



ELECTRIC INSPECTION

Our whole home Electric Inspection provides a comprehensive inspection of your interior Electrical System. Focused on detecting potential problems before safety and your convenience are impacted, our inspection will give you peace of mind and resolve electrical issues throughout your home.

What We Do

Our 17-point electric inspection includes the following:

At your service panel, we will:

- Check for open breaker slots or knockouts, damaged/loose conduits or wires and determine if there is any expansion ability in the main panel.
- Check and tighten wire termination on all wires in panel, including main feeders and branch circuits.
- Check bus bar for damage, discoloration, or burn marks.
- Check main grounding system (two points of ground).
- Check wires in panel; any aluminum, too many per breaker, brittle or burnt.
- Check breakers amperage and confirm they match wire sizing.

Throughout the home, we will:

- Check accessible electrical outlets using plug tester – check polarity & grounding.
- Remove two outlets to check for wiring method, age and arcing.
- Confirm GFCIs (Ground Fault Circuit Interrupter) exists in all code-required locations (garage, unfinished basements, crawlspaces, bathroom, kitchen, etc.).
- Check GFCIs operation.
- Check switches manually to ensure they are operating properly.
- Look for any generally unsafe conditions (unsecured wires, missing cover plates, missing junction boxes).
- Check smoke detector operation and change batteries.
- Check smoke detectors/CO detector locations to meet code (every bedroom, hallway outside of bedrooms, every floor) and change batteries.

- Check grounding on major appliances: dryer, range.
- Check ceiling fan(s) operation.
- Check exhaust fan(s).

We will provide you with a 360° Evaluation, answer your questions and discuss any safety concerns noted. We will also apply safety identification labels to your panel and associated equipment.

When is an Electrical Inspection Needed?

- Upon buying a home.
- When a home is older than 40 years.
- When adding a major appliance.
- Prior to or during a major home renovation.

Benefits of an Electric Inspection

- Ensuring the safe operation of electrical components in your home. Identify electrocution hazards. This includes reducing the risks of both mild and severe shocks.
- Decreased risk of fire: Electrical fires are the most common cause of total home loss in the nation. In fact, each year, around 51,000 house fires originate from electrical systems¹. Faulty wiring could also result in major electronic damage during severe weather. We can discover damage early and prevent short circuits and possible fires.
- Identify common electrical mistakes made by contractors and previous DIY homeowners.
- Recognizing outdated wiring such as aluminum or knob-and-tube.
- Identify electrical wiring and components that may have degraded over time.
- Spot oversized fuses or breakers and panels that could lead to fire.
- Help you save energy and reduce costs. Loose connections cause significant power and inflate your utility bill. Energy efficient lighting upgrades are an easy way to save money.

Call A-N-T-H-O-N-Y 268-4669 (913) or (816)
www.AnthonyPHCE.com/ASAP

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¹<https://www.esfi.org/resource/home-electrical-fires-184>

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