

O&M Plan prepared for:  
Date:

## **OPERATION AND MAINTENANCE PLAN** **COMBUSTION SYSTEM IMPROVEMENT**

Combustion system improvement measures help to improve air quality. Combustion systems installed to improve air quality including new, replacement, or retrofit combustion systems and related components and devices have an estimated service life consistent with that of the associated conservation system or a minimum of 15 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**

- Combustion systems must be installed in conformance with the manufacturer's requirements in order to insure proper operation.
- Monitoring devices such as power usage meters shall be installed as specified by the manufacturer.
- As a minimum, inspect combustion systems annually and after major storm events.
- Follow proper start-up procedures for operation of the combustion systems.
- Operate combustion 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.
- Replace, repack or tighten any seals or connections when leakage is in excess of the manufactures' specifications.
- Service equipment or components that are subject to freezing.
- Check fuel storage and supply lines for leakage. Repair as needed.
- Inspect and maintain any screening or housing structures.

O&M Plan prepared for:

Date:

- Maintain surface drainage around the combustion system to avoid ponding of water.
- Immediately repair any vandalism, vehicular or livestock damage to the combustion 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.
- Record keeping, when recommended, should include hours of operation, fuel usage, and a log of maintenance activities.