National Electrical Safety Code® (NESC®)  
2017 Edition Available August 2016!

NESC 2017

The National Electrical Safety Code (NESC) is revised every 5 years and published exclusively by IEEE. It sets the ground rules for practical safeguarding of persons during the installation, operation, or maintenance of electric supply and communication lines and associated equipment.

The NESC is considered to be the authoritative source on best electrical engineering practices and has been for 100 years. The 2017 edition contains extensive updates and critical revisions that directly impact the power utility industry.

Major revisions for the 2017 Edition include:

* Revising the purpose rule to include only the safeguarding of persons and utility facilities and clarifying the application rules
* Deleting unused definitions and adding definitions for communication and supply space
* Revising the substation impenetrable fence requirements
* Adding an exception to exempt underground cable grounding requirements from the 4 grounds in each mile rule under certain conditions
* Revising and reorganizing the guy insulator placement rules along with eliminating the voltage transfer requirements associated with them
* Requiring a 40” vertical clearance from communication cables in the communication space if a luminaire is not effectively grounded
* Deleting the conductance requirement for underground insulating jacketed grounded neutral supply cables and revising the grounding and bonding rules for supply and communication cables in random separation installations
* Revising and reorganizing the Grades of Construction Table 242-1 that will now include service drops

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NESC 2017 Standards Collection

The NESC Code covers basic provisions for safeguarding of persons from hazards arising from the installation, operation, or maintenance of conductors and equipment. The code also includes work rules for the construction, maintenance, and operation of electric supply and communication lines and equipment. The NESC is applicable to the systems and equipment operated by utilities, or similar systems and equipment, of an industrial establishment or complex under the control of qualified persons.


2017 NESC Handbook

The new NESC Handbook represents a next-generation tool for the professional who needs to understand the NESC. The handbook was developed for use at many levels in the electric and communication industries, including those involved in system design, construction, maintenance, inspection, standards development, and worker training. Unlike earlier handbooks, this new edition includes the code divided and interspersed throughout the handbook, with interpretations and background information corresponding to the actual portions of code being discussed and highlighted.

Get access to the NESC Code and Handbook today!