

STATE OF CALIFORNIA—THE RESOURCES AGENCY

ARNOLD SCHWARZENEGGER, Governor



**DEPARTMENT OF FORESTRY AND FIRE PROTECTION**  
**Office of the State Fire Marshal**  
**Fireworks/Explosives Program**

P.O. Box 944246  
 SACRAMENTO, CA 94244-2460  
 (916) 653-7772  
 Website: [www.fire.ca.gov](http://www.fire.ca.gov)



April 1, 2010

Mr. Gary C. Rosenfield  
 RCS Rocket Motor Components, INC  
 2113 W. 850 N. St  
 Cedar City, UT 84720

Dear Mr. Rosenfield:

Your request dated February 24, 2010 for the classification of 5 (five) new AeroTech High Power Rocket Motors has been completed. The following rocket motors are approved for consumer use in the State of California.

**HIGH POWER**

<b>Motor Designation</b>	<b>Motor Type</b>	<b>DOT EX #(s)</b>
<b>K375NW-P</b>	<b>Reloadable</b>	<b>EX 1986040200</b>
<b>K480W-P</b>	<b>Reloadable</b>	<b>EX 1986040200</b>

The following rocket motors are **NOT** approved for use in the State of California

<b>N1000W-P</b>	<b>Reloadable</b>	<b>EX 2006040329</b>
<b>N2000W-P</b>	<b>Reloadable</b>	<b>EX 2006040329</b>
<b>N4800T-P</b>	<b>Reloadable</b>	<b>EX 2006040329</b>

The above unapproved motors do not meet California performance limitations under the following conditions.

California Code of Regulations Article 18  
 §1032. Experimental High Power Rocket Motor Standards and Use.

**(a) Experimental high power rocket motor design and construction standards shall comply with all of the following:**

**(1) The maximum total impulse per rocket motor shall not exceed 10,240 Newton-seconds (2302.2 lb.-seconds).**

**(2) When more than one rocket motor is utilized, the combined total impulse shall not exceed 20,480 Newton-seconds (4604.4 lb.-seconds).**

CONSERVATION IS WISE-KEEP CALIFORNIA GREEN AND GOLDEN

PLEASE REMEMBER TO CONSERVE ENERGY. FOR TIPS AND INFORMATION, VISIT "FLEX YOUR POWER" AT [WWW.CA.GOV](http://WWW.CA.GOV).

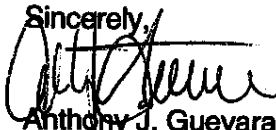
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Please note, all rockets and reload kits that have been classified and registered by the California State Fire Marshal's Office shall be properly labeled and bear a printed seal and registration number of the licensee as required by California Code of Regulations, Title 19, article 7.

The seal shall be large enough to be legible on the device and contain the registration number as assigned by the State Fire Marshal, and classification stating the use or purpose for which such device has been registered. Please provide the State Fire Marshal's Office with the final artwork used for this requirement.

If you have any questions or need further assistance, please feel free to contact Fireworks Program Assistant Yevonne Costa at (916) 445-8373 or myself at (916) 327-8278

Sincerely,



Anthony J. Guevara  
Fireworks/Explosives Program Coordinator  
California State Fire Marshal's Office