

**Preventative Maintenance Plans.**

The permittee shall perform the following preventative maintenance inspections, if applicable, at least once every twelve months or whenever a deviation or malfunction indicates that maintenance may be needed. The permittee shall make all necessary repairs to ensure that maximum control efficiency is maintained.

- A. Baghouse/Bag Filter/Cartridge Filter**
  - 1. Inspect airlock chain and sprockets.
  - 2. Inspect filter integrity.
  - 3. Inspect filter cleaning system.
  - 4. Inspect door gasket.
  - 5. Validate level alarm functionality.
  
- B. Wet Rotoclone/Wet Scrubber**
  - 1. Inspect fan bearings, sheaves and belts.
  - 2. Inspect water solenoid.
  - 3. Inspect water nozzles.
  
- C. Cyclone/Dual Cyclone/Dry Rotoclone/Skimmer/Horizontal Dust Separator**
  - 1. Inspect airlock chain and sprockets.
  - 2. Inspect door gaskets.
  - 3. Validate level alarm functionality.
  
- D. Aerodyne**
  - 1. Inspect fan bearings, sheaves and belts.
  - 2. Inspect static air vane.
  - 3. Inspect door gaskets.
  - 4. Inspect airlock chain and sprockets.
  - 5. Validate level alarm functionality.
  
- E. Catalytic Oxidizer**
  - 1. Inspect pressure controller set point, pressure controller functionality, pressure lines and vent drain plug.
  - 2. Inspect fan and motor bearings, fan wheels, and drive coupling.
  - 3. Inspect gas train, gas pipe fittings, valves and flame signal.
  - 4. Inspect (CROSSFLOW) prefilter and (LoTemp) catalyst and catalyst gaskets.
  - 5. Inspect (KALEX) heat exchanger cold side inlet.
  - 6. Inspect and test all alarm functions and lights.
  - 7. Replace inlet and outlet thermocouples.