



Explosive  
Testing



Contract  
Research and  
Manufacturing



Technology  
Licensing



Explosives  
Measurement  
and Test  
Instrumentation



Energetic  
Material  
Analysis

## From blasting applications to new product formulations, UTEC continually strives to exceed individual customer requirements.

UTEC Corporation is an independent explosives laboratory, offering state of the art testing and analysis to clients worldwide. The company is a leader in commercial explosives technology including development, analysis, testing and manufacturing.

UTEC operates a chemical research and development laboratory near Riverton, Kansas, which specializes in commercial explosives development and analysis. The company also operates a destructive test facility near Hallowell, Kansas, which specializes in determining the detonating characteristics of commercial explosives.

UTEC is unique, as one of the few remaining independent commercial energetic material testing, development and manufacturing companies in the world. The company has the only remaining actively used underwater energy testing facility in North America. The current test facility has been in operation for over 40 years, with continual upgrades to meet today's marketplace demands. UTEC's staff consists of a team of highly trained scientists and technicians, who represent over 100 years of combined experience in the handling and testing of explosives and energetic materials.

The company was founded over fifty years ago to serve the needs of commercial explosives producers in the coal and metals industries, and has grown to serve the top domestic and international commercial explosives producers, key Department of Defense contractors, and numerous regulatory agencies including the ATF, DOT, and security services.

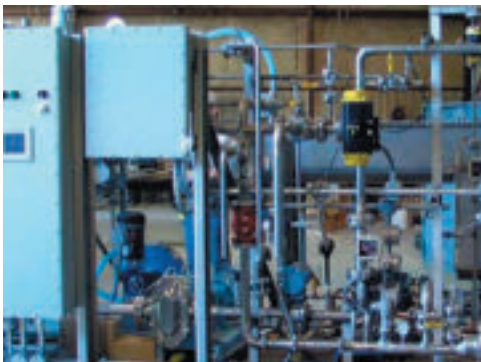


### Explosives Testing & Research

UTEC offers a wide range of products and services to customers all over the world. We are a global leader in explosives testing and we have the research facilities that can handle any of your testing needs.

The following provides a listing of all of the explosives testing we offer:

- Underwater Energy Tests
- Commercial Explosive Testing
- Velocity of Detonation
- Temperature Sensitivity
- Critical Diameter



### Contract Research & Manufacturing

UTEC has contracted research of energetic materials with a variety of customers around the world.

The following lists the specific areas of contract research we provide:

- Product Development
- Energetic Materials Characterization
- Technology Enhancements

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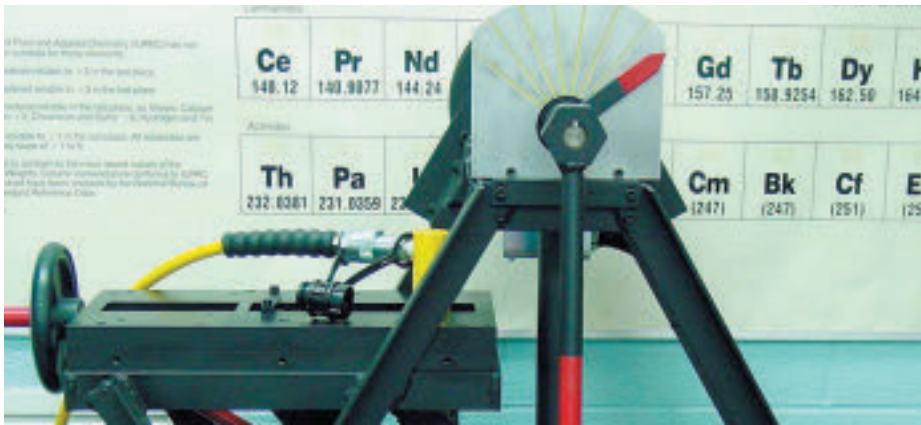
*UTEC's innovative energetic materials testing facility is the only one of it's kind, and has provided us with accurate and timely results that we could not have obtained affordably elsewhere.*

*UTEC's expertise and professionalism made the overall experience an amazing one.*

”

*Marvin Banks  
New Mexico Tech*





## Explosives Measurement & Test Instrumentation

UTEC has developed in-house capability of manufacturing and supplying a number of highly specialized measurement and testing equipment and instrumentation that is used to evaluate explosives and energetic materials.

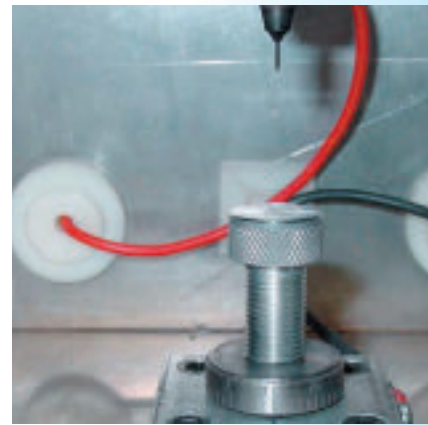
UTEC is proud to be able to offer these specialized test equipment and instruments to customers that wish to perform this type of testing at their facility.

In some cases, it is more efficient for a UTEC customer to purchase and acquire a specific test apparatus and perform the required material testing at their facility to save time and money. If that is the case, UTEC is able to fabricate, manufacture and sell specific testing apparatus to the end-use customer.

UTEC also offers instruction as to the proper operation and maintenance of such apparatus upon sale and delivery. UTEC can offer training either at the UTEC facility prior to shipping of the equipment or alternately, UTEC can provide personnel training at the customer's site which may be more applicable if there are a number of operators may need to be trained.

Some of the specialized equipment that UTEC currently offers include:

- BOE Impact Apparatus
- ABL Friction Instrument
- Electrostatic Discharge (ESD) Instrumentation
- BAM Friction Device



## Technology Licensing

UTEC has very high quality technology that we license to our customers.

The following provides a listing of all of the technology licensing we offer:

- Formulation
- Chemical Sensitization
- Emulsifiers
- Process Development



## Energetic Material Analysis

UTEC provides quality research and analysis of a variety of chemicals and raw materials, specifically explosive materials.

The following lists the specific areas of raw and energetic material analysis we provide:

- Emulsions
- Water Gels
- Energetic Materials
- Quality Control
- Raw Materials

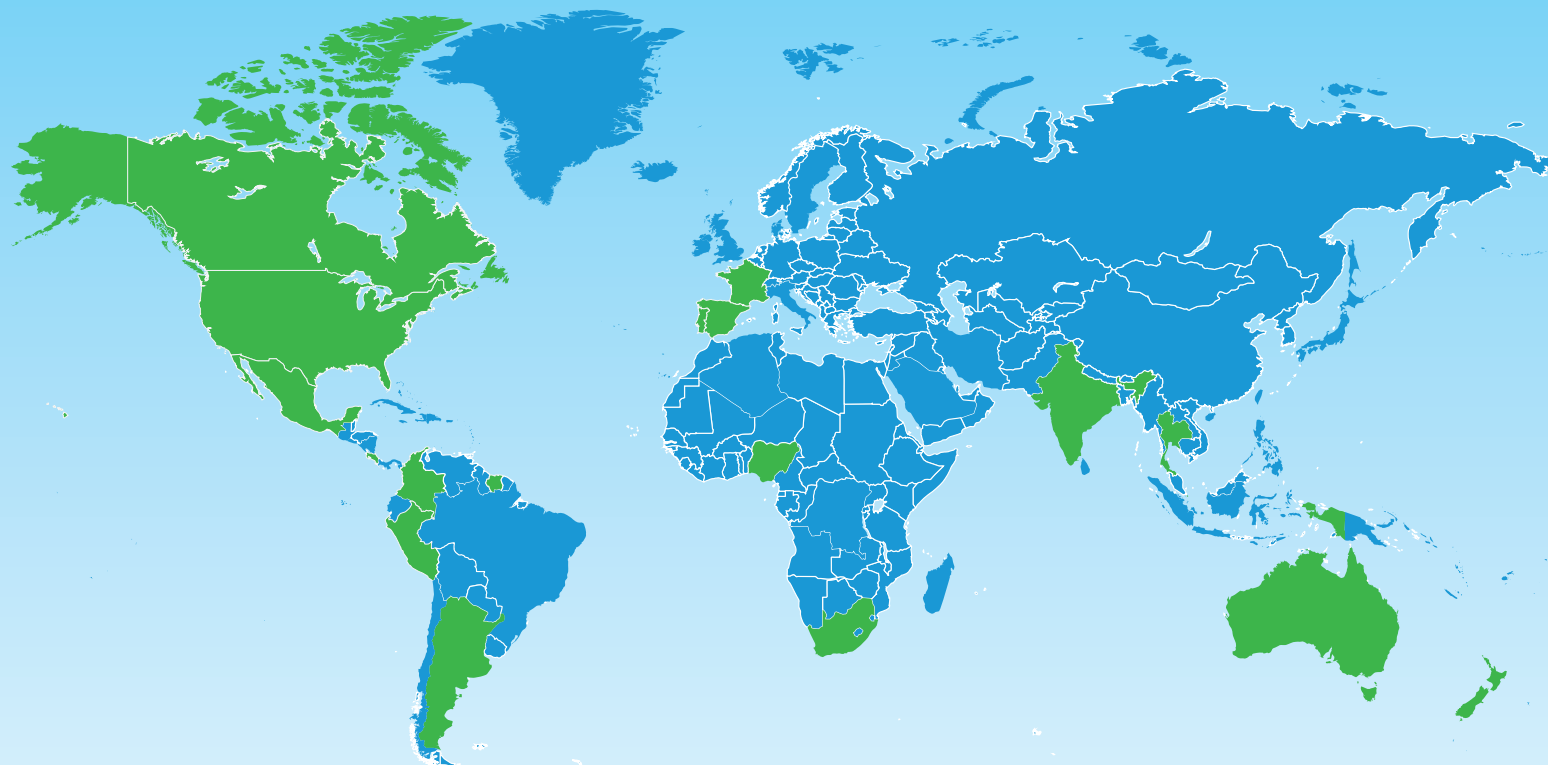


## DEMIL

UTEC uses revolutionary methods of converting and re-purposing military-grade energetic materials for commercial use.

The following lists the specific areas of DEMIL services we provide:

- New Applications
- Propellant-Based Blasting Agents



UTEC and its predecessors have licensed and sold explosives and energetic materials technology in the following countries:

- USA
- Canada
- Colombia
- Suriname
- Peru
- Argentina
- Mexico
- Costa Rica
- Spain
- Portugal
- France
- Nigeria
- South Africa
- Thailand
- India
- New Guinea
- Australia
- New Zealand

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