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:

1. Identifying the Problem
   - Government agencies and testing laboratories provide statistics, data, and research to identify emerging safety issues

2. Identifying the Solution
   - New technology is created to mitigate hazards not addressed in previous editions of the NEC
   - This technology is then tested by a 3rd party testing laboratory to ensure safe everyday use and compliance to safety standards

3. Implementing the Code
   - New technology is presented to the public and technical committees for consideration in the NEC
   - New code requirements are revised by NFPA’s committee on the NEC
   - Public, expert and consumer feedback is taken and reviewed
   - Code is now complete and is presented to states for adoption
   - The majority of NEC changes are installation safety standards

4. Enforcing the Code
   - The NEC is updated every 3 YEARS
   - Electrical contractors use the NEC to ensure products are safely installed
   - Code enforcement inspections verify that installation meet code requirements

Is your state up to code and following the Electrical Safety Cycle? Learn more at ESFI.org