



# National Electrical Code

## Understanding the Code that Keeps Us Safe

**Electricity is everywhere** and it affects every aspect of our lives. However, it isn't until we lose power that we realize just how much we take electricity for granted. **Codes and Standards** help us use electricity in a **safe and efficient** manner.

### What is an Electrical Standard?

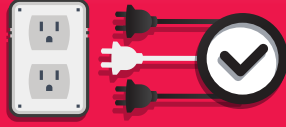
Standards serve as the foundation of our electrified lives and allow for:



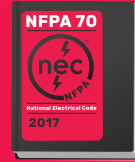
Safety



Efficiency



Interoperability



Standards are put into place through **safety codes** such as the National Electrical Code

### What is the National Electrical Code?

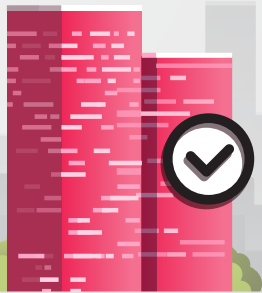


Sets the **minimum standards** for safe electrical installation

Is updated every **3 YEARS**



Ensures that **electrical systems** behind our walls are **safe**



**Strict codes and standards** keep public buildings safe through regular **inspections and upgrades**

#### 15 Revisions



There have been **15 new editions of the NEC** since the year the average American home was built



### WARNING

Homes not up to date with the latest safety codes:



**May not be equipped** to handle today's electrical needs



Are **not adequately protected** against fire and electrical hazards

### Why upgrade?



In the last **40 years** NEC requirements **reduced home electrocutions** by:

**83%**



Average cost to **upgrade** from the 2011 NEC to the 2017 NEC:

**Under \$200**

ESFI strongly encourages states and jurisdictions to **adopt the most recent codes and standards** to protect residents with the latest advancements in safety technology.

Learn more about codes and how your state adopts the NEC at [ESFI.org](http://ESFI.org)



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