

10.3.22

AIR POLLUTION CONTROL PLAN

OUR CONSTITUTION ON POLLUTION.

The written Air Pollution Control Plan (APCP) is to establish requirements to prevent or minimize air pollution associated with on-site construction activities. The requirements should comply with all federal, state, and local laws, regulations, and standards. Where local or state regulations require more stringent or different controls, the project must incorporate those requirements into the Air Pollution Control Plan. The Air Pollution Control Plan applies to all subcontractors and their sub-tiers.

SITE PREPARATION AND VEHICULAR TRAFFIC

Many local jurisdictions require that a dust control plan be prepared and submitted for approval prior to beginning site preparation or earthwork. Prior to beginning construction, a dust control plan should be developed if required per the job specifications. The dust control plan must include the criteria and frequency for applying water to potentially dusty areas of the site subject to vehicular traffic.

DEMOLITION

The demolition of buildings, tanks, and piping systems can often result in the release of air pollutants. Depending on the age of the building, these materials could contain asbestos or lead-based paint. Ductwork or pipes may contain residual chemicals of concern such as arsenic, adhesives/coatings, solvent, or petroleum vapors. Tanks may contain materials that can release vapors or pose a potentially hazardous situation when being removed.

State and/or local permits are usually required for the demolition of asbestos-containing/coated structures, pipes, and equipment or for the removal of underground fuel/chemical tanks. A certified asbestos removal contractor will be used for any asbestos removal activity. All permits and licenses must be available for review. Sand/bead blasting of metal tanks, heavy equipment, and steel structures generates spent abrasive material and residual rust and paint chips. The paint being removed may contain lead, requiring additional steps to be taken to prevent the release of these materials. Prior to removal, dismantling, or disassembly of tanks, pipes, pumps, or valves, they must be checked to verify that they contain no liquids, sludge, or residues. These residues must be removed in accordance with government, owner, and contractor requirements prior to demolition.