

491—11.10(99F) Slot machine hardware and software requirements.**11.10(1) Hardware specifications.**

a. Electrical and mechanical parts and design principles shall not subject a player to physical hazards.

b. A surge protector must be installed on the line that feeds power to a slot machine. The battery backup, or an equivalent, for the electronic meters must be capable of maintaining accuracy of all information required for 180 days after power is discontinued from a slot machine. The backup shall be kept within the locked logic board compartment.

c. An on/off switch that controls the electrical current used in the operation of a slot machine and any associated equipment must be located in an accessible place within the interior of the slot machine.

d. The operation of each slot machine must not be adversely affected by static discharge or other electromagnetic interference.

e. A minimum of one electronic coin acceptor must be installed in each slot machine with the exception of coinless or coin-free games. Coinless or coin-free games are defined as slot machines that do not have a hopper mechanism and do not utilize coin in the operation of the game. Approval letters and test reports of electronic coin acceptors from other state or federal jurisdictions may be submitted. However, all coin acceptors are subject to approval by the administrator.

f. The internal space of a slot machine shall not be readily accessible when the front door is both closed and locked.

g. Logic boards and software EPROMs must be in a locked compartment within the slot machine.

h. The drop container must be in a locked compartment within or attached to the slot machine.

i. No hardware switches may be installed that alter the pay tables or payout percentages in the operation of a slot machine. Hardware switches may be installed to control graphic routines, speed of play, and sound.

j. An unremovable identification plate must appear on the exterior of the slot machine that contains the following information:

- (1) Manufacturer.
- (2) Serial number.
- (3) Model number.

k. The rules of play for each slot machine must be displayed on the face or screen. Rules may be rejected if they are incomplete, confusing, or misleading. Each slot machine must also display the credits wagered and the credits awarded for the occurrence of each possible winning combination based on the number of credits wagered. All information required by this subrule shall be kept under glass or another transparent surface and at no time may stickers or other removable items be placed on the slot machine face that make the required information unreadable.

l. Equipment must be installed that enables the machine to communicate with a central computer system accessible to commission representatives using a communications protocol provided to each licensed manufacturer by the commission for the information and control programs approved by the administrator.

11.10(2) Software requirements—random number generator. Each slot machine must have a random number generator to determine the results of the game symbol selections or production of game outcomes. The selection shall:

- a. Be statistically independent.
- b. Conform to the desired random distribution.
- c. Pass various recognized statistical tests.
- d. Be unpredictable.
- e. Have a testing confidence level of 95 percent.

11.10(3) Continuation of game after malfunction is cleared. Each slot machine must be capable of continuing the current game with all current game features after a malfunction is cleared. This rule does not apply if a slot machine is rendered totally inoperable; however, the current wager and all credits appearing on the screen prior to the malfunction must be returned to the player.

11.10(4) Software requirements—play transaction records. Each slot machine must maintain electronic accounting meters at all times, regardless of whether the slot machine is being supplied with power. Each meter must be capable of maintaining totals no fewer than six digits in length for the information required in “a” to “d” below. The electronic meters must record the following:

- a. Total number of coins inserted.
- b. Total number of coins paid out.
- c. Total number of coins dropped to drop container.
- d. Total number of credits wagered.
- e. Total number of credits won.
- f. Total number of credits paid out.
- g. Number of times the logic area was accessed.
- h. Number of times the cash door of the device was accessed.
- i. Number of coins or credits wagered in the current game.
- j. Total credits for games won but not collected, commonly referred to as the credit meter.

The meters required in “a,” “b,” and “c” above shall be placed in a position so that the number thereon can be read without opening the slot machine.

No slot machine may have a mechanism that will cause the electronic accounting meters to automatically clear due to an error. Clearing of the electronic accounting meters may be completed only after notification is filed with a commission representative. All meter readings must be recorded both before and after the electronic accounting meter is cleared.

11.10(5) Software requirements—error conditions—automatic clearing. Slot machines must be capable of detecting and displaying the following conditions, which must be automatically cleared by the slot machine upon initiation of a new play sequence at the start of the second game.

- a. Power reset.
- b. Door open.