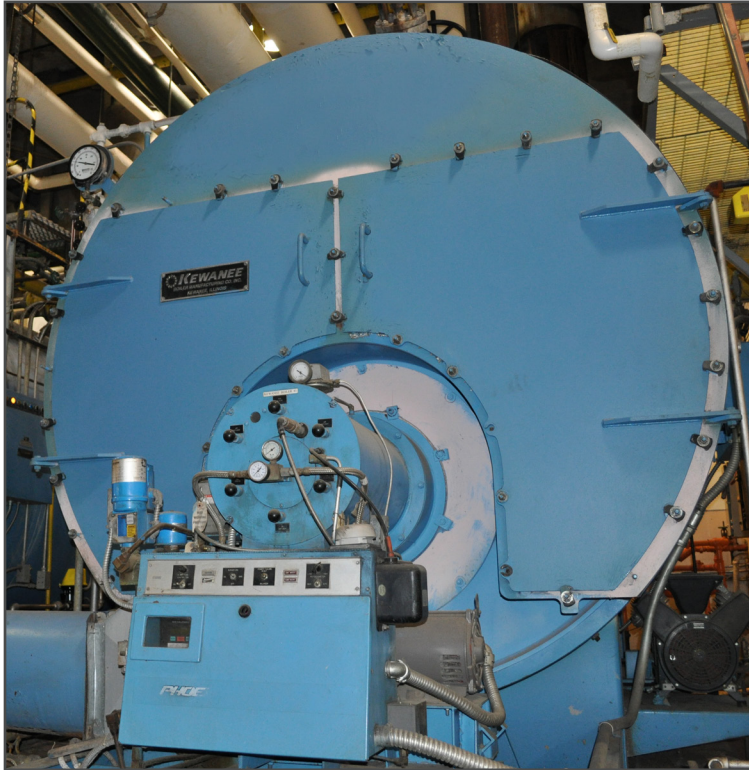


## Customized Boiler Preventative Maintenance Plans

Save Time and Money While Ensuring Safe, Efficient Boiler Equipment Operation



Continued safe operation of your boiler equipment depends on regular maintenance and testing of your equipment and its operating and protective controls. Alpha Mechanical Service, Inc. provides Boiler Preventative Maintenance Plans custom tailored to fit your needs.

Unexpected boiler equipment failure in your industrial plant means loss of production time and revenue. Boiler equipment failure in your commercial or residential building can result in unhappy tenants. Either way, you can count on the inconvenience of unplanned emergency repair expenses.

### What An Alpha Preventative Maintenance Plan Can Do For You

An Alpha Mechanical Service Preventative Maintenance plan will help keep your boiler equipment operating at peak efficiency, reduce unexpected repairs, and ensure that in the event of a problem, you will be at the top of our priority list.

#### Our Boiler Preventative Maintenance Plans Can:

- Help Prevent Major Revenue Loss Due to Unexpected Boiler Failure
- Save Money on Fuel Costs
- Assure Faster Emergency Response
- Improve Your Cash Flow
- Document All Maintenance and Repairs

*Alpha Mechanical Service, Inc. is accredited by the American Society of Mechanical Engineers (ASME) and the National Board of Boiler and Pressure Vessel Inspectors (NBBI).*

R Stamp Certification # R-5242  
S Stamp Certification # 34933



## Checklist for Boiler Planned Preventative Maintenance

Alpha Mechanical Service provides preventative maintenance plans for a wide variety of industrial and commercial boiler installations. Although each installation is unique, this is a common list of preventative maintenance procedures our technicians can perform.

- Open front and rear doors. Clean and vacuum fireside surfaces as needed.
- Remove handhole and manway cover plates. Flush boiler with water to remove loose scale and sediment.
- Inspect refractory. Patch as necessary.
- Inspect tubes for signs of leakage and report to customer.
- Visually inspect all relief valves for leaks and operating pressure.
- Visually inspect all valves and piping in boiler room for fuel leaks, water leaks and steam leaks.
- Check operation of controls, limits and safeties.
- Remove plugs in control piping, inspect, clean and reinstall.
- Remove low and auxiliary low water cut off controls, clean, inspect and reinstall with new gaskets.
- Check flame safeguard control.
- Check operation of feed pumps.
- Check combustion with analyzer and make necessary adjustments to assure energy efficiency.
- Test for proper draft.
- Clean burner and pilot.
- Check pilot electrode and adjust or replace.
- Clean air damper and blower assembly.
- Clean motor starter contacts and check operation.
- Inspect all fresh air vents to ensure proper combustion air.
- Replace all handhole and manway gaskets.
- Check all handhole and manway plates for leaks at normal operating temperatures and pressures.
- Troubleshoot any boiler system problems as requested by on-site personnel.
- Furnish inspection report and advise of any abnormal conditions or necessary repairs.

**To learn more about how Alpha Mechanical Service, Inc. can customize a boiler preventative maintenance plan for you, Contact Us Today.**