

# HOLDEN FIRE DEPARTMENT

## Guidelines for Smoke and Carbon Monoxide Alarm Requirements

Massachusetts - One and Two Family Dwellings

**ALL SMOKE DETECTORS MUST BE CEILING MOUNTED**

		Year built or Substantially Modified		8/27/97 - 2007	1/08 - 8/10	8/10 - Present
		Before 1975	1975 - 8/27/97			
Smoke Detector Powered by:						
	Battery Operated	Allowed	Not Allowed	Not Allowed	Not Allowed	Not Allowed
	Hardwired, Interconnected	Allowed	Required	Not Allowed	Not Allowed	Not Allowed
	Hardwired, Interconnected w/battery backup	Recommended	Recommended	Required	Required	Required

### Type of Smoke Detector:

	Outside 20 FT. of kitchen or full bathroom	Either: One photoelectric AND one Ionization detector OR a Dual Detector*	Photoelectric OR Ionization	Photoelectric OR Ionization	Photoelectric OR Dual Detector*	Photoelectric OR Dual Detector*
	Within 20 FT. of kitchen or full bathroom	Photoelectric	Photoelectric OR Ionization	Photoelectric	Photoelectric	Photoelectric

### CO Detector powered by:

**MUST BE IN THE HALLWAY OUTSIDE THE SLEEPING AREA, WITHIN 10 FEET OF EACH BEDROOM DOOR**

Battery OR Plug-in w/battery backup	Allowed	Allowed	Allowed	Not Allowed	Not Allowed
Hardwired, interconnected w/battery backup	Allowed	Allowed	Allowed	Required	Required

### Locations required:

Finished or Habitable Basement	Smoke/CO	Smoke/CO	Smoke/CO	Smoke/CO	Smoke/CO
Every Habitable Level	Smoke/CO	Smoke/CO	Smoke/CO	Smoke/CO	Smoke/CO
Base of Stairs	Smoke	Smoke	Smoke	Smoke	Smoke
Outside each Sleeping Area (hallway)	Smoke/CO	Smoke/CO	Smoke/CO	Smoke/CO	Smoke/CO
Inside every Bedroom	Not Required	Not Required	Smoke	Smoke	Smoke
Finished Attic (Habitable)	Smoke/CO	Smoke/CO	Smoke/CO	Smoke/CO	Smoke/CO
Garage (Attached)	Not Required	Not Required	Not Required	Heat Detector	Heat Detector

**\*A dual detector consists of one detector with both photoelectric and ionization technology**

**> Low Volatage fire warning systems are exempt from the dual technology requirement**

**> Combination Smoke and Carbon Monoxide Alarms MUST have a Voice Feature**

**> SMOKE DETECTORS 10 YEARS FROM DATE OF MANUFACTURE NEED TO BE REPLACED PER MA FIRE CODE**

**This is a guide only. Please call Fire Prevention if you should still have questions: 508-210-5650**