



U.S. ARMY CHEMICAL MATERIALS AGENCY

FACT SHEET

WWW.CMA.ARMY.MIL

Pueblo Chemical Depot

Pueblo Chemical Depot Chemical Munitions



CMA oversees the secure storage of chemical munitions at PCD. Both CMA and PCD are committed to the safe and secure storage of the chemical weapons until the stockpile can be eliminated.



For more information, contact the

Pueblo Chemical Stockpile Outreach Office

104 W. B Street
Pueblo, CO 81003
Phone: (719) 546-0400

or contact the

Public Affairs Office

(719) 549-4135

usarmy.pueblo.usamc.mbx.pcd-pao@mail.mil

or the

CMA Public Affairs Office

(800) 488-0648

The U.S. Army Pueblo Chemical Depot (PCD) located near Pueblo, Colo., houses a chemical weapons stockpile which comprises approximately 8 percent of the Nation's original chemical weapons stockpile. This stockpile is scheduled for future destruction under the U.S. Army Element Assembled Chemical Weapons Alternatives program. The depot's current mission is the safe and secure storage and monitoring of the chemical stockpile, preparation for destruction of the chemical

stockpile and preparation for depot closure. Encompassing approximately 23,000 acres, PCD reports to the U.S. Army Chemical Materials Agency (CMA).

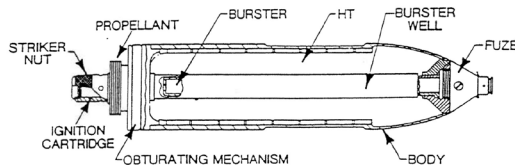
PCD stores blister agent (HD and HT), commonly called mustard, in chemical munitions. Five types of munitions containing mustard are stored at PCD. The five types are:

4.2" Mortar, M2 (HT) and M2A1 (HD)

The 4.2-inch mortar shell, produced in the United States, consists of a one-piece forged steel-case projectile body with fuze, burster and tail assembly. The agent is sealed in the munition with a steel burster well. The shell contains a perforated vane assembly welded

to the inside of the body, designed to accommodate the burster tube extending from the fuze. The tail assembly consists of a pressure plate and rotating disk, propelling charge, cartridge container, ignition cartridge and striker nut assembly.

M2/M2A1 Characteristics



LENGTH	21.0"
DIAMETER	4.2"
TOTAL WEIGHT	25 lbs
AGENT	M2 - HT; M2A1 - HD
AGENT WEIGHT	M2 - 5.8 lbs; M2A1 - 6.0 lbs
AGENT VOLUME	M2 - 0.55 gallons; M2A1 - 0.57 gallons
PACKAGING	2 mortars/box



Pueblo Chemical Depot Chemical Munitions (continued)

Projectiles

Projectiles are artillery shells that are fired from cannons. Each projectile contains a fuze and an explosive burster. Upon impact, the fuze ignites the burster charge, located in the center of the shell. This causes the

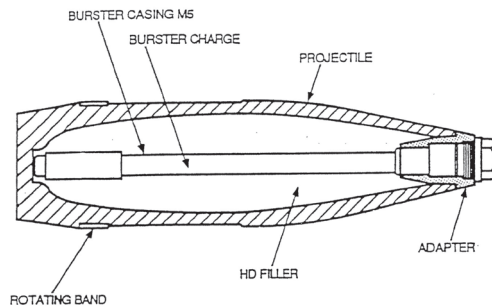
shell to explode and disperse the chemical agent. PCD stores three types of projectiles.

105 mm Projectile or Cartridge, M60 (HD)

The 105 mm projectile is a World War II-type munition. The projectile contains blister (mustard) agent HD. Colored bands, signifying the chemical agent within the munition, mark the outside of the projectile casings. The shell contains an adapter and booster casing that screw into the nose

of the shell, allowing a fuse to be screwed into the nose of the projectile. The U.S. Army designed the 105 mm projectile to replace the World War I 75 mm projectile.

M60 Characteristics



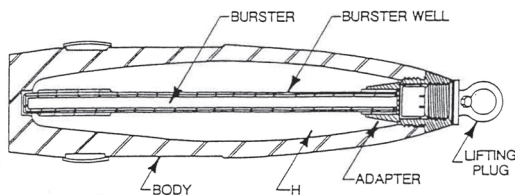
LENGTH	21.0"
DIAMETER	105 mm
TOTAL WEIGHT	32 lbs
AGENT	HD
AGENT WEIGHT	3.0 lbs
AGENT VOLUME	0.28 gallons
PACKAGING	48 projectiles/wooden pallet or 2 projectiles/box

155 mm Projectile, M104 (HD) and M110 (HD)

The 155 mm projectile is also a World War II-type munition. Both the M104 and M110 projectiles contain blister (mustard) agent HD. Colored bands, signifying the chemical agent contained in the munition, mark the outside of the projectile casings. The shell contains an adapter and burster casing that

screw into the nose of the shell, also allowing a fuse to be screwed into the nose of the projectile. The U.S. Army designed the 155 mm projectile, along with the 105 mm projectile, to replace the World War I 75 mm projectile.

M104/M110 Characteristics



LENGTH	26.8"
DIAMETER	155 mm
TOTAL WEIGHT	M104 - 95.0 lbs; M110 - 99.0 lbs
AGENT	HD
AGENT WEIGHT	11.7 lbs
AGENT VOLUME	1.1 gallons
PACKAGING	8 projectiles/wooden pallet