

Guidelines for Grain Bin Safety

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

At work or at play, stay safe outdoors when electricity is around. Here are some tips:

1. Keep clear of power lines.
 - When working beneath power lines, 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 utility for assistance.
 - If you see a downed power line, call the utility immediately. Don't go near it.
3. Check out your equipment.
 - Keep all electrical 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 electrical 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 utility 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.

Grain Bin Clearance Guidelines

Source: The 2023 Edition National Electrical Safety Code (NESC), and the American National Standards Institute (ANSI C2-2017).

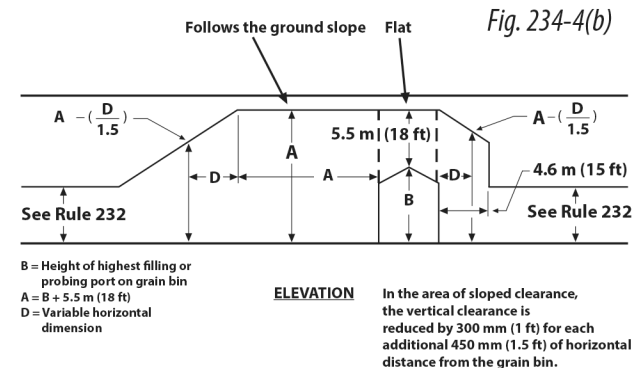
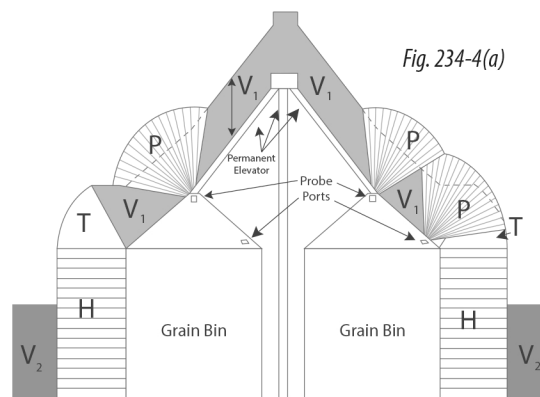
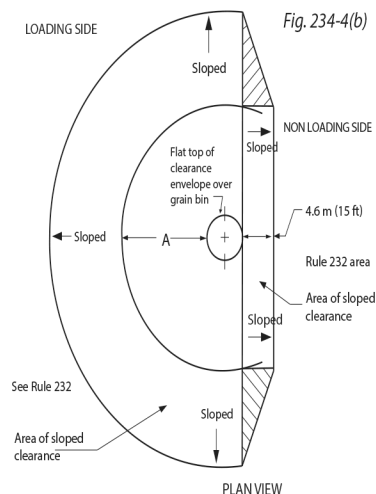


Fig. 234-4(a) -- Clearance Envelope for Grain Bins Filled by Permanently Installed Augers, Conveyors, or Elevators

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 above land required by Rule 232B (Table 232-1 or 232-2)

Figs. 234-4(b) Clearance Envelope for Grain Bins Filled by Portable Augers, Conveyors, or Elevators