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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