Cryofracture

DEMILITARIZATION FOR MEDIUM SIZE MUNITIONS

General Atomics Electromagnetic Systems' (GA-EMS) cryofracture demilitarization systems are designed for the safe and complete destruction of medium size munitions. GA-EMS' cryofracture process offers an environmentally sound, less costly alternative to incineration systems and hazardous open pit munitions destruction.

- Safely destroys munitions in any condition
- Ensures effective accessing of energetics
- Complete destruction of munition bodies
- No pre-processing, no secondary waste stream
- Cost effective with high throughput

MEDIUM SIZE MUNITIONS EXAMPLES

ADAM mines
Rockeye II (MK 118)
ICMs (M42, M46, M77)
Fuses
Hand Grenades (M69, M67, M61, M26)
M16 mines BLU 63/B, BLU 86/B, BLU 61
Destructors (M10, M4, MK24)
40 mm rounds (M406, M433)

40mm HEPD grenade post cryofracture processing

BLU 61A/B (CBU 51B/B) post cryofracture processing

CONTACT INFORMATION
haz-waste.info@ga.com

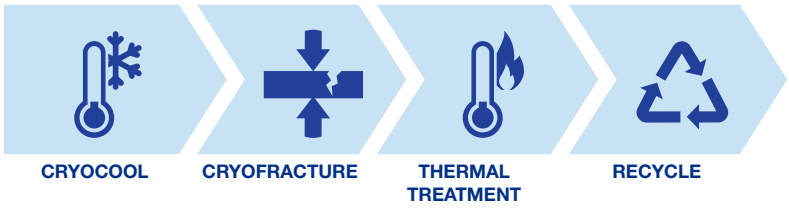
SCAN TO LEARN MORE

Cryofracture

Cryofracture utilizes liquid nitrogen to cool munition bodies to below the embrittlement temperature. No pre-processing or disassembly of the munitions is required. Cooled bodies are then fractured in a hydraulic press, accessing the energetics and rendering them safe for thermal destruction. The remaining metal debris is discharged for safe disposal or recycling.

Fixed site and transportable cryofracture systems are available. GA-EMS' transportable cryofracture systems provide the mobility necessary to support multiple munition storage sites and remote locations where permanent installations are impractical.

- Reduces per ton disposal costs
- Low staff requirements
- Recover, recycle metals
- Transportable and fixed site systems



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