Precautions to Prevent Emissions of Unconfined PM

This process is accomplished through a fully enclosed system of pipes and chutes starting from outloading pipe connection on railroad car(s) to tanker truck inlet opening. PM emissions created by loading flyash from railroad car(s) to storage silo are controlled by a baghouse located atop the silo. Air displaced by material loaded into silo and air introduced by pneumatic conveying process (air compressor) is filtered through this baghouse filtering media. Dust created by fully enclosed outloading system from silo to tanker truck is captured by 8" dia pipe attached to loadout spout close to where spout attaches to tanker inlet opening. This pipe returns fugitive dust back to the silo. Loadout spout terminates with a box which seals tightly around tanker inlet opening to prevent fugitive PM emissions at that point. Loading out of flyash silo and into tanker truck is by gravity; there is no pressure build-up in outloading train to enhance possibility of fugitive dust.

Area around silo and adjacent area will be kept clean and any possible spillage will be cleaned immediately to prevent wind carrying fugitive emissions.