



# Bourne Fire/Rescue & Emergency Services

## Guidelines for Smoke and Carbon Monoxide Alarm Requirements



Year Built or Substantially Modified	Before 1/1/1975	1/1/1975 - 8/27/1997	8/27/1997- 1/1/2008	1/1/2008 - 2/4/2011	2/4/2011 - Present
Smoke Alarm Power Supply	Battery (may be hard-wired)	Hardwired, Interconnected	Hardwired, Interconnected with battery backup	Hardwired, Interconnected with battery backup	Hardwired, Interconnected with battery backup
<b>New battery-powered smoke alarms must have 10-year sealed non-rechargeable, non-replaceable batteries</b>					
Smoke alarms must utilize photoelectric technology, but if alarms are more than 20 feet from a kitchen or bathroom containing a bathtub or shower, alarms can utilize photoelectric and ionization technologies (dual detector)					
Carbon Monoxide (CO) Alarm Power Supply	Battery-powered, plug-in with battery backup, or hard-wired with battery backup	Battery-powered, plug-in with battery backup, or hard-wired with battery backup	Battery-powered, plug-in with battery backup, or hard-wired with battery backup	Hard-wired, interconnected, with battery back-up	Hard-wired, interconnected, with battery back-up
<b>Alarm Locations (every habitable level of the residence)</b>					
Finished or Habitable Basement	Smoke & CO	Smoke & CO	Smoke & CO	Smoke & CO	Smoke & CO
Unfinished Basement	Smoke	Smoke	Smoke	Smoke & CO	Smoke & CO
Base of Stairs to an Occupied Floor Above	Smoke	Smoke	Smoke	Smoke	Smoke
Outside each separate sleeping area (hallway) <b>within 10 feet</b> of door to sleeping area	Smoke & CO	Smoke & CO	Smoke & CO	Smoke & CO	Smoke & CO
Inside bedrooms (2 feet into room on ceiling)	Recommended Smoke	Recommended Smoke	Smoke	Smoke	Smoke
Finished Habitable Attic	Smoke & CO	Smoke & CO	Smoke & CO	Smoke & CO	Smoke & CO
Attached Garage or Garage Underneath	Not required but if existing, must be maintained	Not required but if existing, must be maintained	Not required but if existing, must be maintained	Single heat alarm, hardwired & interconnected with existing smoke alarms	Single heat alarm, hardwired & interconnected with existing smoke alarms
For houses built after 1/1/1975, one smoke alarm is required for every 1,200 square feet of living space per level					
Smoke and heat alarms shall be ceiling-mounted, CO alarms mounted per manufacturer instructions					
Make sure the posted house number is visible from the street					
Low Voltage fire warning systems are exempt from the dual detector technology requirement					
Smoke alarms cannot be more than 10 years old or exceed the manufacturer's recommended life, whichever comes first					
Combination smoke and carbon monoxide alarms <b>MUST</b> have both a tone and voice feature					