

527 CMR: BOARD OF FIRE PREVENTION REGULATIONS

527 CMR 32.00: APPROVED SMOKE DETECTORS

Section

32.01: Purpose and Scope

32.02: General Requirements

32.03: Installation of Smoke Detectors in the Vicinity of a Kitchen, Bathroom or Other Areas

32.01: Purpose and Scope

Pursuant to the Board's authority under M.G.L. c. 22D, § 4 to develop a comprehensive fire safety code and under the general regulatory authority of M.G.L. c. 148, §§ 10 and 28, the purpose of 527 CMR 32.00 is to enhance public safety by providing further technical qualification to the definitions of "Approved monitored battery power smoke detector" and "Approved primary power smoke detector", as those words are used in M.G.L. c. 148, §§ 26D, E and F. The provisions of 527 CMR 32.00 shall not apply to buildings constructed, altered or modified after January 1, 1975, which are subject to the provisions of 780 CMR, *The State Building Code*.

As of April 5, 2010, 527 CMR 32.00 shall be the applicable standard for sellers to comply with the provisions of M.G.L. c. 148, § 26F upon sale and transfer of certain buildings or structures occupied in whole or in part for residential purposes.

32.02: General Requirements

- (1) Except for smoke detectors located in areas regulated by 527 CMR 32.03, an approved monitored battery power smoke detector shall consist of a working device, as defined in M.G.L. c. 148, § 26D, that is listed and employs both ionization and photoelectric technology, in either a single unit or by means of two separate units to determine an alarm condition.
- (2) Except for smoke detectors located in areas regulated by 527 CMR 32.03, an approved primary power smoke detector shall consist of a working device, as defined in M.G.L. c. 148, § 26D, that is listed and employs both ionization and photoelectric technology, in either a single unit or by means of two separate units to determine an alarm condition.
- (3) Compliance with 527 CMR 32.02 can be met by a low voltage system of wired or wireless connected listed photoelectric smoke detectors.

32.03: Installation of Smoke Detectors in the Vicinity of a Kitchen, Bathroom or Other Areas

A smoke detector installed within 20 feet of an entryway to a kitchen, or bathroom containing a bathtub or shower, shall not utilize ionization technology to determine an alarm condition. The 20-foot measurement shall include and extend into common areas of a multi-family dwelling, if applicable.

REGULATORY AUTHORITY

527 CMR 32.00: M.G.L. c. 22D, § 4; c. 148, §§ 10, 26E, 26F, and 28.