



# Electrical Safety Cycle

## The National Electrical Code

The Electrical Safety Cycle, built from Codes and Standards, is the first line of defense against potential electrical hazards.

### The Electrical Safety Cycle:



Government agencies and testing laboratories provide statistics, data, and research to identify emerging safety issues



#### 1. Identifying the Problem

A



New technology is created to mitigate hazards not addressed in previous editions of the NEC

B



This technology is then tested by a 3rd party testing laboratory to ensure safe everyday use and compliance to safety standards

#### 2. Identifying the Solution

#### 4. Enforcing the Code

A

The NEC is updated every **3 YEARS**

B



Electrical contractors use the NEC to ensure products are safely installed

C



Code enforcement inspections verify that installation meet code requirements

#### 3. Implementing the Code

A



New technology is presented to the public and technical committees for consideration in the NEC

B



New code requirements are revised by NFPA's committee on the NEC

C



Public, expert and consumer feedback is taken and reviewed

D



Code is now complete and is presented to states for adoption

E



The majority of NEC changes are installation safety standards

Is your state up to code and following the Electrical Safety Cycle? Learn more at [ESFI.org](http://ESFI.org)



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