

Farm Safety Tips

- 1. Keep clear of power lines.**
 - When working beneath powerlines, use wooden or fiberglass ladders instead of metal.
 - Never place a ladder where it can fall into a power line.
 - When carrying ladders, augers or other tools, look up to make sure contact with overhead lines is avoided.
- 2. Never try to move an electric line.**
 - Don't attempt to raise or move power lines. Call your local electric cooperative for assistance.
 - If you see a downed power line, call your local electric cooperative immediately. Don't go near it.
- 3. Check out your equipment.**
 - Keep all electric appliances a safe distance away from water.
 - Power tools should be properly grounded.
 - Use only heavy duty extension cords rated specifically for outdoor use.
 - Outdoor electric outlets should have ground-fault circuit interrupter protection and have weatherproof covers.
- 4. If you are driving a tractor or other vehicle that comes in contact with an electric line...**
 - Try to back away from the line.
 - If you are unable to back away, stay put!
 - Have someone call your local electric cooperative to de-energize the line.
 - If you must leave the tractor, jump clear, putting both feet forward at once and avoid any contact with the ground and the vehicle at the same time.

Our #1 priority is providing you with safe and reliable electric service



Information provided by your local electric cooperative.



Grain Bin Clearance Guidelines

Thinking about building a grain bin?

If you're planning to build or move a grain bin, either on your property or for someone else, you need to be familiar with the law on required distances from overhead electric lines. This law was put into place to provide protection from the hazard of contacting overhead electric lines to anyone working around grain bins with augers, elevators, or other equipment.

Please contact your local electric cooperative. We will work with you in developing a site plan for your project.



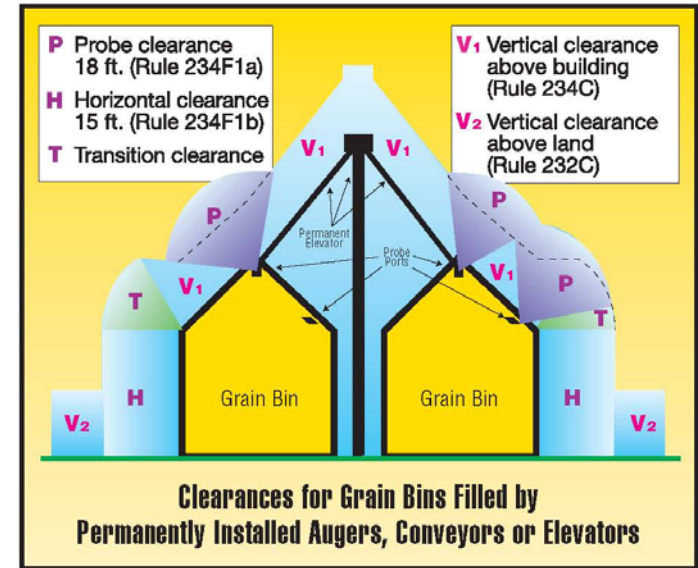
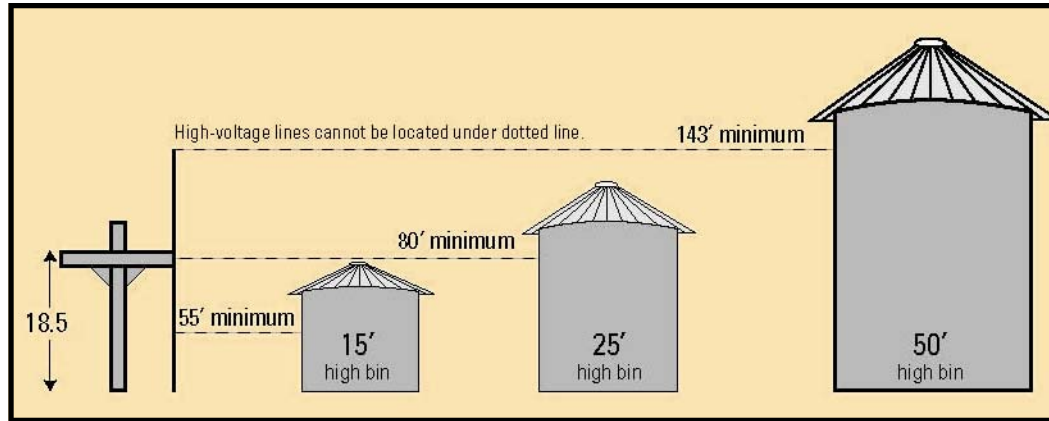


Fig. 234-4(a)
Clearance Envelope for Grain Bins
Filled by Permanently Installed Au-
gers, Conveyors, or Elevators

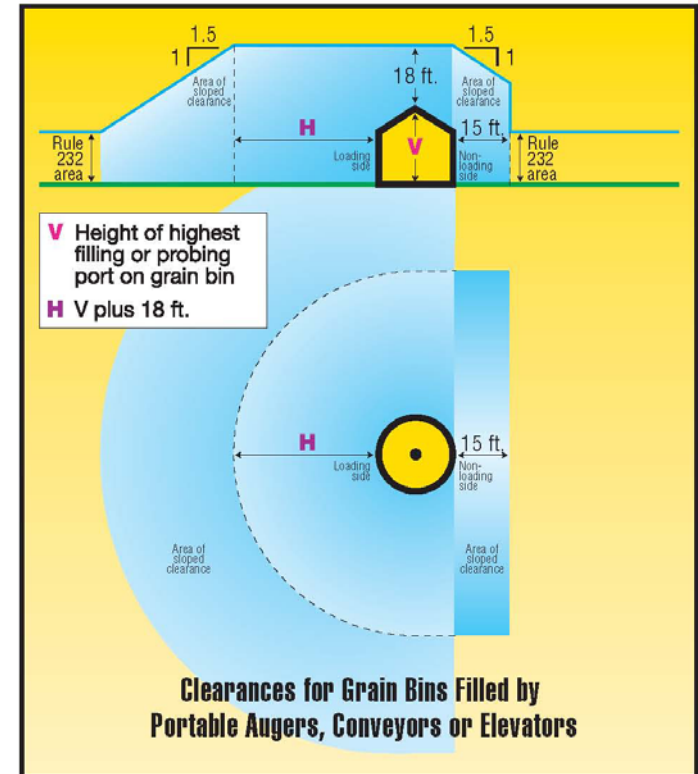
- P = probe clearance 5.5m (18 ft.)
- H = horizontal clearance 4.6m (15 ft.)
- T = transition clearance
- V_1 = vertical clearance above a building required by Rule 234C (Table 234-1)
- V_2 = vertical clearance
- P = probe clearance 5.5m (18 ft.)
- H = horizontal clearance 4.6m (15 ft.)
- T = transition clearance
- V_1 = vertical clearance above a building required by Rule 234C (Table 234-1)
- V_2 = vertical clearance above land required by Rule 232C (Table 232-1 or 232-2)

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Source: National Electrical Safety Code, C2-2007, page 120

Height of grain storage structure	D=Minimum distance from line* to bin wall
15 ft.	55 ft.
20 ft.	68 ft.
25 ft.	80 ft.
30 ft.	93 ft.
35 ft.	104 ft.
40 ft.	118 ft.
50 ft.	143 ft.
60 ft.	168 ft.
70 ft.	193 ft.
80 ft.	218 ft.

*Based on a typical power line having a vertical clearance of 18.5 feet above the ground and a supply line phase to ground voltage of more than 750V to 230V, National Electrical Safety Code Rule 222.



Clearances for Grain Bins Filled by
Portable Augers, Conveyors or Elevators