White Sands Test Facility (WSTF) has a wide variety of resources to draw upon in assessing the fire, explosion, compatibility, and safety hazards of hydrogen, oxygen, the hydrazine fuels, and nitrogen tetroxide. The skills and techniques developed to assess these propellants are also being utilized to analyze other propellants of current interest such as methane.

WSTF has the infrastructure, experience, and environmental permits to handle, store, test, and dispose of shuttle and ISS propellants, such as:

- Gaseous and cryogenic hydrogen
- Gaseous and cryogenic oxygen
- Hydrazine
- Monomethylhydrazine (MMH)
- Unsymmetrical dimethylhydrazine (UDMH)
- Aerozine 50
- Nitrogen tetroxide and variants such as MON3

**Unique Facility Offerings**

- Large Buffer Zone and Controlled Remote Property for Hazardous Testing
- Moderate Desert Climate Ideal for Year-round Testing
- Existing Environmental Permits in Place for Hazardous Testing
We have developed customer-friendly agreements to streamline business relationships and are eager to share our unique facilities and expertise with new customers. We invite your inquiries regarding application or adaptation of our capabilities to satisfy your special requirements. Briefings on general or specific subjects of mutual interest can be arranged at JSC or at your business site.

For the benefit of all

For more information:  
http://jsceng.nasa.gov

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