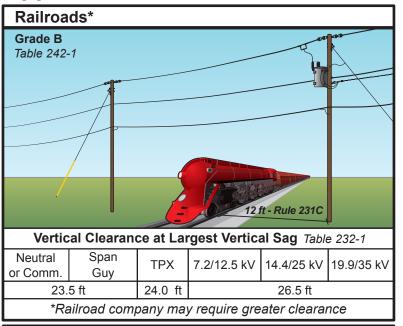
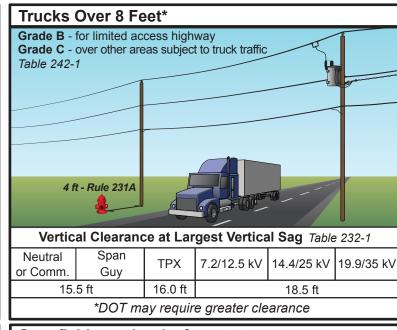
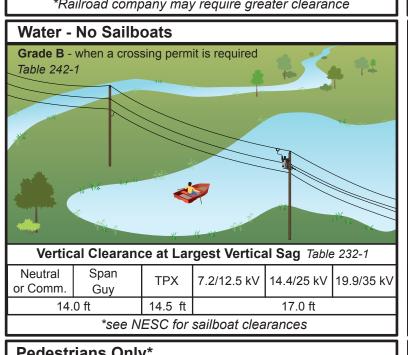
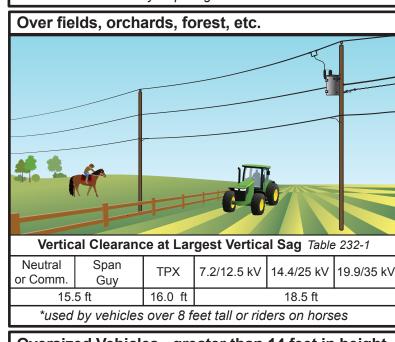
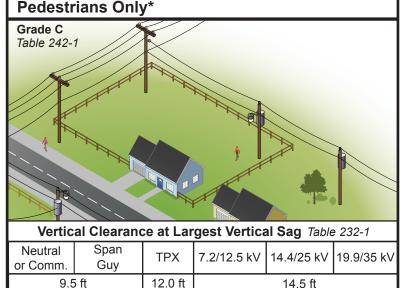
Application Guide for 2023 NESC Table 232-1 - see NESC for details and exceptions



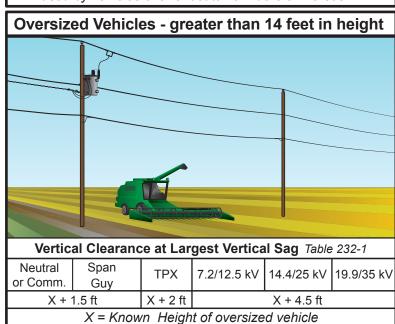








*Not normally used by trucks or riders on horses (very steep hills, swamps, etc.)



Application Guide for 2023 NESC - see NESC for details and exceptions

Clearance Over* or Near Grain Bins Loaded by Portable Auger NESC 234F2 Required NESC Clearance Zone See NESC 234F2 1.0 18.0 15.0 2.5 (B) 30.0' Height above ground Height above ground В per NESC Table 232-1 per NESC Table 232-1 Non-Loading Side Loading Side

B = Vertical height to highest filling or probing port

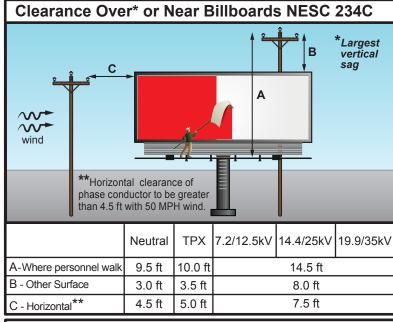
Note: If B > 12 feet, vertical height of conductors is 30 feet at a distance equal to 2.5 times B

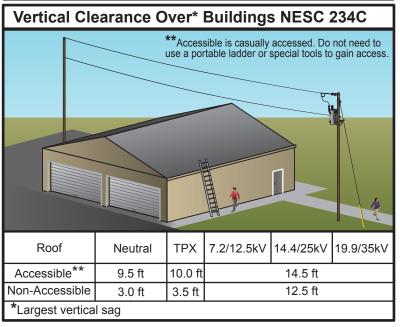
*Largest vertical sag

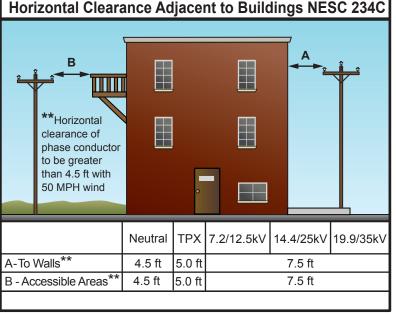
Non-Loading Side is when use of portable auger is limited by:

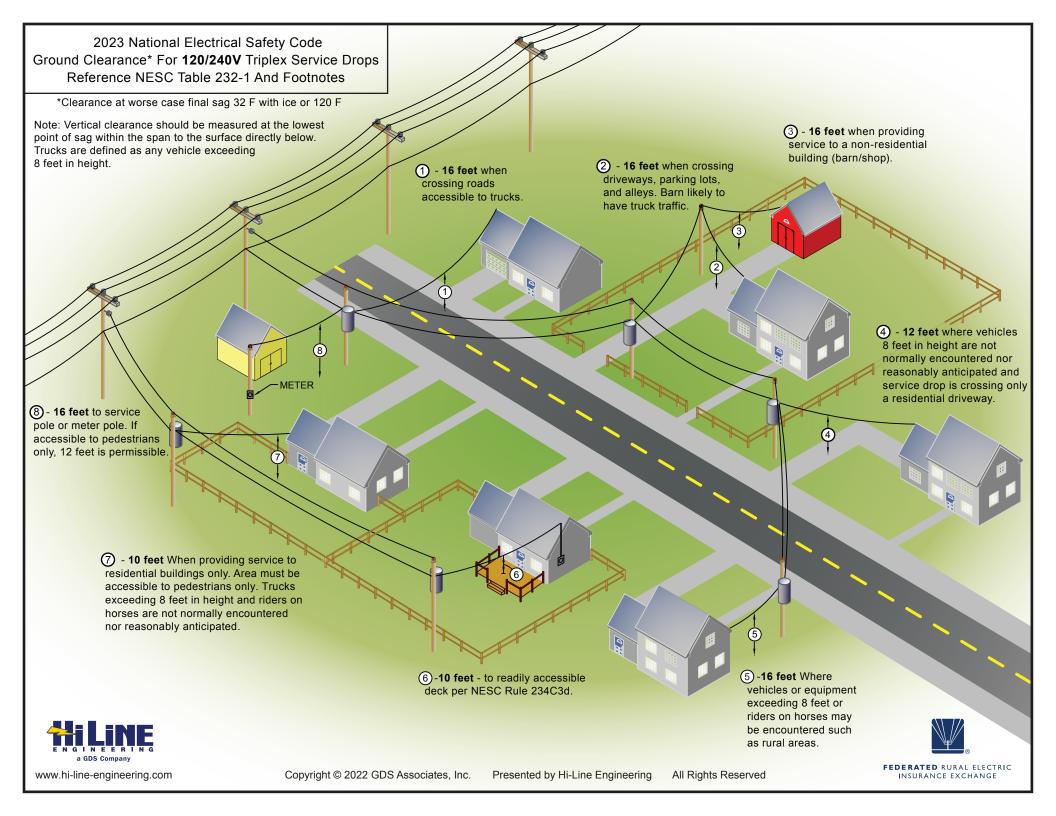
- 1. Permanent building/structure
- 3. Public road or other right of way
- 2. Physical obstruction
- 4. Designation or agreement

Clearance Over* or Near Swimming Pools NESC 234E1 Required NESC Clearance Zone Reference NESC Rule 234E for Diving platforms, water slide, or other pool objects greater than 8 feet in height. Height above Height above ground per ground per NESC Table 232-1 Exception: Vertical clearance does not apply to neutral, comm, grounded guy, or TPX that are 10 feet or more from edge of pool, diving platform, slide, or pool objects. Neutral **TPX** 14.4/25 kV 7.2/12.5 kV 19.9/35 kV 22.0 ft 22.5 ft 25.0 ft *Largest vertical sag Aboveground pool with deck or ladder, clearance is from highest point upon which people can stand.

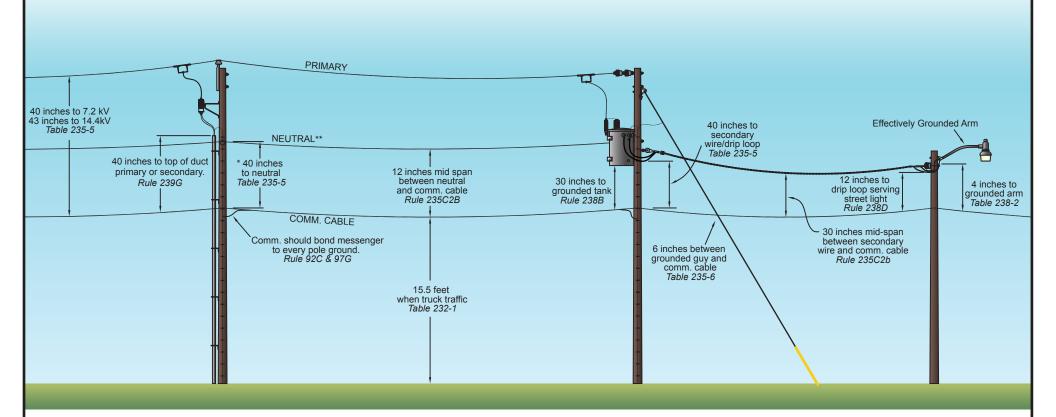








Summary of 2023 NESC Clearances to Communication Cables - see NESC for details and exceptions



- * 30 inches is allowed if the communication messenger is bonded to the neutral throughout the service area. *Table 235-5*
- ** Fiber Optic Cables in the supply space (*Rule 224A*) will have the same required clearance to communication cables in the communication space as a multi-grounded neutral (*Rule 235C*)

A **communication worker safety zone** is vertical space between lines/facilities in the supply space and lines/facilities in the communication space *Rule 235C4 & 238E*



