



U.S. ARMY CHEMICAL MATERIALS AGENCY

# FACT SHEET

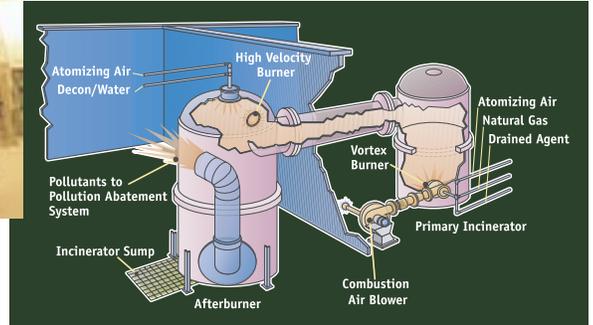
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## Umatilla Chemical Depot

### Umatilla's Incinerators

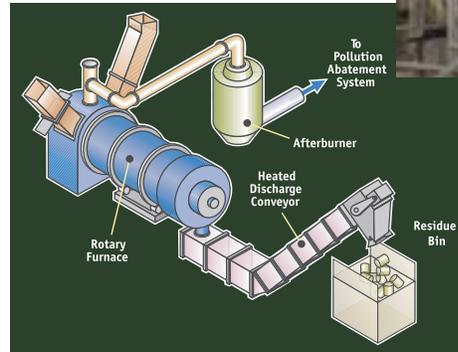
#### Liquid Incinerator

Liquid chemical agents and decontamination solutions are destroyed in the Liquid Incinerator system. It includes a primary chamber operating at 2,700° F and a secondary chamber operating at 2,000° F. All exhaust gases are thoroughly cleaned as they pass through an air-scrubber system called the Pollution Abatement System.



#### Deactivation Furnace

The Deactivation Furnace System destroys solid materials such as explosives, rocket motors, land mines and residual agent-contaminated material at about 1,050° F. The items are thermally treated in a rotary furnace, and the leftover metals and ash residue receive additional treatment on a heated discharge conveyor that empties into a residue bin. The exhaust gases from the furnace are treated and destroyed in the afterburner at about 2,000° F before passing through the Pollution Abatement System.



#### Metal Parts Furnace

The Metal Parts Furnace decontaminates bulk containers and munition shells by burning away residual chemical agent. These items are first incinerated in the primary combustion chamber at about 1400–1600° F. The scrap metal then enters an airlock where it is tested for any remaining agent before being released for scrap handling. Gases pass through an afterburner heated to 2,000° F before being processed by the Pollution Abatement System.



For more information, contact the **Umatilla Chemical Disposal Outreach Office**  
190 E. Main St.  
Hermiston, OR 97838  
Phone: (541) 564-9339  
Fax: (541) 564-9532

or contact the **Public Affairs Office**  
(541) 564-5312

or the **CMA Public Affairs Office**  
(800) 488-0648