



Electrical Safety Inspection Checklist



Prevent electrical hazards & prepare for an inspection with this checklist.

Introduction

Electrical inspections are one of the most important things homeowners can do to ensure the safety of anyone who steps foot inside their home. Not only do electrical safety inspections provide peace of mind, but can save thousands of dollars in electrical nightmares.

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According to the [National Fire Protection Association \(NFPA\)](#), fire departments in the U.S. responded to an estimated annual average of 47,820 reported home structure fires involving electrical failure or malfunction in 2007-2011—resulting in 455 civilian deaths, 1,518 civilian injuries and \$1.5 billion in direct property damage. In addition, the [United States Consumer Product Safety Commission \(CPSC\)](#) explains,

During 2010-2012 an estimated annual average of 9,600 fires was attributable to electrical distribution equipment (e.g., installed wiring, lighting). This is 2.7 percent of the estimated annual average number of residential fires for this period. The annual average death estimate is 130 (6.0 percent of average annual estimated residential fire deaths); the injury estimates averaged 470, which is 3.7 percent of the estimated annual average of residential fire injuries.

The good news is that you can use this checklist to prevent your home from falling victim to an electrical failure or malfunction by addressing safety hazards.



Home Electrical Safety Inspection Checklist

Electrical Switches & Outlets

Questions & Tips	y/n	Call Us
Are they working properly?		X
Are there any warm to the touch?		X
Is there any discoloration?		X
Do they make crackling, buzzing or sizzling sounds?		X
Do plugs fit snugly into all outlets?		X

Electrical Cords

Questions & Tips	y/n	Call Us
Are any cracked, frayed or damaged? Replace cord.		
Are any pinched by obstacles? Move obstacle or relocate cord.		
Attached with nails/staples? Remove nails or staples.		
Cords under carpet? Uncover cords.		
Do you use extension cords on permanent basis?		X
Wrapped up while in use? Unwrap.		

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Lamps & Appliances

Questions & Tips	y/n	Call Us
Using the best wattage bulb in all light fixtures? Use 60 watts if unsure.		
Appliance cords away from hot surfaces? Move away immediately.		

Electrical Panel

Questions & Tips	y/n	Call Us
Do you have recurring blown fuses or tripped circuit breakers?		x
Are fuses of circuit breakers the correct size for circuit?		x
Do you have arc fault circuit interrupters (ACFIs)?		
Do you want to install ACFIs?		x
Do you test ACFIs monthly?		

Benefits of Electrical Safety Inspections

Improved Safety & Peace of Mind

Identifying and fixing electrical hazards minimize risk of electric shock or fire.

Better Home Value

A safe and electrically sound home can increase the quality, workmanship standards, and overall sales value of your home.

Increased System Lifetime

Once any electrical hazards have been updated, this increases your electrical system's lifetime and reliability.

Reduced Insurance Premiums

Now that you don't have to insure a safety hazard, your home insurance premiums may lower.

An Electrical Fire Could Happen While You're Sleeping.

According to the U.S. Department of
Homeland Security, 15% of
residential building electrical fires
start in bedrooms.

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We've Got You Covered.

Don't wait, contact us today and ensure the safety of your family and friends with an electrical home inspection from D C Electric of Raleigh.

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