



THE COMPANY OF PROFESSIONALS - EST. 1956

21 POINT GAS HEATING INSPECTION

1. **Thermostat Calibration:** Verify that the thermostat is accurate and calibrate if necessary.
2. **Air Filter Inspection:** Check and replace the air filter to ensure proper airflow.
3. **Pilot Light Examination:** Inspect the pilot light to ensure its lit and the flame is steady.
4. **Gas Leaks Check:** Inspect all gas connections and lines for leaks using a gas leak detector.
5. **Combustion Chamber Inspection:** Examine the combustion chamber for signs of corrosion, rust, or damage.
6. **Burner Inspection:** Clean the burner and inspect for proper ignition and flame characteristics.
7. **Heat Exchanger Examination:** Inspect the heat exchanger for cracks, corrosion, or other damage.
8. **Flue Pipe Inspection:** Check the flue pipe for proper venting and any signs of blockage or damage.
9. **Carbon Monoxide Detection:** Check for CO.
10. **Ventilation Check:** Verify that vents and ducts are clear and free from obstruction.
11. **Gas Pressure Adjustment:** Measure and adjust gas pressure to meet manufacturer specifications.
12. **Control Panel Inspection:** Check the control panel for any error codes or malfunctions.
13. **Pilot Assembly Cleaning:** Clean the pilot assembly and remove any debris.
14. **Safety Control Test:** Test safety controls, including limit switches and pressure switches.
15. **Ignition System Test:** Verify the proper functioning of the ignition system.
16. **Lubrication of Moving Parts:** Lubricate motors, fans, and other moving parts to reduce friction.
17. **Blower Motor Inspection:** Inspect the blower motor for proper operation and cleanliness.
18. **Electrical Connection Check:** Tighten and inspect all electrical connections.
19. **Inspect Flue Gas for Proper Composition:** Check flue gas for proper combustion by analyzing composition.
20. **Check for Unusual Noises:** Listen for any unusual noises during operation and investigate if necessary.
21. **Visual Inspection:** Check overall condition of unit.

Note: Some tasks may not be applicable to all accounts/equipment.