FULLERTON FIRE DEPARTMENT

FIRE PREVENTION STANDARDS

APPLICATION:

INSTALLATION OF RESIDENTIAL SMOKE ALARMS

JUSTIFICATION:

2010 CALIFORNIA FIRE CODE (CFC), CHAPTER 9, SECTION 907

STANDARDS:

I. **General:** Single and multiple station smoke alarms shall be installed in all buildings used as Group E day care, and in residential occupancies R-1, R-2, R-3, R-3.1, R-4, I-1, and I-4.

II. **Where required:**
   A. In each room used for sleeping purposes.
   B. On the ceiling or wall outside of each separate sleeping area in the immediate vicinity of bedrooms.
   C. In each story of a dwelling unit, including basements.
   D. In enclosed common stairwells of apartment and multi-dwelling complexes.
   E. In Group R-3.1 occupancies, in addition to the above, smoke alarms shall be provided throughout the habitable areas of the dwelling unit except kitchens. *In Group R-3.1 occupancies with a bedridden client, the smoke alarms shall receive their primary power from the building wiring, shall be equipped with battery back up and shall be interconnected.*

III. **Power Source**. In new construction and in newly classified Group R-3.1 occupancies, required smoke alarms shall receive their primary power from the building wiring where such wiring is served from a commercial source and shall be equipped with a battery backup. Smoke alarms shall emit a signal when the batteries are low. Wiring shall be permanent and without a disconnecting switch other than as required for over-current protection.

IV. **Interconnection.** Where more than one smoke alarm is required to be installed within an individual dwelling unit or sleeping unit in Group R-2, R-3, R-3.1, or R-4, or within an individual sleeping unit in a Group R-1, the smoke alarms shall be interconnected and shall be clearly audible in all the bedrooms over background noise levels with all intervening doors closed.