



City of
**LEMON GROVE FIRE
DEPARTMENT**

Fire Prevention Bureau

7853 Central Avenue
Lemon Grove, CA 91945
619-825-3835

Tim Smith Deputy Chief/Fire Marshal

**Fire Department
Guideline for Fire Flow
And Hydrant Spacing**

Purpose:

The intent of this guideline is to provide the details necessary for the minimum fire flows required and the proper spacing of fire hydrants located in the City of Lemon Grove. The Fire Chief may waive any of these requirements upon receipt of alternate methods and materials that meet the intent of these standards.

Scope:

This guideline shall apply to new construction, and shall apply to existing buildings when changes made in the character of use of a building or occupancy affect the delivery of fire protection.

Requirements:

1. **FIRE FLOW** - The following fire flow requirements shall apply:
 - a. Single family dwellings: 1500 gpm at 15 psir for 2 hours
 - b. Multi-family dwellings: 2500 gpm at 15 psir for 2 hours
 - c. Commercial buildings/occupancies 3000 gpm at 15 psir for 4 hours
 - d. Industrial buildings/occupancies 3500 gpm at 15 psir for 4 hours

Fire flows for buildings and/or occupancies with special hazards will be determined based on unique hazard and type of construction.

2. HYDRANT SPACING – The following spacing shall apply:

Single family dwellings:	250' to hydrant, as measured by an approved emergency access route (200' on dead end roads).
All other buildings:	150' to hydrant, as measured by an approved emergency access route.