two-family residential structures will require smoke & CO alarm installation*. The table below outlines when alarms are required in remodel work:

PROJECT DESCRIPTION	REQUIRES PERMIT?	REQUIRES SMOKE/CO ALARMS?
Addition of one or more sleeping rooms	Yes	Yes
Conversion of space to sleeping rooms	Yes	Yes
Adding/removing/relocating walls inside a dwelling (Reconfiguring the floor space)	Yes	Yes

- Alarms required by the project types described above may be combination smoke/CO units.
- In remodel work, alarms that are solely battery-operated, & not connected to the house wiring for power, are allowed.
- CO alarms are not required when the dwelling contains no fuel-fired appliances.
- Alarms need not be interconnected when the house does not have adequate attic access, or when remodel work does not involve removal of wall & ceiling material that would allow access to wall or ceiling spaces as necessary for interconnection wiring.

When required, *smoke alarms* will be installed in the following locations:

- 1) Inside every sleeping room
- 2) Outside each separate sleeping area in the immediate vicinity of the bedrooms
- 3) On each additional story of the dwelling, including basements (an alarm on the upper level of a split level will suffice for the adjacent lower level)

When required, *CO alarms* will be installed in the following locations:

- 1) Outside each sleeping area in the immediate vicinity of the bedrooms
- 2) Inside each sleeping room containing a fuel-fired appliance