



## OREGON FIRE CODE Interpretations and Technical Advisories

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**Date:** April 1, 2014

**Ruling:** Interpretation No. 11-01 (Revised #95-11, 05-01& 11-01)

**Subject:** Fire Alarms in "E" Occupancies

**Code Reference:** 2014 Oregon Fire Code, Section 907.2.3

**Question(s):** Are modular classrooms at educational occupancies required to have fire alarms installed?

**Answer(s):** When modular classrooms are placed at educational occupancies, they may develop an "educational complex" which creates an occupant load of 30 or more and is generally classified as a Group E Occupancy. As such, modular classrooms may be placed in such a manner that the structures are either adjacent to or remote from each other or existing primary building(s). This is based upon the required areas of the primary building(s), the modular(s) and the assumed property lines designated by the building code. Based upon this criteria, two conditions may occur and the requirements are specified as follows.

**Condition #1:** If the modular(s) are remote from other modular(s) and/or the primary building(s) using assumed property lines, and the occupant load of each modular is less than 30, the modular(s) are not required to have a manual fire alarm system. Oregon Fire Code, Section 907.2.3, Exception #1.

**Condition #2:** When the modular(s) are placed in such a manner as to be considered as part of an educational complex having an aggregate occupant load of 30 or more, the required fire alarm system shall be installed and interconnected within all structures comprising the complex as for one building.

**Other References:** N/A