

## § 547.6

print or accept vouchers, then any standards that govern vouchers do not apply.

(c) *Fairness.* No Class II gaming system shall cheat or mislead users. All prizes advertised shall be available to win. No progressive prize shall have a probability of winning less than 1 in 100,000,000. No other prize shall have a probability of winning less than 1 in 50,000,000.

(d) *Approved equipment and software only.* All gaming equipment and software used with Class II gaming systems shall be identical in all respects to a prototype reviewed and tested by a testing laboratory and approved for use by the tribal gaming regulatory authority pursuant to § 547.4(a) through (c). Unapproved software shall not be loaded onto or stored on any program storage medium used in a Class II gaming system, except as provided in § 547.4(d).

(e) *Proper functioning.* All gaming equipment and software used with Class II gaming systems shall perform according to the manufacturer's design and operating specifications.

(f) *No Limitation of Technology.* This part should not be interpreted to limit the use of technology or to preclude the use of technology not specifically referenced.

(g) *Severability.* If any provision of this part is declared invalid by a court of competent jurisdiction, such decision shall not affect the remainder of this part.

## § 547.6 What are the minimum technical standards for enrolling and enabling Class II gaming system components?

(a) *General requirements.* Class II gaming systems shall provide a method to:

(1) Enroll and unenroll system components;

(2) Enable and disable specific system components.

(b) *Specific requirements.* Class II gaming systems shall:

(1) Ensure that only enrolled and enabled system components participate in gaming; and

(2) Ensure that the default condition for components shall be unenrolled and disabled.

## 25 CFR Ch. III (4-1-10 Edition)

### § 547.7 What are the minimum technical hardware standards applicable to Class II gaming systems?

(a) *General requirements.* (1) The Class II gaming system shall operate in compliance with applicable regulations of the Federal Communications Commission.

(2) Prior to approval by the tribal gaming regulatory authority pursuant to § 547.4(c), the Class II gaming system shall have obtained from Underwriters' Laboratories, or its equivalent, relevant certification(s) required for equipment of its type, including but not limited to certifications for liquid spills, electromagnetic interference, etc.

(b) *Printed circuit boards.* (1) Printed circuit boards that have the potential to affect the outcome or integrity of the game, and are specially manufactured or proprietary and not off-the-shelf, shall display a unique identifier such as a part number and/or revision number, which shall be updated to reflect new revisions or modifications of the board.

(2) Switches or jumpers on all circuit boards that have the potential to affect the outcome or integrity of any game, progressive award, financial instrument, cashless transaction, voucher transaction, or accounting records shall be capable of being sealed.

(c) *Electrostatic discharge.* Class II gaming system components accessible to the public shall be constructed so that they exhibit immunity to human body electrostatic discharges on areas exposed to contact. Static discharges of  $\pm 15$  kV for air discharges and  $\pm 7.5$  kV for contact discharges may not cause damage, or inhibit operation or integrity of the Class II gaming system.

(d) *Physical enclosures.* Physical enclosures shall be of a robust construction designed to resist determined illegal entry. All protuberances and attachments such as buttons, identification plates, and labels shall be sufficiently robust to avoid unauthorized removal.

(e) *Player interface.* The player interface shall include a method or means to:

(1) Display information to a player; and

(2) Allow the player to interact with the Class II gaming system.

(f) *Account access components.* A Class II gaming system component that reads account access media shall be located within a secure, locked or tamper-evident area or in a cabinet or housing that is of a robust construction designed to resist determined illegal entry and to protect internal components. In addition, the account access component:

(1) Shall be constructed so that physical tampering leaves evidence of such tampering; and

(2) Shall provide a method to enable the Class II gaming system to interpret and act upon valid or invalid input or error condition.

(g) *Financial instrument storage components.* Any Class II gaming system components that store financial instruments and that are not operated under the direct control of a gaming operation employee or agent shall be located within a secure and locked area or in a locked cabinet or housing that is of a robust construction designed to resist determined illegal entry and to protect internal components.

(h) *Financial instrument acceptors.* (1) Any Class II gaming system components that handle financial instruments and that are not operated under the direct control of an agent shall:

(i) Be located within a secure, locked and tamper-evident area or in a locked cabinet or housing that is of a robust construction designed to resist determined illegal entry and to protect internal components;

(ii) Be able to detect the entry of valid or invalid financial instruments and to provide a method to enable the Class II gaming system to interpret and act upon valid or invalid input or error condition; and

(iii) Be constructed to permit communication with the Class II gaming system of the accounting information required by § 547.9(a) and by applicable provisions of any Commission and tribal gaming regulatory regulations governing minimum internal control standards.

(2) Prior to completion of a valid financial instrument transaction by the Class II gaming system, no monetary amount related to that instrument

shall be available for play. For example, credits shall not be available for play until currency or coupon inserted into an acceptor is secured in the storage component.

(3) The monetary amount related to all valid financial instrument transactions by the Class II gaming system shall be recorded as required by § 547.9(a) and the applicable provisions of any Commission and tribal gaming regulatory authority regulations governing minimum internal control standards.

(i) *Financial instrument dispensers.* (1) Any Class II gaming system components that dispense financial instruments and that are not operated under the direct control of a gaming operation employee or agent shall:

(i) Be located within a secure, locked and tamper-evident area or in a locked cabinet or housing that is of a robust construction designed to resist determined illegal entry and to protect internal components;

(ii) Provide a method to enable the Class II gaming system to interpret and act upon valid or invalid input or error condition; and

(iii) Be constructed to permit communication with the Class II gaming system of the accounting information required by § 547.9(a) and by applicable provisions of any Commission and tribal gaming regulatory regulations governing minimum internal control standards.

(2) The monetary amount related to all valid financial instrument transactions by the Class II gaming system shall be recorded as required by § 547.9(a), the applicable provisions of parts 542 and 543 of this chapter, and any tribal gaming regulatory authority regulations governing minimum internal control standards.

(j) *Game Outcome Determination Components.* Any Class II gaming system logic components that affect the game outcome and that are not operated under the direct control of a gaming operation employee or agent shall be located within a secure, locked and tamper-evident area or in a locked cabinet or housing that is of a robust construction designed to resist determined illegal entry and to protect internal components. DIP switches or jumpers

that can affect the integrity of the Class II gaming system must be capable of being sealed by the tribal gaming regulatory authority.

(k) *Door access detection.* All components of the Class II gaming system that are locked in order to meet the requirements of this part shall include a sensor or other methods to monitor an open door. A door open sensor, and its components or cables, shall be secure against attempts to disable them or interfere with their normal mode of operation;

(l) *Separation of functions/no limitations on technology.* Nothing herein shall prohibit the account access component, financial instrument storage component, financial instrument acceptor, and financial instrument dispenser from being included within the same component, or separated into individual components.

**§ 547.8 What are the minimum technical software standards applicable to Class II gaming systems?**

This section provides general software standards for Class II gaming systems for the play of Class II games.

(a) *Player interface displays.* (1) If not otherwise provided to the player, the player interface shall display the following:

- (i) The purchase or wager amount;
- (ii) Game results; and
- (iii) Any player credit balance.

(2) Between plays of any game and until the start of the next play, or until the player selects a new game option such as purchase or wager amount or card selection, whichever is earlier, if not otherwise provided to the player, the player interface shall display:

- (i) The total purchase or wager amount and all prizes and total credits won for the last game played;
- (ii) The final results for the last game played, including entertaining displays of results, if any; and
- (iii) Any default purchase or wager amount for the next play.

(b) *Game initiation and play.* (1) Each game played on the Class II gaming system shall follow and not deviate from a constant set of rules for each game provided to players pursuant to § 547.16. Any change in rules constitutes a different game. There shall be no

automatic or undisclosed changes of rules.

(2) For bingo games and games similar to bingo, the Class II gaming system shall not alter or allow to be altered the card permutations or game rules used for play of a Class II game unless specifically chosen by the player prior to commitment to participate in the game. No duplicate cards shall be sold for any common draw.

(3) No game play shall commence and, no financial instrument or credit shall be accepted on the affected player interface, in the presence of any fault condition that affects the outcome of the game, open door, or while in test, audit, or lock-up mode.

(4) The player must choose to participate in the play of a game.

(c) *Audit Mode.* (1) If an audit mode is provided, the Class II gaming system shall provide, for those components actively involved in the audit:

(i) All accounting functions required by § 547.9, by applicable provisions of any Commission regulations governing minimum internal control standards, and by any internal controls adopted by the tribe or tribal gaming regulatory authority;

(ii) Display player interface identification; and

(iii) Display software version or game identification;

(2) Audit mode shall be accessible by a secure method such as an employee PIN and key or other auditable access control.

(3) Accounting function data shall be accessible by an authorized person at any time, except during a payout, during a handpay, or during play.

(4) The Class II gaming system shall disable financial instrument acceptance on the affected player interface while in audit mode, except during financial instrument acceptance testing.

(d) *Last game recall.* The last game recall function shall:

(1) Be retrievable at all times, other than when the recall component is involved in the play of a game, upon the operation of an external key-switch, entry of an audit card, or a similar method;

(2) Display the results of recalled games as originally displayed or in text representation, including entertaining