



Roseville Fire Department

Fire & Life Safety Division

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Fire & Life Safety Standard

Title: Model Rockets

Note: *This standard is a summary of Roseville Fire Department clarifications of City and State Codes. Information contained herein applies to typical circumstances and may not address all situations.*

PURPOSE

This standard was developed with safety as the principle objective, pursuant to the California Fire Code (CFC) Section: 104.1 General Authority and Responsibilities. The fire code official is authorized to render interpretations of the CFC, and to adopt policies, procedures, rules and regulations in order to clarify the application of its provisions. Such interpretations, policies, procedures, rules and regulations shall be in compliance with the intent and purpose of the CFC and shall not have the effect of waiving requirements specifically provided for in the CFC.

SCOPE

This standard shall apply to model rockets and the user shall consult manufacturer data, NFPA Standard 1122 and California Code of Regulations Title 19 for further requirements and safety regulations.

A permit from the Roseville Fire Department is not required; however, the following safety guidelines shall be followed:

SAFETY GUIDELINES

Launch Sites:

1. Launching of model rockets is not permitted on any public lands within the City.
2. Launching of model rockets is permitted on private property with the written and signed permission of the property owner.
3. The sponsoring organization or person responsible for the rocket launch shall designate a Launch Safety Officer who will be responsible for ensuring that all participants and observers are compliant with current codes and this standard.
4. A launch site consists of the firing area and the recovery area.
5. Launch sites shall not:
 - a. Be located in grainy fields, dry grass, brush or forest covered lands.
 - b. Include any buildings or structures unless approved by the Roseville Fire Department.
 - c. Be located in an area that creates a hazard to persons or property.
 - d. Contain or be located near any high voltage lines, major highways, or other hazardous obstacles.

Launching Requirements:

1. Model rockets shall only be launched during daylight hours.
2. Model rockets shall be launched only from platforms that meet code requirements.
3. The horizontal launching angle shall not be less than 60 degrees.
4. Surface winds at the launch site shall not exceed 15 mph with clear vertical visibility to 2000 feet.
5. The required recovery device (parachute) shall be flame resistant.
6. All personnel conducting firing shall maintain a clear minimum radius of 15 to 30 feet as determined by NFPA 1122. All observers and assistants shall maintain a minimum 50 foot clearance from the platform during the countdown and firing of the rocket.
7. Adult supervision is required at all times.