

Tentative Interim Amendment 2007-1
to the
National Electrical Safety Code
ANSI C2-2007

5 February 2007

In accordance with Section 13 of its Procedures, the National Electrical Safety Code Committee has issued the following Tentative Interim Amendment (TIA) to ANSI C2, National Electrical Safety Code, 2007 Edition. The TIA was issued by the Secretariat on 5 February 2007, as a result of a proposal submitted by a member of the NESC Main Committee.

A Tentative Interim Amendment is tentative because it has not been processed through the entire standards-making procedure. It is interim because it is effective only between editions of the code. A TIA automatically becomes a Proposal of the proponent for the next edition of the code; as such, it is then subject to all the procedures of the standards-making process.

Rule 110A2: Delete the last part of the first sentence and replace with the new underlined material. Delete EXCEPTION 1 and replace with item a), item b), new material, and accompanying NOTE. Change the original EXCEPTION 2 to EXCEPTION.

2. Safety Clearance Zone

Fences or walls, when installed as barriers for unauthorized personnel, shall be located such that exposed live parts are outside the safety clearance zone as illustrated in Figure 110-1 and shown in Table 110-1 depending on the type of barrier, as follows:

~~EXCEPTION 1: Where a fence, partition, or wall with no openings through which sticks or other objects can be inserted is utilized, live parts complying with the requirements of this code may be installed within the safety clearance zone if they are below the horizontal line projected from the top of the fence or wall.~~

- a. A metal chain link fence or equivalent barrier, as illustrated in Figure 110-1, shall have an R-value equal to or greater than that specified in Table 110-1.
- b. Where an impenetrable barrier is used, such as a fence, partition, or wall with no openings through which sticks or other objects can be inserted, the sum of the values of R1 and H (barrier height) as illustrated in Figure 110-2 shall be equal to or greater than the sum of Dimension (R) as specified in Table 110-1 plus 1.5 m (5.0 ft). The lower 0.6m (2 ft) of any section utilizing an impenetrable barrier, may be constructed of metal chain link fence fabric.

NOTE: An impenetrable barrier does not have to cover the entire wall or fence, only those portions that would not be in compliance with the dimensions of Figure 110-1 and Table 110-1.

All exposed live parts installed shall meet the requirements of Rule 124 and Rule 125.

EXCEPTION 2: The safety clearance zone requirement is not applicable to internal fences within an electric supply station perimeter.

Rule 110: Add Figure 110-2, Safety Clearance to Electric Supply Station Impenetrable Fence, after Figure 110-1.

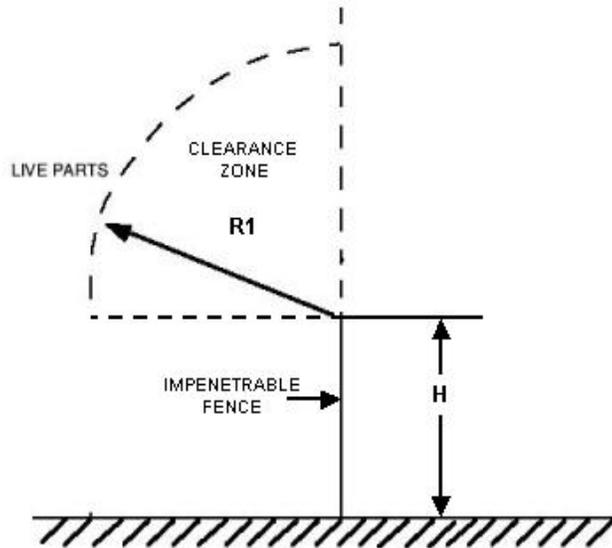


Fig. 110-2
 $H + R1 \geq R + 1.5M (5.0 FT)$
Safety Clearance to Electric Supply Station Impenetrable Fence