

# OUR PROMISE TO YOU

At AWP Home Inspections, LLC, we are passionate about serving our customers' home inspection and environmental testing needs.

Our customers have trusted our inspection services for over a decade. We work to educate you about the property's condition with our affordable, worthwhile, and professional inspection services.

The more we can teach you about your property, the more comfortable and easier it becomes for you to make better decisions about your purchase.

We are so confident in our inspections that we cover them with a 200% satisfaction guarantee. Give our office a call today to find out more about how we can help you.

Our goal is to inspire confidence, one home at a time.



Sincerely,  
*David Warren*  
Director of Operations



Your satisfaction and overall experience with us are our highest priority! We are so confident in what we do, that we are willing to back it up 200%

If you later find a deficiency that was required to be inspected, you can be reimbursed.



AWP Home Inspections is committed to providing home inspection services that meet or exceed all customer requirements and industry standards. Our Home Inspectors are committed to this goal on every inspection they perform and stand by our motto – Affordable, Worthwhile, and Professional. We pride ourselves on being able to offer professional and affordable home inspections. As a Certified Professional Master Home Inspector, AWP Home Inspections follows a Standards of Practice and abides by a Code of Ethics.

Our policy at AWP Home Inspections, LLC is to continually improve performance by supplying quality services and information that shall consistently meet or exceed the requirements of our customers. We will ensure a high level of customer satisfaction to maintain long-term commitments, productive customer relationships, and to provide a positive customer experience.



✓ Experienced ✓ Educated  
✓ Established ✓ Vetted  
✓ Professional ✓ The Best!



Schedule your inspection online!

MOLD | TERMITE | RADON | SEPTIC

**CERTIFIED PROFESSIONAL  
INSPECTION SERVICES**

**Affordable, Worthwhile & Professional**

**CALL TODAY!**



**765-421-2828**

Your Top Choice for Home Inspection Services!



# UNDERSTANDING ELECTRICITY



Understanding electricity has become indispensable for many in today's world. With it, we control our comfort and many of the functions of daily life.

**Inadequate wiring in improper installations can create serious even lethal conditions.**

Yet electricity also brings with it the potential for great danger. Inadequate wiring in improper installations can create serious even lethal conditions.

**IF YOUR HOME EXHIBITS INDICATORS OF EARLIER WATER INTRUSION, AN AWP HOME INSPECTOR CAN HELP YOU!**

## **DANGER SIGNS**

Homeowners should be prepared for electrical repairs if any of the following danger signs are observed.

- Dangling wires overuse of extension cords.
- Unsupported cabling.
- Overheated wires.
- Open Junction boxes.
- Splices not enclosed in a metal or plastic Box.
- Heat emanating from switches outlets Junction boxes for service panels.
- Wires past doorways
- Radiators under carpets were dimming lights

### **ELECTRICAL SERVICE**

An electrical system must be installed correctly in accordance with the criteria of the national electrical code and any applicable local legislation in order to be safe. When installing, repairing, or enhancing the electrical circuits inside a home, licensed electricians adhere to the regulations.

### **SIZE OF THE SERVICE**

Many factors determine the available amperage of a home. An electrician or an AWP home inspector can tell you how many amps your electrical system is set to provide.

### **THE ELECTRIC METER**

A company charges you according to the number of W that is registered on the digital readout or dials of your electrical meter. The meter itself which belongs to the utility may be located inside or outside the house.

### **MAIN DISTRIBUTION PANELS**

The main distribution panel is the heart of the electrical system it is usually located on a wall near the Incoming service entrance wire. The service disconnect can be integral part of this panel or it can be in a separate panel near the meter. The national electric code allows up to 6 disconnects the shut off all the power in a house. It is a central home owners know the location of all service disconnects and understands how to use them in the event of an emergency.

### **OVERLOAD PROTECTION**

When too much current flows through a wire, the wire gets hot sometimes hot enough to destroy the insulation and cause a fire. This situation called an overload may develop from a short circuit where bare wires are touching each other or more frequently.

### **SERVICE GROUND**

Every electrical system needs to be grounded in order to prevent a lightning strike or power surge from harming the house's systems or anyone within.

### **POWER DISTRIBUTION**

If there are too few circuits or their loads are not distributed properly throughout the house there may be frequent overloads. This type of service is inadequate and may present a fire hazard. An electrician should perform a load assessment and make the necessary repairs if certain breakers trip frequently or certain fusion fuses frequently blow.

### **OUTLET RECEPTACLES**

No point on any wall should be more than 6" away from an outlet in the modern optimum arrangement of duplex receptacles for safety and convenience, which is one for every 12" of running all space or one on each wall of the normal 10" by 12" room. The goal is to prevent using extension cords, which can wear out, break, or just overheat and start a fire.

### **CONDUCTORS**

Aluminum wired homes may need upgrades or rewiring, but only a licensed electrician should be permitted to assess and fix these potentially dangerous problems. Modern electrical cables often consist of 23 or 4 insulated wires that are encased in an armored jacket made of metal or a non-metallic fabric jacket made of plastic.

