



Chemical Agent Munitions Disposal System

30 YEARS IN RETROSPECT

Celebrating CAMDS

CAMDS' CONTRIBUTIONS TO THE U.S. ARMY'S MISSION TO SAFELY DESTROY CHEMICAL WEAPONS ARE IMMEASURABLE. Located at the Deseret Chemical Depot, CAMDS served as the primary research, test and development facility for the nation's chemical weapons elimination program. Most of the processes and techniques used at U.S. stockpiles were pioneered at CAMDS. Demonstrated technologies include chemical munitions handling/disassembly, incineration, neutralization, cryofracture, hydrolysis, pollution abatement systems, personal protection equipment and waste treatment.

DURING OPERATIONS, CAMDS destroyed more than 360,000 pounds of chemical agents and nearly 40,000 munitions, and the local community and environment remained safe.

CURRENTLY UNDERGOING CLOSURE, CAMDS remains instrumental to the mission of completely eliminating chemical weapons.

CAMDS *Milestones & Contributions*

- CAMDS construction 1974-1978
- Disposal operations began September 16, 1979
- Neutralization testing of agent in rockets and projectiles
- Testing and development of reverse assembly, demilitarization, rocket shear, projectile/mortar disassembly and multi-purpose demil machines
- Testing and development of bulk drain station and explosive containment chamber
- Testing and development of liquid incinerator and metal parts furnace
- Testing and development of agent quantification system
- Deep bed carbon filter and mustard thaw container testing
- Rocket separation
- Cryofracture and VX water neutralization testing and development
- Demil protective ensemble technology developed
- Removed explosive components in 4.2-inch mustard mortars
- Supported the development of Simulation Equipment Test Hardware (SETH)
- Development of carbon tray filling and certification
- Development and support for chemical agent monitoring
- Alternative technologies tested for the ACWA program, including: energetic rotary hydrolyser, projectile and mortar washout systems, continuous steam treater, VX and mustard hydrolysate
- Non-stockpile empty ton container processing
- Sampling of 155mm projectiles' explosive components
- Study of neutralization processes for full-scale destruction of Lewisite
- Secondary waste segregation and treatment

