

THE NATIONAL ELECTRIC SAFETY CODE

SAFETY IN NUMBERS

NESC 2023

SETTING THE GROUND RULES

The 2023 edition of the NESC continues to provide guidance for the practical safeguarding of persons and utility facilities during the installation, operation, and maintenance of electric supply and communication facilities. Here are some of the highlights:

RULES 190-195 

New rules for Photovoltaic (PV) generating stations

RULE 116c 

Adds EXCEPTION for providing short-circuit protection if < 1000 V and short lengths of insulated power cables.

RULE 320B 

Revised to clarify separations apply to communications and supply in different conduit systems.

TABLE 410-4 

Adds new Table based on latest Arc-Flash testing on live-front transformers.

RULE 092A 

Exception added allowing protection, control, safety battery systems to not be grounded.

RULES 234 B1, C1, D1 

Revised to better present vertical and horizontal wind clearances, and coordinate requirements with new Table 234-7.

RULE 120A 

Revised, now provides correction factors for clearances on higher elevations.

TABLE 253-1 

Revised to reduce Load Factor for fiber-reinforced polymer components under wire tension, including dead ends, for Grade C construction.

RULE 410A 

Revised to require a specific radio-frequency safety program for exposed employees.

THE 2023 NESC
AVAILABLE ON 1 AUGUST, 2022



THE NEXT GENERATION THE NESC NEEDS YOU!

Since its inception, the NESC has contributed to major electrical safety regulations for more than 100 years, and to continue to do so, the NESC leadership is seeking for new members in multiple Subcommittees.

PLEASE JOIN US IN THIS JOURNEY.

At the conclusion of the current Code cycle, new working group members will supplement current teams, their technical contributions and, the overall legacy of the Code. Please consider being part of this amazing group of experts.

WHO CAN JOIN?

- Power and energy engineers
- Public, private, and cooperative utilities
- U.S. state and local-level regulatory and policy authorities
- Academia and research, including professors and students
- Telecoms industry experts
- Renewables industry stakeholders

PARTICIPATION INCLUDES THE FOLLOWING ACTIVITIES:

- Active engagement on Working Groups and Task Forces to create, evaluate and consider technical topics
- Drafting of responses to comments and positions on standards
- Ballot review and consideration of comments
- Voting on change proposals submitted to technical subcommittees

Learn more about participating and fill out the form to express your interest. **Please visit, [engagestandards.ieee.org/join-NESC.html](https://standards.ieee.org/join-NESC.html) or scan the QR code to the right.**

