

O&M Plan prepared for:
Date:

OPERATION AND MAINTENANCE PLAN **AIR FILTRATION AND SCRUBBING**

Air filtration and scrubbing measures help to improve air quality. Systems installed to improve air quality by removal of gaseous or particulate air emissions have an estimated service life of ten years. The life of this conservation practice can be assured and usually increased by developing and carrying out a good inspection and maintenance program including the following requirements:

GENERAL REQUIREMENTS

- Manufactured systems must be installed in conformance with the manufacturer's requirements in order to insure proper operation.
- Follow proper start-up procedures for operation of the systems.
- Monitoring devices, if required, shall be installed as specified by the manufacturer.
- As a minimum, inspect the entire system annually. Inspect and replace filtration elements as prescribed by the manufacturer.
- Operate systems within the design requirements.
- Maintain all electrical and mechanical equipment in good operating condition by following the manufacturer's recommendations.
- Maintain grounding rods and wiring for all electrical equipment in good condition.
- Maintain all safety devices and signage.
- Routinely test and inspect all automation components to assure proper functioning.
- Check all base slabs and mountings for durability and ability to hold the equipment in place without vibration. Repair when necessary.
- Inspect and maintain any visual screening or housing structures.
- Maintain surface drainage around the system to avoid ponding of water.
- Immediately repair any vandalism, vehicular or livestock damage to the system, earthen areas surrounding the facility, or any appurtenances.
- Prior to repairing or retrofitting any electrically powered equipment, check that electrical service has been disconnected and verify the absence of stray electrical current.