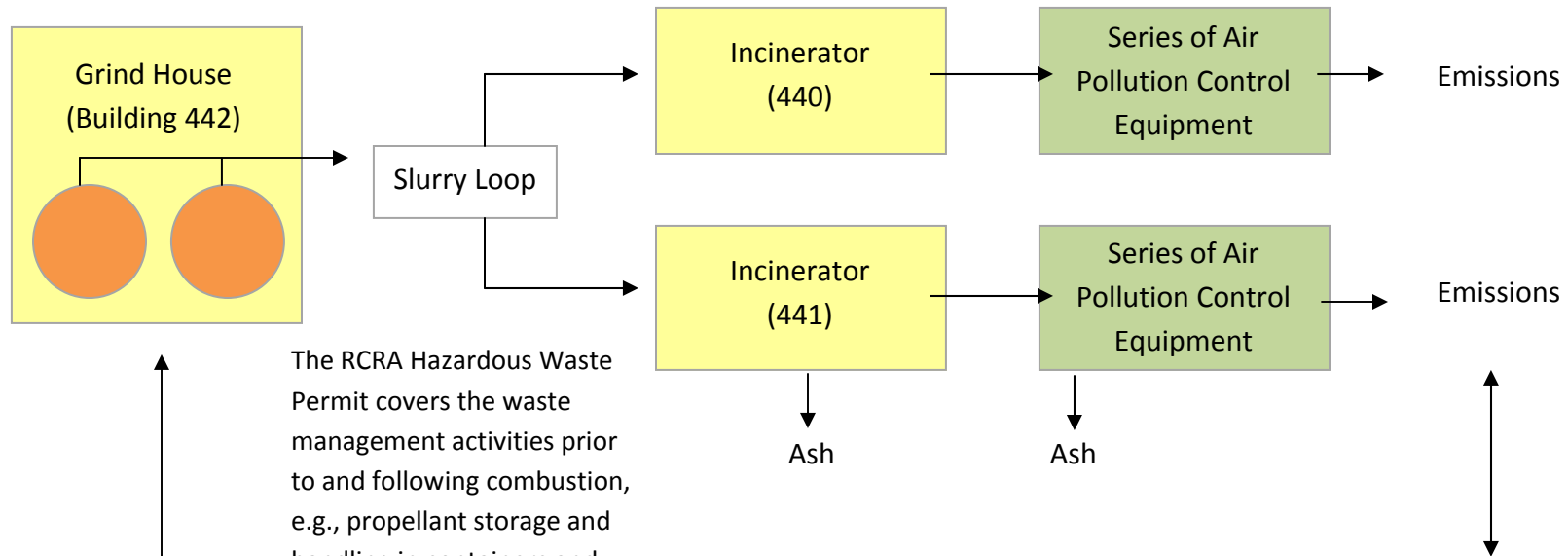


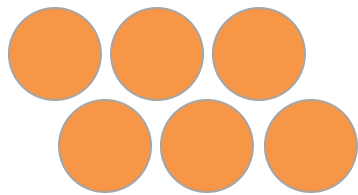
Hazardous Waste Incinerators at Radford Army Ammunition Plant (RAAP)



The RCRA Hazardous Waste Permit covers the waste management activities prior to and following combustion, e.g., propellant storage and handling in containers and tanks and ash residues.

Trial Burns

Trial burns are conducted periodically to collect data to set operating parameters such as metals feed rates, temperatures, pressures on APC equipment. Known concentrations of metals plus spiked samples are fed to the incinerator. During the trial burn, mobile equipment is brought on site to measure the metals emissions from the stack.



Waste Propellant

Emissions & Operating Conditions

The facility monitors emissions for parameters like CO and O2. The facility also monitors temperatures, pressures and feed rates. Parameters are continuously monitored. If any parameter falls outside of the limits set by the trial burn, the feed pump shuts off. RFAAP is required to report these automatic cutoffs. The air emissions are regulated under the CAA and the HW Combustor MACT.