

ENVIRONMENTAL SERVICES

Reactive Material Services

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Clean Harbors Reactive Material Services provide on-site remediation and stabilization services for our customers that have potentially unstable, shock sensitive, or explosive materials.

Dedicated to protecting the health and safety of its employees and customers, Clean Harbors has developed procedures and specialized equipment that allow for the safe access and stabilization of reactive materials. This equipment and personal protection is utilized to safeguard against a possible explosion or flash fire when opening potentially peroxidized or shock sensitive containers.

Stabilization Techniques

Clean Harbors employs sound and proven chemical stabilization techniques utilizing documented, chemistry-based procedures for the following types of compounds:

- Peroxide Forming Compounds
- Temperature Sensitive Compounds
- Organic Peroxides
- Shock Sensitive Compounds
- Multi-nitrated Compounds
- Azides

Stabilization techniques are researched using numerous chemical databases and references as well as consultations with high hazard and reactive chemical consultants and PhD chemists.

The Reactive Material Specialists utilize state-of-the-art personal protective, project, and safety equipment. Features of our team and services include:

- Trailer Mounted Blast Deflection Unit
- Custom Designed Remote Drum Opener
- Custom Designed Portable Remote Opener
 - Bomb Suppression Blanket
 - Safety Circle
- Specialized Personal Protective & Handling Equipment
 - Series 700 proximity suits
 - Kevlar vest & leg protection
 - Nomex fire suits
 - Riot helmets with face shield
 - Remote grappling arms
 - Class C blasters day box



Focus on Safety

Clean Harbors' number one priority is the health, safety and compliance of our operations on your sites and ours. Employees at all levels of the company share this philosophy and are committed to ensuring our safety goals are met.

- Specialized Personnel Qualifications
 - 40-Hour HAZWOPER & 40-Hour Lab Pack Training
 - 32-Hour Explosive Handlers Safety Course
 - 16-Hour Unknown Chemical Identification
 - 8-Hour Reactive Material Recognition & Awareness

Packaging and Disposal

Once the containers are stabilized, they are packaged for disposal. As an added precaution, stabilized materials may be packaged in individual anti-static bags to eliminate the potential of a static charge. The bags are then lab packed for final disposal through Clean Harbors' network of waste disposal facilities.

After Action Reports

At the completion of each job, Clean Harbors can provide the customer (at their request) with an After Action Report that summarizes the day's activities including safety meeting, materials that were handled, opening, stabilization or treatment methods utilized, and site restoration.



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