



## The Experts in High-Efficiency, Natural Gas Heating Systems!

•Fireplaces •Furnaces •Boilers •Heat Pumps •Water Tanks



[www.kirkstone.ca](http://www.kirkstone.ca)

### BOILER INSPECTION CHECKLIST

“Our boiler servicing crew performs an inspection on your boiler. We cover every component of the unit to ensure it’s not only operating at peak performance but also to prevent any future safety risks or large, costly repairs. We’re equipped with the latest equipment to identify any gas leaks, carbon monoxide emissions, and performance-related issues. After servicing your boiler, we’ll provide you with a complete checklist of the tests conducted and actions performed. Listed below are some of the tasks carried out during our tune-up and inspection:

- 1 Test for carbon monoxide emissions.
- 2 Check all gas connections and components for gas leaks.
- 3 Measure and ensure pressure and temperature readings are within appropriate ranges.
- 4 Look for service codes or errors on the display panel.
- 5 Inspect flue gas vent piping and combustion air piping for signs of leakage, corrosion, or deterioration.
- 6 Ensure all joint and pipe connections are tight.
- 7 Inspect the condensate drain system (drain line, PVC fittings, and drain trap) for blockages.
- 8 Ensure air inlet and vent terminations are clear and unobstructed.
- 9 Check that the combustion air opening is unobstructed.
- 10 Monitor for any unusual noises or vibrations.
- 11 Inspect the boiler relief valve and discharge pipe for signs of weeping or leakage.
- 12 Examine high-limit switch, zone-valve, and mixing-valve performance.
- 13 Test low water cutoff.
- 14 Inspect and clean the heat exchanger.
- 15 Inspect, clean, and flush the condensate system.
- 16 Inspect and clean the burner assembly (including ignitor and flame sensor).
- 17 Adjust burners, if necessary.
- 18 Ensure all wiring and cables are securely connected, replacing any loose or worn wires.
- 19 Check water pH levels.
- 20 Verify control settings and test safety controls.
- 21 Confirm the boiler is operating at peak performance after cleaning and inspection.
- 22 Ensure the water regulator is functioning properly.
- 23 Examine the expansion tank.
- 24 Assess ignition and thermocouple.
- 25 Perform air-flushing on the system.
- 26 Measure gas manifold pressure.
- 27 Inspect safety limit switches.



**Approximate age of boiler:**

I hereby certify that the inspection and corrective measures or adjustments noted were performed.

Technician Name: \_\_\_\_\_

Date: \_\_\_\_\_

Technician Signature: \_\_\_\_\_

Gas License Number: \_\_\_\_\_

Customer Name: \_\_\_\_\_

Date: \_\_\_\_\_

Customer Signature: \_\_\_\_\_

Invoice Number: \_\_\_\_\_

