



Electrical Panel Inspection Checklist

Tips and Tasks

Electrical Panel Inspection

Company: _____

Worksite address: _____

Inspected by: _____

Date: _____ Time: _____

Safety

- Use proper personal protective equipment (PPE).
- Ensure workspace is well-lit and free of hazards.
- Follow all safety protocols and guidelines.

General Inspection

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

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.

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Electrical Wiring

- Inspect for loose connections 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 & Bonding

- Ensure the ground busbar is properly connected.
- Verify all grounding and bonding connections are secure.
- Use a ground resistance tester to check the grounding system's integrity.

Electrical Panel Inspection Tips

- Document all findings and actions taken.
- Note any immediate actions required.
- Provide recommendations for any necessary repairs or maintenance.
- Schedule follow-up inspections.
- Utilize preventive maintenance software to streamline scheduling and task management.

Notes & Observations