



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?

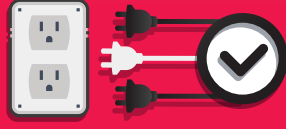
Standards serve as the foundation of our electrified lives and allow for:



Safety



Efficiency



Interoperability



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

What is the National Electrical Code?

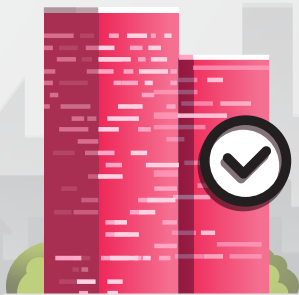


Sets the **minimum standards** for safe electrical installation

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

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