

**Boiler Checklist for Residential Equipment.**

**Description**

- Clean Burners
- Clean and adjust pilot operation
- Clean and adjust thermocoupling
- Check hot surface or spark igniter
- Check electrodes
- Check ignition module
- Check draft inducer assembly
  - a.) Pre-purge operation
  - b.) Post-purge operation
- Check gas/oil pressure
- Replace oil filter
- Inspect flame
- Lubricate all necessary components
  
- Check steam / water standing and operating pressures
  
- Inspect system for water or steam leaks and leakage opportunities
- Check all relief valves
- Check water level controls
- Check Inlet strainers for restrictions
- Check air vents
  
- Inspect all linkages on combustion air dampers and fuel valves
- Inspect boiler for air leaks
- Check flu gas temp. and composition
  
- Check condensate drain and trap for blockages
  
- Inspect operation of zone valves and room thermostats
- Inspect heat exchanger for cracks
- Inspect aquastat control for accuracy
- Check between supply and return
- Inspect boiler operating characteristics
- Check all electrical connections
  
- Monitor voltage and amperage on all motors