

Electrical Panel Inspection Checklist

Date: _____

Inspector Name: _____

Location: _____

Homeowner Name: _____

General Inspection:

- Ensure the panel is easily accessible.
- Verify the panel door opens and closes properly.
- Check for any signs of water damage or rust.
- Confirm proper labeling of all circuit breakers.
- Ensure the panel is free of any obstructions.

Panel and Breakers:

- Inspect the main breaker for proper function.
- Check that all circuit breakers are correctly installed.
- Look for signs of overheating or burn marks.
- Test each breaker to ensure it trips properly.
- Verify the amperage rating of breakers matches the wire sizes.

Wiring:

- Inspect for any loose or frayed wires.
- Check for proper grounding and bonding.
- Ensure no double-tapped breakers unless designed for it.
- Look for proper wire color coding.
- Verify no wires are in contact with sharp edges.

Grounding and Bonding:

- Ensure the ground bus bar is properly connected.
- Check for a proper connection to the grounding electrode.
- Verify the neutral bus bar is isolated from the ground bus bar (if required by local codes).
- Inspect the grounding conductor for continuity.

Safety:

- Ensure there are no open knockouts or missing panel covers.
- Check for proper arc fault circuit interrupter (AFCI) protection where required.
- Verify ground fault circuit interrupter (GFCI) protection where required.
- Inspect for the presence of any recalled or obsolete breakers (e.g., Federal Pacific, Zinsco).
- Confirm there are no signs of pest infestation in or around the panel.

Documentation and Labels:

- Verify all circuits are labeled clearly and correctly.
- Ensure the panel schedule is accurate and up-to-date.
- Check for any necessary warning labels.

Notes and Observations:

Recommendations:

Customer Signature: _____

Date: _____