

2.1.2.3 Hurd Burn Units

The unit consists of a quarter-inch thick steel, enclosed cylindrical box equipped with a hinged door on one end. The cylinder or barrel is mounted on a movable trailer which may be positioned on a concrete pad when in operation. The fuel source for the unit is a pair of propane tanks. Waste military munitions are placed onto screens in the barrel of the units. The door to the unit is closed and the propane fuel source is turned on and adjusted through a regulator. The application of a flame ignites the unit. Air holes located on both sides of the unit provide oxygen for the burn. Air emissions escape through the vent at the top of the unit, the air holes on the side of the unit, and through cracks in the doorway. A maximum of 25 pounds NEW may be placed into a single burn unit at any time. The maximum treatment time is 20 minutes. Situating the unit on a steel reinforced concrete slab will provide additional containment in the event of spillage of ash or kickout. However, the unit has no air pollution control features associated with it.



View of Hurd Burn Unit. This is a mobile unit which can be used for treating small quantities of PEP.

