



## Bureau of Fire Services Policies And Procedures

Department of Energy, Labor  
& Economic Growth

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Subject:

Alcohol-Based Hand Rub Dispensers in Educational Occupancies

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Approved By:

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Date:

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Subject: Alcohol-Based Hand-Rub Dispensers in Educational Occupancies

Purpose: To provide guidelines to allow the use of alcohol-based hand rub dispensers in educational occupancies using the 1999 School Fire Safety Rules.

Reasons: Due to infection control concerns, there has been an increase in the desire to use alcohol-based hand rub solutions (ABHR) in educational occupancies. This product contains a high volume of alcohol (approximately 60% or more) and is considered a Class I Flammable Liquid.

Policy: Using Section 14.3.2.4 and 15.3.2.4 of the 2009 Edition of NFPA 101 as a reference, ABHR dispensers shall be allowed in educational occupancies if all the following conditions are met:

- 1) Dispensers shall be installed in rooms or spaces separated from corridors and exits by construction required by other applicable sections of the code, and shall not be installed in rooms where an open flame is present, such as in a laboratory, kitchen, or the like.
- 2) The maximum individual dispenser fluid capacity shall be as follows:
  - a. 0.32 gal (1.2 L) for dispensers in rooms
  - b. 0.53 gal (2.0 L) for dispensers in suites of rooms
- 3) The dispensers shall be separated from each other by horizontal spacing of not less than 48 in. (1220 mm).
- 4) Storage quantities greater than 5 gal (18.9 L) in a single fire compartment shall meet the requirements of NFPA 30, *Flammable and Combustible Liquids Code*.
- 5) The dispensers shall not be installed over or directly adjacent to an ignition source.
- 6) Dispensers installed directly over carpeted floors shall be permitted only in sprinklered rooms or spaces.