

SUBCHAPTER 1. GENERAL PROVISIONS

Sections 1.20 through 1.29

19:46-1.20	Inspection and approval of gaming and simulcast wagering equipment and related devices and software; retention by Commission or Division; evidence of tampering
19:46-1.21	Expiration of slot machine main program approvals issued pursuant to N.J.A.C. 19:46-1.20; resubmission
19:46-1.22	Possession of slot machines
19:46-1.23	Transportation of slot machines into, within and out-of-State
19:46-1.24	Slot machine seals
19:46-1.25	(Reserved)
19:46-1.26	Slot machines and bill changers; identification; signs; meters; other devices
19:46-1.26A	Bill changers with electrically erasable/programmable storage media
19:46-1.26B	Gaming equipment and related devices utilizing alterable storage media
19:46-1.27	Slot machine areas; density; arrangement; floor plans
19:46-1.28	Testing of designated gaming or simulcast wagering equipment or related devices or software by the Division
19:46-1.28A	Standards for the approval of a slot machine game
19:46-1.28B	Gaming voucher redemption machines; requirements
19:46-1.28C	Standards for the approval of an automated jackpot payout machine
19:46-1.29	Operation of gaming and simulcast wagering equipment and related devices and software in conformance with Commission approval

19:46-1.20 Inspection and approval of gaming and simulcast wagering equipment and related devices and software; retention by Commission or Division; evidence of tampering

(a) No piece of gaming or simulcast wagering equipment or any related device or software shall be used in a casino, casino simulcasting facility or hub facility unless:

1. It is identical in all mechanical, electrical, electronic or other aspects to a prototype thereof that has been reviewed and approved for use by the Commission or, in accordance with N.J.A.C. 19:46-1.28, tested by the Division and approved for use by the Commission;

2. It has been inspected by the Commission or the Division, as otherwise required, prior to its initial use or prior to its reuse following any adjustment thereto or movement thereof in a casino, casino simulcasting facility or hub facility; and

3. All necessary casino service industry (CSI) licenses, CSI license applications, or vendor registrations, as required, have been obtained or filed and all necessary transactional waivers have been issued in accordance with the requirements of N.J.S.A. 5:12-92, N.J.A.C. 19:51 and N.J.A.C. 19:43-10.

(b) No piece of equipment or related device or software shall be reviewed, tested or approved pursuant to this section or N.J.A.C. 19:46-1.28 unless each person required by the Commission to be licensed as a casino service industry (CSI) pursuant to N.J.S.A. 5:12-92 and N.J.A.C. 19:51 in connection with the equipment, device or software has filed a completed application for the appropriate type of CSI license together with the applicable non-refundable license application fee.

(c) Except as otherwise provided in N.J.A.C. 19:46-1.28, the Commission shall review each prototype piece of gaming or simulcast wagering equipment or any related device or software to determine whether it is suitable for use in a casino, casino simulcasting facility or hub facility. In making this determination, the Commission shall take into consideration the quality, design, integrity, fairness and reliability of the prototype. The manufacturer or distributor of a prototype submitted for approval shall supply any information or documentation related to the prototype that is requested by the Commission.

(d) Gaming and simulcast wagering equipment and related devices and software subject to the provisions of this section shall include, without limitation, gaming tables, layouts, roulette wheels, pokette wheels, roulette balls, drop boxes, big six wheels, sic bo shakers, sic bo electrical devices, pai gow shakers, chip holders, racks and containers, scales, count room equipment and counting devices, trolleys, slip dispensers, dealing shoes, dice, cards, pai gow tiles, locking devices, card reader devices, all equipment

required for a table game progressive wager, slot tokens, prize tokens, data processing equipment, slot machines and slot bases, automated jackpot payout machines, gaming voucher redemption machines, pari-mutuel machines, self-service pari-mutuel machines, credit voucher machines, totalisators and all equipment utilized in the operation of keno.

(e) The Commission or the Division may require a prototype of any gaming or simulcast wagering equipment or related device or software approved for use in a casino, casino simulcasting facility or hub facility to be placed in its custody and retained by it or the Division as a control for comparison purposes.

(f) Any evidence that an item of gaming or simulcast wagering equipment or a related device or software used in a casino, casino simulcasting facility or hub facility has been tampered with or altered in any way which would affect the integrity, fairness, reliability or suitability of the item for use in a casino, casino simulcasting facility or hub facility shall be immediately reported to an agent of the Commission and the Division. A member of the casino licensee's casino security department shall be required to insure that the item and any evidence required to be reported pursuant to this subsection is maintained in a secure manner until the arrival of an agent of the Division. Notwithstanding the foregoing, rules concerning evidence of tampering with dice, cards and pai gow tiles may be found at N.J.A.C. 19:46-1.16, 19:46-1.18 and 19:46-1.19B, respectively.

(g) Each casino licensee that has confiscated any gaming or simulcast wagering equipment or any related device or software on the reasonable suspicion that such item has been altered or tampered with, or that has confiscated any item enumerated in N.J.A.C. 19:47-8.1 or in Article 9 of the Act on the reasonable suspicion that such item was present in the casino or casino simulcasting facility in violation of the Act or the rules of the Commission, shall preserve such item in the state it was in when so confiscated and shall deliver such item to the Division as soon as possible. A casino licensee's right, if any, to confiscate such items shall exist, if at all, independently of this subsection

based on statute, regulation or common law as may elsewhere be provided, and no separate right to confiscate is created hereby. Notwithstanding the foregoing, each casino licensee that has confiscated any such item, whether by such right or under color thereof, nevertheless has a duty to preserve and deliver such item in accordance with this subsection.

As amended, effective: 08/17/87
As amended, effective: 12/16/91
As amended, effective: 03/02/92
As amended, effective: 10/19/92
As amended, effective: 11/16/92
As amended, effective: 01/19/93
As amended, effective: 01/18/94; Operative: 02/22/94
As amended, effective: 06/06/94
As amended, effective: 10/03/94
As amended, effective: 06/05/95
As amended, effective: 03/04/96
As amended, effective: 07/15/96
As amended, effective: 06/07/99
As amended, effective: 04/16/07

19:46-1.21 Expiration of slot machine main program approvals issued pursuant to N.J.A.C. 19:46-1.20; resubmission

(a) The approval of any slot machine main program issued by the Commission pursuant to N.J.A.C. 19:46-1.20 shall expire, unless earlier revoked by the Commission, on the second day of January in the year following the 12th anniversary of its latest approval. For the purposes of this section, any modification to a slot machine main program approved by the Commission pursuant to N.J.A.C. 19:46-1.29(c) shall not affect the expiration date of the latest approval unless the Commission specifically finds that the modifications were so substantial as to constitute the approval of a new slot machine main program pursuant to N.J.A.C. 19:46-1.20.

(b) A casino licensee shall deactivate any slot machine main program in its casino upon expiration of its latest approval unless and until the slot machine main program has been resubmitted, tested and approved in

accordance with the provisions of this section and N.J.A.C. 19:46-1.20 and 1.28.

(c) An approved slot machine main program may be resubmitted for testing and approval pursuant to N.J.A.C. 19:46-1.20 and 1.28 at any time following the 11th anniversary of its latest approval. A previously approved slot machine main program shall be subject to all relevant requirements in effect as of the date of resubmission.

(d) Each casino licensee shall develop and submit internal controls to ensure that no slot machine main program shall remain in use in its casino if the latest approval of that slot machine main program has expired pursuant to (a) above.

Effective: 08/21/00

As amended, effective: 05/03/04

19:46-1.22 Possession of slot machines

(a) Except as otherwise provided in this section and N.J.S.A. 2C:37-7, no person shall possess within this State any slot machine or similar device which may be used for gambling activity.

(b) The following persons and any employee or agent acting on their behalf may, subject to any terms and conditions imposed by the Commission, possess slot machines in this State for the purposes provided herein provided that the machines are kept only in such locations as may be specifically approved in writing by the Commission and that any machines located outside of a licensed casino room not be used for gambling activity

1. An applicant for or holder of:
 - i. A casino license, for the purpose of maintaining for use or actually using such machines in the operation of a licensed casino;
 - ii. A gaming school license, for the purpose of teaching slot machine design, operation, repair or servicing; or
 - iii. A gaming related casino service industry license, for the

purpose of manufacturing, distributing, repairing or servicing slot machines;

2. An out-of-State manufacturer or distributor of slot machines for the purpose of exhibition or demonstration;

3. A common carrier, for the purpose of transporting such slot machines in accordance with N.J.A.C. 19:46-1.23;

4. An employee or agent of the Commission or Division, for the purpose of fulfilling official duties or responsibilities; or

5. Any other person the Commission may approve after finding that possession of slot machines by such person in this State is necessary and appropriate to fulfill the goals and objectives of the Act.

(c) Each applicant for or holder of a gaming related casino service industry license that possesses slot machines in New Jersey shall maintain and file with the Division and the Commission on a monthly basis a comprehensive list of slot machines in its possession in this State. Such list shall contain all information, as applicable, required pursuant to N.J.A.C. 19:43-7.4(b).

Effective: 05/17/78

As amended, effective: 03/16/92

As amended, effective: 05/06/02

19:46-1.23 Transportation of slot machines into, within and out-of-State

(a) Prior to the transport or movement of any slot machine into, from one authorized location to another authorized location within, or out of, this State, the manufacturer, distributor, seller, or other person causing such slot machine to be transported or moved shall first notify the Commission and Division in writing giving the following information:

1. The full name and address of the person shipping or moving said machine;

2. The full name and address of the person who owns the machine, including the name of any new owner in the event ownership is being

changed in conjunction with the shipment or movement;

3. The method of shipment or movement and the name of the carrier or carriers;

4. The full name and address of the person to whom the machine is being sent and the destination of said machine if different from such address;

5. The quantity of machines being shipped or moved and the manufacturer's serial number of each machine;

6. The expected date and time of delivery to or removal from any authorized location in this State;

7. The port of entry, or exit, if any, of the machine if the origin or destination of the machine is outside the continental United States; and

8. The reason for transporting the machine.

(b) Each casino licensee shall obtain approval for and provide notice of the movement of any slot machine into or out of its casino room only to the extent required by N.J.A.C. 19:45-1.38(b). A record of the move shall be maintained in accordance with N.J.A.C. 19:45-1.38(c).

(c) The person shipping or moving any slot machine shall provide to the common carrier, or to the operator of the transporting conveyance in the event the mode of transport is not a common carrier, an invoice, at least one copy of which shall be kept with the slot machine at all times during the shipping process, containing the following information:

1. The manufacturer's serial number of the slot machine being transported;

2. The full name and address of the person from whom the machine was obtained;

3. The full name and address of the person to whom the machine is being sent; and

4. The dates of shipment.

Effective: 05/17/78

Repealed, effective: 03/16/92

New rule, effective: 03/16/92
As amended, effective: 03/04/96
As amended, effective: 08/05/96

19:46-1.24 Slot machine seals

(a) Each slot machine shall have a seal affixed to it by the Commission when the slot machine is placed on the casino floor. The seal shall be located on either side of the slot machine cabinet, provided, however, that if both sides of the cabinet are not visible when the machine is installed on the casino floor, the seal shall be placed on the front of the cabinet.

(b) A slot machine being temporarily removed from the casino floor shall have an additional seal affixed to it by the Commission in such a manner so as to enable the Commission to determine if the main door of the slot machine was opened while the slot machine was off the casino floor. If, when the slot machine is returned to the casino floor, the additional seal:

1. Is intact, the Commission shall remove the additional seal;
2. Has been broken, the slot machine shall be reinspected prior to its use for gaming.

(c) A slot machine being transported out of New Jersey or being converted to any other lawful non-gaming use shall have all seals removed from it by the Commission prior to such transportation or conversion.

As amended, effective: 04/02/90
As amended, effective: 11/18/96

19:46-1.25 (Reserved)

Repealed, effective: 07/06/93; Operative date: 10/15/93

19:46-1.26 Slot machines and bill changers; identification; signs; meters; other devices

(a) Unless otherwise authorized by the Commission, each slot machine in a casino shall have the following identifying features:

1. A logic board serial number permanently imprinted, impressed, affixed or engraved on each logic board installed in the slot machine;
2. An asset number that is permanently imprinted, impressed, engraved or affixed on the outside cabinet of the machine by the casino licensee. The asset number must be conspicuous and clearly visible to persons involved in removing or replacing the slot drop bucket or slot drop box in the slot machine and through the casino licensee's closed circuit camera coverage system. The size and location of the asset number are subject to prior approval by the Commission;
3. A sign conspicuously located on the front of the machine that automatically illuminates and a bell that automatically rings when a player has won a jackpot not paid automatically and totally by the machine and which advises the player to see an attendant to receive full payment;
4. A mechanical, electrical or electronic device that automatically precludes a player from operating the slot machine after a jackpot requiring a manual payout has been hit and which requires the machine to be reset by an attendant in such circumstances;
5. A display on the front of the slot machine that includes the information required by N.J.A.C. 19:45-1.37(a)4;
6. A slot machine tower light that complies with the requirements of N.J.A.C. 19:45-1.37B;
7. A location number that is affixed to the outside of the machine. The location number must be conspicuous and clearly visible to persons involved in removing or replacing the slot drop bucket or slot drop box in the slot machine and through the casino licensee's closed circuit camera coverage system. The size and location of the location number are subject to prior approval by the Commission;

8. A manufacturer's serial number affixed to the outside of the slot machine cabinet in a location as approved by the Commission; and

9. A labelling system that enables the Division to determine that the reel mechanisms are installed in the machine in the same manner as when the slot machine was inspected and approved.

(b) Unless otherwise authorized by the Commission, each bill changer shall have the following identifying features:

1. An asset number that is permanently imprinted, affixed or impressed on the outside cabinet of the bill changer or the slot machine to which it is attached. The asset number must be conspicuous and clearly visible to persons involved in removing or replacing the slot cash storage box in the bill changer, clearly visible through the casino licensee's closed circuit camera coverage system and must correspond to the asset number affixed to the slot machine in accordance with (a) above. The size and location of the asset number are subject to prior approval by the Commission;

2. A display on the front of the bill changer that clearly indicates the denomination of the currency or coupon inserted therein;

3. A display on the front of the bill changer that clearly indicates the amount of coins or slot tokens dispensed by the slot machine all-purpose hopper after currency, a gaming voucher or a coupon has been inserted and accepted; and

4. A display on the front of the bill changer that indicates a malfunction or which informs the patron that the bill changer is out of service.

(c) Unless otherwise authorized by the Commission, each slot machine in a casino shall be equipped with the following:

1. A mechanical, electrical or electronic device, to be known as an "in meter," that continuously and automatically counts the number of coins or slot tokens placed by patrons into the machine for the purpose of activating play;

2. A mechanical, electrical or electronic device, to be known as a "drop-meter," that continuously and automatically counts the number of coins

or slot tokens that are dropped into the machine's slot drop bucket or slot drop box;

3. For each hopper in a slot machine, a separate mechanical, electrical or electronic device, to be known as a "jackpot meter," that continuously and automatically counts, for that hopper only, the number of coins, prize tokens or slot tokens that are automatically paid by the machine from the corresponding hopper and that displays the aggregate number so counted; provided, however, that:

i. In lieu of the jackpot meter for a payout-only hopper displaying the number of coins, slot tokens or prize tokens paid out from that hopper, each casino licensee that uses a slot machine which is capable of converting the number of coins, slot tokens or prize tokens paid out from a payout-only hopper into its machine denomination equivalent, may, in accordance with its internal controls approved by the Commission, set the jackpot meter connected to each payout-only hopper in that slot machine to continuously and automatically count and display the aggregate number of coins, slot tokens or prize tokens paid out from that hopper by its machine denomination equivalent (for example, the jackpot meter on a 25¢ slot machine may record the payout of one \$3.00 prize token as the payout of "12" quarters); and

ii. Each slot machine with multiple hoppers may have a single jackpot meter to count and display the aggregate number of coins, slot tokens or prize tokens paid out from that machine's hoppers provided that:

(1) Each hopper is connected to that meter;

(2) The jackpot meter counts and displays, in accordance with (c)3i above, the aggregate number of coins, slot tokens or prize tokens paid out from a payout-only hopper by its machine denomination equivalent; and

(3) Each payout-only hopper has a separate payout-only jackpot meter;

4. A mechanical, electrical or electronic device, to be known as a "manual jackpot meter," that continuously and automatically records the number of coins or slot tokens to be paid manually;

5. A mechanical, electrical or electronic device, to be known as a "win meter," visible from the front of the machine, that, upon a player hitting a jackpot, advises the player of the number of coins, prize tokens or slot tokens for that round that have been paid to the player by the machine from the corresponding hopper; provided, however, that multiple win meters, as provided in (c)5i or ii below after approval of the casino licensee's internal controls therefor, shall be used on each multiple hopper slot machine whenever one or more jackpots that are hit on the same round of play at that machine entitle the winning player to automatically receive coins, slot tokens or prize tokens from both hoppers and each hopper contains a different denomination of coins, slot tokens or prize tokens, as follows:

i. A separate win meter for each hopper that, for the round in which a jackpot is hit, advises the winning player of the actual number of coins, slot tokens or prize tokens won from that hopper only; or

ii. A win meter to which each hopper is connected that advises the winning player of the aggregate number of coins, slot tokens or prize tokens won on that round from both hoppers after first converting the aggregate number of any coins, slot tokens or prize tokens won on that round from a payout-only hopper into its machine denomination equivalent, and a separate payout-only win meter connected to each payout-only hopper (for example, a win meter on a 25¢ slot machine may, pursuant to this paragraph, record the payout, on the same round of play, of one \$3.00 prize token and two quarters as the payout of "14" quarters, provided there is a separate payout-only win meter advising the patron that one prize token was paid out);

6. An on/off switch located in an accessible place in the interior of the slot machine which will control the current utilized in the operation of the slot machine;

7. Unless otherwise authorized by the Commission, each slot machine that can dispense gaming vouchers shall also be equipped with mechanical, electrical or electronic devices as follows:

i. A “numerical voucher out meter” that continuously and automatically counts the number of gaming vouchers dispensed by the machine and that displays the aggregate number so counted; and

ii. A “value voucher out meter” that continuously and automatically counts the value of gaming vouchers dispensed by the machine and that displays the aggregate value so counted; and

8. If a slot machine utilizes slot credits or electronic transfer credits, a mechanical, electrical or electronic device, known as a “credit meter,” visible from the front of the machine, that accumulates and displays to the player the denominational units or monetary value of such credits that are available for wagering.

(d) Unless otherwise authorized by the Commission, each slot machine that has an attached bill changer shall also be equipped with the mechanical, electrical or electronic devices that are required by N.J.A.C. 19:45-1.37(e).

(e) If a casino licensee elects to conduct jackpot payouts that are not totally and automatically paid by the slot machine by registering them on the credit meter of the slot machine in accordance with the procedure set forth in N.J.A.C. 19:45-1.40(s), the slot machine shall contain a device (“jackpot-to-credit-meter switch”) that:

1. When activated by a key, increments the credit meter in the exact amount of the jackpot and does not increment the manual jackpot meter; and

2. Is subject to internal controls, as approved by the Commission, to provide:

i. Advance notice to the Commission and Division whenever a casino licensee intends to take any action that will affect the operation of such a device; and

ii. An audit trail that provides the following information each time an action is taken that affects the operation of such a device:

(1) The name and license number of the employee who performed the action;

(2) The date and time the action was taken;

(3) The asset number of the slot machine on which the device is installed; and

(4) A description of the action that was taken.

(f) In addition to the above requirements, each slot machine in a casino shall have such devices, equipment, features and capabilities as may be required by the Commission for that particular model of slot machine after the prototype model is tested and examined by the Division.

As amended, effective: 11/02/81

As amended, effective: 12/17/84

As amended, effective: 07/20/87

As amended, effective: 05/16/88

As amended, effective: 08/15/88

As amended, effective: 05/06/91

As amended, effective: 02/03/92

As amended, effective: 05/18/92

As amended, effective: 12/07/92

As amended, effective: 07/06/93; Operative date: 10/15/93

As amended, effective: 02/07/94

As amended, effective: 10/03/94

As amended, effective: 08/05/96

As amended, effective: 10/02/00

As amended, effective: 01/06/03

As amended, effective: 01/03/05

As amended, effective: 08/15/05

As amended, effective: 07/16/07

19:46-1.26A Bill changers with electrically erasable/programmable storage media

(a) All program code for bill changers with electrically erasable/programmable storage media shall:

1. Be capable of detecting 99.99 percent of all possible failures or

changes in the bill changer program;

2. Utilize a Cyclic Redundancy Check, or other method reviewed by the Division and approved by the Commission, which:

i. Yields, at a minimum, an eight digit hex number; and
ii. Is displayed by the slot machine upon demand by calculating independently the Cyclic Redundancy Check code using a random seed input entered manually at the slot machine;

3. Be stored in an electrically erasable programmable read-only memory (“EEPROM”) that is soldered onto the mother board or attached in some other manner deemed acceptable by the Division;

4. Provide verification from the slot machine that the bill changer code has not been altered, which verification shall occur, at a minimum, whenever power is restored to the slot machine, during all door closures and at other times related to the operation of the game; and

5. Be capable of detecting a change in the bill changer code, and in such event shall:

i. Cause the slot machine to enter a tilt mode which requires a manual act to clear; and

ii. Send a specific signal to the casino licensee’s slot monitoring system to indicate such change.

Adopted, effective: 07/19/99; Operative: 01/15/00

19:46-1.26B Gaming equipment and related devices utilizing alterable storage media

(a) “Alterable storage media” shall mean a memory chip or other storage medium, such as an E-EPROM, FLASH chip, CD-ROM or hard disk, which is contained in a slot machine, bill changer or other gaming equipment or related device subject to approval pursuant to N.J.A.C. 19:46-1.20, but does not include a printer, display or other peripheral device that does not affect the

integrity or outcome of the game. Alterable storage media may include media that are:

1. Erasable or reprogrammable without being removed from the gaming equipment or related device, such as an EPROM or hard disk; or

2. Removable and replaceable, such as a CD-ROM or a diskette.

(b) Each manufacturer of gaming equipment and related devices pursuant to (a) above that utilizes alterable storage media shall, in accordance with the requirements of N.J.A.C. 19:46-1.20(c) or 1.28(c), identify any data, files, and programs that may be written to alterable storage media and specify, at a minimum, the data type such as game state and meter information, the location to which the data shall be written, and the need for the written data.

(c) Except as otherwise permitted in (i) below, alterable storage media shall comply with the requirements of (d) through (h) below.

(d) Gaming equipment and related devices pursuant to (a) above that utilize alterable storage media shall only write to alterable storage media containing data, files, and programs that are not critical to the basic operation of a game, such as marketing information. Notwithstanding the foregoing, gaming equipment and related devices may write to alterable storage media containing critical data, files, and programs provided that the gaming equipment or device:

1. Maintains a record, known as an authorization list or digital signature, of all information that is added, deleted, and modified on the media, which satisfies the requirements of (e) below; and

2. Verifies the validity of all data, files, and programs which reside on the media against the authorization list or digital signature by means of an algorithm or other method which satisfies the requirements of (f) below, is approved by the Commission and, if subject to the provisions of N.J.A.C. 19:46-1.28, is recommended by the Division for such approval.

(e) The authorization list or digital signature maintained pursuant to (d)1 above shall be encrypted using a cryptographic system approved by the Commission and, if subject to the provisions of N.J.A.C. 19:46-1.28, is

recommended by the Division for such approval. Notwithstanding the foregoing, an authorization list or digital signature that resides on read-only storage media which the Commission requires to be inspected and physically sealed or otherwise secured as a result of a recommendation by the Division pursuant to N.J.A.C. 19:46-1.28(f) shall not require encryption.

(f) The authentication algorithm or other method utilized pursuant to (d) above shall:

1. Reside in and execute from storage media in the gaming equipment or related device pursuant to (a) above, which shall be incapable of being altered while installed in the device, inspected and physically sealed or otherwise secured as a result of a recommendation by the Division and:

- i. Located in a separate read-only storage media, such as an EPROM; or

- ii. Partitioned from all other data in a manner approved by the Commission;

2. Except for sound files and other types of computer files that do not affect the integrity or outcome of the game, execute for all computer files each time the gaming equipment or related device pursuant to (a) above is powered up, and when files are loaded from the media; and

3. Prevent further play of the gaming equipment or related device pursuant to (a) above if unexpected data or structural inconsistencies are detected.

(g) In the event that a failed authentication occurs in a slot machine, the slot machine shall:

1. Immediately enter into a tilt mode pursuant to N.J.A.C. 19:45-1.37B(c)3;

2. Automatically generate an alert notification of the tilt to the surveillance department and the slot shift manager, or such manager's supervisor, in a manner approved by the Commission, or, if gaming equipment and related devices are not capable of such alert notification, cause an appropriate tower light state pursuant to N.J.A.C. 19:45-1.37B(d)3, and the

recording of the details of the tilt to include, at a minimum, type of tilt, time, date, and slot machine event in a log; and

3. If the slot machine is connected to an approved computerized slot monitoring system, send a specific signal to the casino licensee's slot monitoring system indicating a tilt mode that shall be reviewed in accordance with approved internal controls.

(h) Each casino licensee shall immediately notify the Commission and Division of all failed authentications in a manner approved by the Commission and Division, respectively.

(i) A casino licensee may utilize a slot machine bill changer with alterable storage media that does not comply with the requirements of (d) through (h) above provided that it complies with the requirements of (i) 1 or 2 below:

1. The casino licensee shall comply with the following requirements:

i. The casino licensee shall have a slot monitoring system that transmits a unique signal to the casino security department or MIS department each time software is installed in the bill changer of a slot machine. The department that receives such a signal shall promptly review the list of slot machines scheduled to receive an installation of software to their bill changers. If a signal is transmitted for a slot machine that is not scheduled to receive such an installation of software, the department shall immediately notify the Commission and Division, and the casino security department shall promptly conduct an investigation and advise the Commission and Division of its results within 24 hours of the transmission of the signal.

ii. Each device used to install software in a slot machine bill changer shall be:

(1) Permanent affixed with a unique serial number which shall, at a minimum, identify the casino licensee;

(2) Equipped with a version of approved bill changer software that was installed in the presence of the Division; and

(3) Stored in a secure location as approved by the Commission and subject to dual key control, with one key controlled by the Commission.

iii. The device used to install software in a slot machine bill changer shall be subject to sign-in and sign-out procedures as approved by the Commission, which procedures shall provide, at a minimum:

(1) The device shall be signed out by a casino employee or casino key employee of the slot department, who shall sign a log, specify the time and date that the device is signed out, the serial number of the device being signed out, and briefly state the reason the device is being signed out (for example, “to install new bill changer software”); and

(2) The device shall be signed back in by the same employee, who shall sign the log, specify the date and time the device is signed back in, provide a copy of the slot department paperwork specifying the work that was performed, and attest by his or her signature that the device was immediately signed back in after the work was completed.

iv. As part of the installation process, the casino licensee shall, in accordance with internal controls approved by the Commission, and in the presence of a Commission inspector, perform a bill test of all accepted denominations of currency on the first bill changer to which software has been installed and, if directed by a Commission inspector, on a second, randomly selected, bill changer;

(1) If either of the bill changers fails the bill test, the casino licensee shall immediately cancel the remainder of the scheduled installations and shall not resume installation of the software until it has identified and corrected the problem and obtained prior Commission approval;

(2) In addition, if the second, randomly selected bill changer fails the bill test, the casino licensee shall perform a bill test on all bill changers to which the software has already been installed; and

(3) Any slot machine whose bill changer fails a bill test shall be taken out of service until the problem has been corrected and the bill changer passes a re-test.

v. After all scheduled installations of software to bill changers have been performed, the device shall be immediately signed back in.

vi. The casino licensee shall comply with the requirements of N.J.A.C. 19:45-1.42(r)4 and 5 with respect to the reporting of variances and gross revenue from the slot machine.

2. The casino licensee shall comply with the following requirements:

i. Approved software shall first be installed in a handheld device in the presence of the Division, which shall immediately seal the port into which the software was installed or, if the software is in the form of an EEPROM, immediately seal the EEPROM.

ii. Each handheld device used to install software to a slot machine bill changer shall be:

(1) Permanently affixed with a unique serial number which shall, at a minimum, identify the casino licensee; and

(2) Stored in a secure location as approved by the Commission and subject to dual key control, with one key controlled by the Commission.

iii. The device used to install software in a slot machine bill changer shall be subject to sign-in and sign-out procedures as approved by the Commission, which procedures shall provide, at a minimum:

(1) The device shall be signed out by a casino employee or casino key employee of the slot department, who shall sign a log, specify the time and date that the device is signed out, the serial number of the device being signed out, and briefly state the reason the device is being signed out (for example, "to install new bill changer software"); and

(2) The device shall be signed back in by the same employee, who shall sign the log, specify the date and time the device is signed back in,

provide a copy of the slot department paperwork specifying the work that was performed, and attest by his or her signature that the device was immediately signed back in after the work was completed.

iv. As part of the installation process, the casino licensee shall, in accordance with internal controls approved by the Commission, and in the presence of a Commission inspector, perform a bill test of all accepted denominations of currency on the first bill changer to which software has been installed and, if directed by a Commission inspector, on a second, randomly selected, bill changer.

(1) If either of the bill changers fails the bill test, the casino licensee shall immediately cancel the remainder of the scheduled installations and shall not resume installation of the software until it has identified and corrected the problem and obtained prior Commission approval;

(2) In addition, if the second, randomly selected bill changer fails the bill test, the casino licensee shall perform a bill test on all bill changers to which the software has already been installed; and

(3) Any slot machine whose bill changer fails a bill test shall be taken out of service until the problem has been corrected and the bill changer passes a re-test.

v. After all scheduled installations of software to bill changers have been performed, the handheld device shall be immediately signed back in.

vi. The casino licensee shall comply with the requirements of N.J.A.C. 19:45-1.42(r)4 and 5 with respect to the reporting of variances and gross revenue from the slot machine.

Adopted, effective: 04/15/02

As amended, effective: 12/01/03

As amended, effective: 06/15/09

As amended, effective: 07/06/09

19:46-1.27 Slot machine areas; density; arrangement; floor plans

(a) Slot machines used in the conduct of gaming shall be located and arranged in such a manner so as to:

1. Promote optimum security for the casino operation;
2. Avoid deception or frequent distraction to players at gaming tables;
3. Maximize the comfort of patrons;
4. Create and maintain a gracious playing environment in the casino; and
5. Encourage and preserve competition in casino operations by assuring that a variety of gaming opportunities is offered to the public.

(b) Each casino licensee shall be permitted to install and operate one slot machine for every 10 square feet of its casino floor space which may be allocated to slot area, as determined in accordance with (d) below.

(c) Each casino licensee shall arrange the layout of its casino floor so that whenever one row of slot machines in a casino is lined up back to back with another row of machines, the two rows shall be separated by a metal grating or other type of barrier, as approved by the Commission, that will prohibit a person from placing his or her hand between the rows of machines.

(d) The total amount of casino floor space that a casino licensee may utilize for slot machines, the walkways between them, and other structures or areas which are reasonably related to the use of slot machines ("Slot Area") such as slot booths, change booths, change machines, slot carousels, walls, columns or other architectural structures, and any other structures or areas which are reasonably related to, and contained within casino floor space which is dedicated to, the use of slot machines, shall not exceed 90 percent of the total amount of casino floor space and casino simulcasting facility floor space.

(e) The total amount of casino floor space dedicated to the Slot Area shall be measured by identifying the perimeter of each such area on the casino floor plan.

(f) Any casino floor space which is not used for slot area pursuant to (e)

above shall be dedicated to authorized games other than slot machines and related support and circulation space.

(g) Each casino licensee or applicant shall submit to the Commission a detailed floor plan, drawn to scale, depicting its proposed arrangement of slot machines, slot stools and table games. Such plan shall indicate all relevant floor space square footage; density information; and aisle dimensions, including the dimensions of aisles between rows of slot machines facing each other, of distances in front of slot machines not directly facing another slot machine, and of distances between slot stools and other obstructions or slot machines. Each casino licensee shall maintain on file with the Commission a current floor plan certified as to its accuracy.

(h) Each casino licensee or applicant seeking approval for a proposed arrangement of slot machines shall submit to the Commission a detailed floorplan, drawn to scale, depicting its proposed arrangement of slot machines, slot stools and table games and shaded to include all areas covered by (e) above. Such plans or attachments thereto shall indicate the amount of casino floor space by slot zone, or other subdivision of the total area included in the calculation required by (e) above, as approved by the Commission, and the total of such areas. Each casino licensee shall maintain on file with the Commission a current shaded floorplan certified as to its accuracy.

(i) Any floorplan submission that satisfies the requirements of this section shall be deemed approved by the Commission unless the casino licensee is notified in writing to the contrary within three days of filing.

(j) Slot machines shall not be permissible in casino simulcasting facilities.

Adopted new section, effective: 05/17/78

As amended, effective: 03/02/79

As amended, effective: 10/01/84

As amended, effective: 02/18/92

As amended, effective: 09/21/92

As amended, effective: 01/19/93

As amended, effective: 06/05/95

As amended, effective: 12/02/96

19:46-1.28 Testing of designated gaming or simulcast wagering equipment or related devices or software by the Division

(a) The following items of gaming or simulcast wagering equipment or related devices or software shall not be utilized in a casino, casino simulcasting facility or hub facility unless they are identical in all mechanical, electrical, electronic and other aspects to a prototype thereof which has been specifically tested by the Division pursuant to this section and approved for use by the Commission in accordance with N.J.A.C. 19:46-1.20:

1. Slot machines;
2. Progressive slot machine and table game progressive payout wager systems;
3. Slot monitoring systems;
4. Bill changers;
5. Coin acceptors;
6. Keno systems;
7. Software related to (a)1 through 6 above;
8. Totalisators;
9. Parimutuel machines, self-service parimutuel machines and credit voucher machines; and
10. Any other gaming or simulcast wagering equipment or related device or software that is determined by the Commission to require testing by the Division in order to contribute to the integrity of gaming or simulcast wagering operations.

(b) Any manufacturer or distributor proposing to offer any equipment, device or software that requires testing pursuant to (a) above prior to its use in an Atlantic City casino, casino simulcasting facility or hub facility, shall submit a written request for the testing of the equipment, device or software to the Division's Technical Services Bureau, 1601 Atlantic Avenue, Atlantic City, New Jersey 08401. The manufacturer or distributor shall transport, at its own

expense, a prototype of the equipment, device or software to a location specified by the Division for testing, examination and analysis in accordance with this section.

(c) Each prototype submitted pursuant to (b) above shall be accompanied by, without limitation, the following information, as applicable:

1. A hardware block diagram of the major subsystems;
2. A complete set of schematics for all subsystems;
3. A wiring loom/harness connection diagram;
4. Operation and/or service manuals;
 - i. An operation manual for bill acceptors incorporated into or connected with slot machines shall describe the operation of the device and its fault conditions, and shall include a software version thereof;
5. Details for coin hopper operation, including, but not limited to, capacities for various denominations, hopper fill detection, hopper jam detection, hopper empty detection and illegal or extra coin out detection;
6. A description of all meters required by N.J.A.C. 19:45 or 19:46;
7. Detailed information on the battery backup power, including, without limitation, identification of the components being backed up, type of battery or energy storage capability, expected operational life of the unit, information stored in the battery backed-up component, and a description of the low battery voltage indicator circuit;
8. A description of all tower light functions and what each situation indicates;
9. A mathematical explanation of the theoretical return to the player, listing all assumptions, all steps in the formula from the first principles through to the final results of all calculations and, where a game requires or permits player strategy in the theoretical derivations of the payout return, the source of strategy;
10. For fault conditions, the condition name and code, if applicable, the type of machine alarm (for example, bell or video message), a description of the fault and whether the machine locks up in this condition, and how the

machine is reset from each fault condition;

11. A description of the use and function of all dip switch settings or selectable operations;

12. Information on special test connections and communication requirements for evaluation purposes;

13. A description of the random number generators used to determine game outcome, including a detailed explanation of operation methodology, and a description of the manner by which the random number generator and random number selection process is impervious to outside influences including, without limitation, electromagnetic interference, electrostatic interference, radio frequency interference and influence from associated equipment via data communications;

14. If a slot machine includes more than one game, a description of each game, an indication that each game has separate meters and an indication that each such game complies with the minimum payout requirements in N.J.A.C. 19:45-1.37;

15. Software listings, in a format to be provided by the Division; and

16. Any other information or documentation that is deemed necessary by the Division in order to complete the testing of the prototype.

(d) In lieu of the information required by (c) above, the manufacturer or distributor may certify that a component of a prototype is identical in all aspects to a component of a prototype previously submitted to the Division for testing.

(e) The testing, examination and analysis of a prototype pursuant to this section may require the dismantling of the prototype and tests that may result in damage to or destruction of one or more systems or components of the prototype. Once submitted for testing pursuant to this section, no prototype shall be returned to the manufacturer or distributor thereof unless otherwise determined by the Division.

(f) Upon completion of its testing, examination and analysis of a prototype, the Division shall submit a report of its findings, conclusions and

recommendations to the Commission, which report shall specify any recommendations for modifications or additions to the prototype.

(g) Prior to a decision on whether to approve a particular prototype tested by the Division, the Commission may require a trial period of such duration as it may deem necessary to assess the operation of the prototype in a licensed casino. During the trial period:

1. Minor changes in the operation or design of the prototype may be made with the prior approval of the Division; and

2. The manufacturer or distributor of the prototype may receive compensation for the use of the prototype.

Adopted, effective: 05/17/78

As amended, effective: 06/07/99

As amended, effective: 11/05/01

As amended, effective: 07/01/02

19:46-1.28A Standards for the approval of a slot machine game

(a) No slot machine game shall be approved by the Commission for casino gaming unless it complies with the requirements of this section.

(b) Except as otherwise provided in this section, each slot machine game shall have a theoretical payout percentage equal to or greater than 83 percent but less than 100 percent. A game-within-a-game may have a theoretical payout percentage equal to or greater than 100 percent if the theoretical payout percentage of the game-within-a-game and the primary slot machine game within which it is included, when determined together, is less than 100 percent.

(c) Except as otherwise provided in this section, each play offered by a slot machine game shall have a theoretical payout percentage equal to or greater than 83 percent. A particular play may have a theoretical payout percentage that is equal to or greater than 100 percent if the primary slot machine game in which the play is included has a theoretical payout percentage that is less than 100 percent. No play offered by a slot machine

game shall have a theoretical payout percentage which is less than, when calculated to one hundredth of a percentage point, the theoretical payout percentage for any other play offered by that slot machine game which is activated by a slot machine wager which is lower in value than the slot machine wager required for that play. Notwithstanding the foregoing, the theoretical payout percentage of one or more particular plays may be less than the theoretical payout percentage of one or more plays which require a lesser wager provided that:

1. The aggregate total of the decreases in theoretical payout percentage for plays offered by the slot machine game is no more than one-half of one percent; and

2. The theoretical payout percentage for every play offered by the slot machine game is equal to or greater than the theoretical payout percentage for the play that requires the lowest possible wager that will activate the slot machine game.

(d) When determining whether a slot machine game or play meets the minimum 83 percent payout requirement, the following shall not be included as a payout:

1. A payout of merchandise or thing of value pursuant to N.J.S.A. 5:12-45 and N.J.A.C. 19:45-1.40A;

2. The amount of a progressive jackpot in excess of the initial or reset amount;

3. A cash or noncash complimentary issued pursuant to N.J.A.C. 19:45-1.9(i); and

4. A limited time payout.

(e) A slot machine game that includes a play with a skill feature and does not automatically disclose the choice that represents optimal strategy or provide mathematically sufficient information for a patron to derive optimal strategy shall have a theoretical payout percentage equal to or greater than 85 percent.

(f) The theoretical payout percentage of a play and slot machine game with a strategy feature or skill feature shall be calculated on the assumption that a patron will always exercise optimal strategy.

(g) A slot machine game that offers one or more games-within-a-game shall comply with the following requirements:

1. The primary slot machine game shall satisfy the 83 percent minimum payout requirement independently of any game-within-a-game;
2. Each game-within-a-game shall satisfy the 83 percent minimum payout requirement independently of the primary slot machine game within which it is included;
3. Each game-within-a-game, other than a game with a theoretical payout percentage equal to 100 percent, shall have an in meter, jackpot meter and manual jackpot meter that operate independently of the metering of the primary slot machine game, and the meters for the primary slot machine game shall be inclusive of all game-within-a-game activity;
4. The last game recall of the primary slot machine game shall include all game-within-a-game activity; and
5. The theoretical payout percentage of a game-within-a-game that can be played through the use of a free play award shall be equal to or greater than the theoretical payout percentage of the primary slot machine game.

(h) A slot machine game that includes plays with one or more strategy features shall comply with the following requirements:

1. Whenever a patron has an option to make a strategy choice, the slot machine game shall, in a manner approved by the Commission including, without limitation, through one or more video screens activated by a conspicuous button or touch screen option, automatically disclose the choice that represents optimal strategy or information that is mathematically sufficient for a patron to derive optimal strategy; and
2. Once a patron has achieved the highest award offered on a play by a strategy feature, the slot machine game shall not permit the patron to risk the award by making an additional strategy choice.

(i) Unless the Commission expressly finds, after consultation with the Division, that a particular type of proposed scripting would not be deceptive, or unless otherwise provided in this subsection, scripting shall not be permitted in any slot machine game. Jackpot scripting shall be permitted if:

1. It does not include any outcome in which no award will be received;
2. It does not display any unachievable result; and
3. It is not otherwise misleading.

(j) A slot machine game that offers free play awards shall not display as a possible outcome of a wager any amount that could only be won through the consecutive activation of free play awards won on the wager. For example, if the highest jackpot offered by a slot machine game is \$1,000 and it is possible to win two free play awards on one wager, the slot machine game shall not display \$2,000 as a possible jackpot.

(k) A multi-denominational slot machine shall comply with the following requirements:

1. All meters required by N.J.A.C. 19:45-1.37(b)1 to 4 shall increment in dollars and cents;
2. The slot machine shall provide the notice required by N.J.A.C. 19:45-1.37(a)4ix; and
3. Unless all credits on the slot machine can be fully redeemed by a gaming voucher or other means:
 - i. The value of the coin or slot token in the slot machine's hopper shall be equal to the lowest denomination that can be wagered on any slot machine game on the slot machine; and
 - ii. Each denomination that can be wagered on any slot machine game on the slot machine shall be evenly divisible by the lowest denomination that can be wagered. For example, a slot machine may offer wagers in denominations of five cents, 10 cents, 25 cents and \$1.00, but may not offer wagers in denominations of 10 cents, 25 cents and \$1.00.

Adopted, effective: 12/03/01
As amended, effective: 12/01/03
As amended, effective: 04/04/05
As amended, effective: 03/16/09

19:46-1.28B Gaming voucher redemption machines; requirements

(a) A gaming voucher redemption machine may be used to redeem a gaming voucher issued to a patron pursuant to N.J.A.C. 19:45-1.54 and 19:45-1.55 if the machine is connected electronically to the casino licensee's gaming voucher system and does not have the capability of affecting the security or integrity of that system.

(b) Each gaming voucher redemption machine shall be designed and constructed to provide maximum security for the gaming vouchers, coupons and cash contained therein and shall permit a patron to redeem a gaming voucher and, if applicable, a coupon, for cash by verifying and electronically canceling the voucher or coupon when it is scanned. Each gaming voucher redemption machine shall include, at a minimum, a tower light that displays its operational status and a cabinet which contains a cash dispenser unit; a bill validator; one or more bill validator boxes, currency cassettes; a currency cassette reject bin; coin hoppers; a computer and terminal and a printer.

(c) The computer required by (b) above shall include computer software which has the capability, at a minimum, to:

1. Communicate and store, in machine-readable form, separate from the gaming voucher system, data with respect to all transactions related to:
 - i. The redemption of gaming vouchers and, if applicable, coupons;
 - ii. The removal or insertion of bill validator boxes, currency cassettes, currency cassette reject bins, or coin hoppers from the gaming voucher redemption machine; and
 - iii. If applicable, bill breaking and ATM transactions.

2. Determine and report the value of cash or the number of bills, coins, gaming vouchers and coupons in each currency cassette, currency cassette reject bin, coin hopper and bill validator box at all times; and

3. Generate all forms and reports required by N.J.A.C. 19:45-1.33A and 1.35A.

(d) Nothing shall preclude the use of a related computer to satisfy the requirements of (c) above, provided that the requirements of (e), (i), (j), (k) and (l) below shall also be satisfied with respect to the related computer.

(e) Access to the computer software and data required in (c) above shall be restricted in a manner as set forth in the casino licensee's internal controls so that, at a minimum, no employee of the casino accounting or independent slot machine cage department or the department responsible for slot machine operations shall have the ability to modify the software and data contained in the gaming voucher system, the gaming voucher redemption machine or any related computer. The casino licensee shall maintain an entry log which documents, at a minimum, the person who accesses any such software and data, the date and time it was accessed and the reason for such access.

(f) The cabinet of a gaming voucher redemption machine shall have the following characteristics, at a minimum:

1. A lockable cabinet door to secure the currency cassettes, currency cassette reject bin, coin hoppers and bill validator boxes, the key to which shall be controlled by the casino accounting or independent slot machine cage department and stored in a secure area, access to which shall be limited to a supervisor of the department;

2. A separate lock to secure the bill validator boxes, the key to which shall be controlled by the casino security department, stored in a secured area and accessible only to casino security department employees; and

3. The keys to the cabinet and bill validator boxes shall be different from each other and subject to sign-out and sign-in procedures

approved by the Commission. No employee of the department responsible for slot machine operations shall have access to either of the keys at any time.

(g) Each currency cassette, currency cassette reject bin, coin hopper and bill validator box shall be a secure, tamper-resistant metal or plastic container capable of being locked or otherwise secured in a manner approved by the Commission. A currency cassette or coin hopper shall contain only one denomination of cash and shall be issued by and returned to the main bank or master coin bank in accordance with the requirements of N.J.A.C. 19:45-1.35A and the casino licensee's internal controls.

(h) Each gaming voucher redemption machine shall be located on or adjacent to the casino floor in an area approved by the Commission.

(i) Each gaming voucher redemption machine shall have a unique identification number imprinted, affixed or impressed on the outside of the machine. Each currency cassette, currency cassette reject bin, removable coin hopper and bill validator box in a gaming voucher redemption machine shall also have imprinted, affixed or impressed thereon, or otherwise attached to it in a manner approved by the Commission, the identification number of its corresponding gaming voucher redemption machine. The gaming voucher redemption machine identification number shall be included on all paperwork required by these rules and the casino licensee's internal controls.

(j) The security features of a gaming voucher redemption machine shall preclude the machine from altering or deleting any information required by N.J.A.C. 19:45-1.54(b)1 through 5.

(k) If a casino licensee elects to use a gaming voucher redemption machine, the internal controls of the casino licensee shall, without limitation:

1. Detail procedures for the operation of the gaming voucher redemption machine, including any necessary backup and recovery procedures;

2. Identify all error codes associated with the redemption of gaming vouchers and describe the procedures the casino licensee will implement in response to each error code;
3. Specify the manner in which the gaming voucher redemption machine interacts with the gaming voucher system;
4. Specify the manner in which the gaming voucher redemption machine will operate if it has insufficient funds to fully redeem a gaming voucher or coupon or an ATM transaction; and
5. Specify the manner in which the casino accounting or independent slot machine cage department and the department responsible for slot machine operations will interact with each gaming voucher redemption machine and any related computer including, without limitation, access to menus, the establishment of machine profile parameters, and the ability of the department to access, delete, create or modify information contained in the gaming voucher redemption machine and related computer.

(l) Prior to implementing any programming change, upgrade, or hardware addition or replacement to a gaming voucher redemption machine or any related computer, a casino licensee shall provide at least 72 hours advance written notice to the Commission and Division in accordance with the requirements of this subsection. Any written notice filed by a casino licensee in accordance with this subsection shall include, without limitation, the following:

1. A description of the reasons for the proposed modification;
2. A list of the computer components and programs or versions to be modified or replaced;
3. A description of any screens, menus, reports, operating processes, configurable options or settings that will be affected;
4. The method to be used to complete the proposed modification;
5. The date the proposed modification will be installed and the estimated time for completion;

6. The name, title, and employer of the person or persons who will install the proposed modification, provided however, that the person providing the notification of the proposed modification shall not be among the persons installing the modification;

7. A diagrammatic representation of the proposed hardware design change;

8. A restriction on “update” access to the production code to the person implementing the modification; and

9. Procedures to ensure that user and operator manuals are updated to reflect changes in policies and procedures resulting from the proposed modification.

(m) Notwithstanding the provisions of (l) above, the Commission may permit a casino licensee to change or upgrade non-critical software files or directories or hardware, as recommended by the Division and specifically identified in the casino licensee’s approved internal controls, provided that written notice describing the modification in accordance with (l) above shall be filed within 24 hours following the change.

(n) Subject to any testing required pursuant to N.J.A.C. 19:46-1.28 and approval by the Commission upon receipt of the notification required by (l) above, modifications to the gaming voucher redemption machine or related computer shall be installed in the presence of a Commission inspector and an employee of the MIS department with no incompatible functions.

(o) Following completion of the modification, the casino licensee shall generate a record detailing the modification, or if the gaming voucher redemption machine or remote computer does not have the capability of generating such a record, such other record as may be required by the Commission. In the event the Commission determines that testing is required after the modification, the Commission shall establish the terms and conditions of such a test.

(p) Notwithstanding anything in this subchapter to the contrary, a coupon issued to a patron pursuant to N.J.A.C. 19:45-1.46 may be redeemed by a gaming voucher redemption machine provided that:

1. The coupon is accounted for and controlled pursuant to N.J.A.C. 19:45-1.46;
2. The gaming voucher redemption machine and the coupon redemption process satisfy all of the requirements of N.J.A.C. 19:45-1.46A for the redemption of a coupon by an automated coupon redemption machine;
3. The gaming voucher redemption machine, in communication with the casino licensee's coupon acceptance system, has the capability to:
 - i. Distinguish a coupon from a gaming voucher;
 - ii. Establish the validity and value of a coupon; and
 - iii. Cancel a coupon that has been redeemed in a manner approved by the Commission to ensure that the coupon is not redeemable in accordance with N.J.A.C. 19:45-1.15 and 1.34(a) or by a slot machine's bill changer, a gaming voucher redemption machine or an automated coupon redemption machine;
4. The casino licensee separately reconciles gaming vouchers and coupons redeemed at gaming voucher redemption machines;
5. All reports required by N.J.A.C. 19:45-1.33A and 1.35A separately identify all information relating to gaming vouchers and coupons; and
6. The casino licensee provides documentation of the network design and layout in both narrative and diagrammatic formats, which demonstrates that the manner in which the gaming voucher redemption machine interfaces with the casino licensee's coupon acceptance system does not affect the integrity or security of its gaming voucher system, coupon acceptance system or its gaming voucher redemption machines and any related computer. If the coupon acceptance system is separate from the gaming

voucher system, each such gaming voucher redemption machine shall be connected to the coupon acceptance system only through a firewall or other comparable hardware and software, which has been approved pursuant to N.J.A.C. 19:46-1.20, and which shall, at a minimum, perform the following:

- i. Maintain a list of each device, person or process authorized to obtain computer access to each gaming voucher redemption machine;
- ii. Generate daily monitoring logs to inform the casino licensee of any unsuccessful attempts by a device, person or process to obtain computer access to each gaming voucher redemption machine;
- iii. Authenticate the identity of each device, person or process from which communication is received prior to granting computer access to such device, person or process; and
- iv. Authenticate the contents of each communication that is received and preclude any communication from reaching a gaming voucher redemption machine if it contains any information that is not directly related to the validation of a coupon that was presented for redemption at the gaming voucher redemption machine.

(q) Notwithstanding anything in this subchapter to the contrary, a gaming voucher redemption machine may accept currency for the purpose of changing bills from one denomination of currency into bills of another denomination of currency provided that all reports required by N.J.A.C. 19:45-1.35A separately identify currency exchanging transactions, gaming voucher redemptions and, if applicable, coupon redemptions and ATM transactions.

(r) Notwithstanding anything in this subchapter to the contrary, a gaming voucher redemption machine may dispense funds in an automated teller machine transaction provided that:

1. The gaming voucher redemption machine, in communication with the ATM network, has the ability to issue currency to a patron who has inserted a debit or credit card and requested the issuance of such currency;
2. All reports required by N.J.A.C. 19:45-1.35A separately identify and summarize ATM transactions from gaming voucher redemptions and, if applicable, coupon redemptions and bill breaking transactions;
3. The casino licensee provides documentation of the network design and layout in both narrative and diagrammatic formats, which demonstrates that the manner in which the gaming voucher redemption machine interfaces with the ATM network does not affect the integrity or security of its gaming voucher system, its gaming voucher redemption machines and any related remote computer and, if applicable, its coupon acceptance system;
4. All connections to the ATM network shall be administered by the casino licensee;
5. All communications with the ATM network be initiated by the gaming voucher redemption machine and shall occur on a separate, dedicated network as approved by the Commission. Any communications initiated by the ATM network or other outside source shall be blocked, logged and discarded. The log shall be reviewed by the casino licensee's MIS security officer on a periodic basis and shall be available for review by the Commission and Division upon request; and
6. All network connections between the gaming voucher redemption machine and the ATM network shall be protected using an approved firewall that satisfies the requirements of N.J.A.C. 19:45-2.2(f) and (g), located on the premises of the casino licensee, positioned between the gaming voucher redemption machine and the ATM network, and administered by the casino licensee. Such firewall shall, at a minimum, perform the following:

- i. Maintain a list of each device, person or process authorized to obtain computer access to each gaming voucher redemption machine;
- ii. Generate daily monitoring logs to inform the casino licensee of any unsuccessful attempts by a device, person or process to obtain computer access to each gaming voucher redemption machine;
- iii. Authenticate the identity of each device, person or process from which communication is received prior to granting computer access to such device, person or process; and
- iv. Authenticate the contents of each communication that is received and preclude any communication from reaching a gaming voucher redemption machine if it contains any information that is not directly related to the requested ATM transaction.

Adopted, effective: 04/16/07

19:46-1.28C Standards for the approval of an automated jackpot payout machine

(a) An automated jackpot payout machine may be used to make a manual slot payout if the slot machine and the automated jackpot payout machine are connected electronically to the casino licensee's computerized slot monitoring system; provided, however, that the automated jackpot payout machine shall be connected to the slot monitoring system for read-only purposes and shall not have the capability of affecting the security or integrity of the slot machine or the slot monitoring system. Notwithstanding the foregoing, a manual slot payout shall not be paid pursuant to this section unless the portion of the jackpot to be paid from the automated jackpot payout machine can be funded by the machine in the exact amount to which the patron is entitled or, alternatively, the casino licensee has obtained approval of

internal controls concerning the manner in which the balance is to be funded, recorded and reported.

(b) Each automated jackpot payout machine shall be designed and constructed to provide maximum security for the cash contained therein and shall dispense cash for the payment of a manual slot payout pursuant to information read from the casino licensee's computerized slot monitoring system, information input by a slot attendant or slot attendant supervisor in accordance with N.J.A.C. 19:45-1.40(m)3, and procedures submitted to and approved by the Commission. Each automated jackpot payout machine shall include, at a minimum, a cabinet which contains a cash dispenser unit, currency cassettes, a currency cassette reject bin, coin hoppers, a computer and terminal, and a printer.

(c) The computer required by (b) above shall include computer software which has the capability, at a minimum, to:

1. Read information from a casino licensee's computerized slot monitoring system;
2. Instruct the automated jackpot payout machine to dispense the amount of a manual slot payout;
3. Communicate and store, in machine-readable form in a computer system separate from the casino licensee's slot monitoring system, data with respect to all transactions related to the dispensing of cash and the removal or insertion of cash cassettes, currency cassette reject bins and coin hoppers from the automated jackpot payout machine;
4. Determine and report the amount of cash or the number of bills or coins in each currency cassette and coin hopper at all times; and
5. Generate all reports required by N.J.A.C.19:45-1.35A.

(d) Nothing shall preclude the use of a related computer to satisfy the requirements of (c) above, provided that the requirements of (e), (i), (j), (k) and (l) below shall also be satisfied with respect to the related computer.

(e) Access to the computer software and data required in (c) above shall be restricted in a manner as set forth in the casino licensee's internal control system so that, at a minimum, no employee of the casino accounting or independent slot machine cage department or the department responsible for slot machine operations shall have the ability to modify the software and data contained in the slot monitoring system, the automated jackpot payout machine or any related computer. The casino licensee shall maintain an entry log which documents, at a minimum, the person who accesses any such software or data, the date and time it was accessed and the reason for such access.

(f) An automated jackpot payout machine cabinet shall have a lockable cabinet door to secure the currency cassettes, currency cassette reject bin and coin hoppers, the key to which shall be controlled by the casino accounting or independent slot machine cage department and stored in a secure area, access to which shall be limited to a supervisor of the department.

(g) Each currency cassette, currency cassette reject bin and coin hopper shall be a secure, tamper-resistant metal or plastic container capable of being locked or otherwise secured in a manner approved by the Commission. A currency cassette or coin hopper shall contain only one denomination of cash and shall be issued by and returned to the main bank or master coin bank in accordance with the requirements of N.J.A.C. 19:45-1.35A and the casino licensee's internal controls.

(h) Each automated jackpot payout machine shall be located on the casino floor or in a restricted casino area approved by the Commission.

(i) Each automated jackpot payout machine shall have a unique identification number imprinted, affixed or impressed on the outside of the machine. Each currency cassette, currency cassette reject bin and removable coin hopper in an automated jackpot payout machine shall also have imprinted, affixed or impressed thereon, or otherwise attached to it in a manner approved by the Commission, the identification number of its corresponding automated jackpot payout machine. The automated jackpot

payout machine identification number shall be included on all paperwork required by these rules and the casino licensee's internal controls.

(j) The security features of the automated jackpot payout machine system shall, at a minimum, prohibit the deletion, creation or modification of any information required by N.J.A.C. 19:45-1.40, unless a permanent record is created which contains:

1. The original information;
2. Any modification to the original information; and
3. The identity of the employee making the modification.

(k) If a casino licensee elects to use an automated jackpot payout machine, the internal controls of the casino licensee shall, without limitation:

1. Detail procedures for the operation of the automated jackpot payout machine, including any necessary backup and recovery procedures;
2. Identify all error codes associated with the dispensing of jackpot payouts and describe the procedures the casino licensee will implement in response to each such error code;
3. Specify the manner in which the automated jackpot payout machine interacts with the slot monitoring system; and
4. Specify the manner in which the casino accounting or independent slot machine cage department and the department responsible for slot machine operations will interact with each automated jackpot payout machine and any related computer, including, without limitation, access to system menus, the establishment of machine profile parameters, and the ability of the department to access, delete, create or modify information contained in the automated jackpot payout machine and related computer.

(l) Prior to implementing any programming change, upgrade, or hardware addition or replacement to an automated jackpot payout machine or any related computer, the casino licensee shall provide at least 72 hours advanced written notice to the Commission and Division in accordance with the requirements of this subsection. Any written notice filed by a casino

licensee in accordance with this subsection shall include, without limitation, the following:

1. A description of the reasons for the proposed modification;
2. A list of the computer components and programs or versions to be modified or replaced;
3. A description of any screens, menus, reports, operating processes, configurable options or settings that will be affected;
4. The method to be used to complete the proposed modification;
5. The date that the proposed modification will be installed and the estimated time for completion;
6. The name, title, and employer of the person(s) to perform the installation, provided however, that the person providing the notification of the proposed modification shall not be among the persons installing the modification;
7. A diagrammatic representation of the proposed hardware design change;
8. Restriction on “update” access to the production code to the person implementing the modification; and
9. Procedures to ensure that user and operator manuals are updated to reflect changes in policies and procedures resulting from the proposed modification.

(m) Notwithstanding the provisions of (l) above, the Commission may permit a casino licensee to change or upgrade non-critical software files or directories or hardware, as recommended by the Division and specifically identified in the casino licensee’s approved internal controls, provided that written notice describing the modification in accordance with (l) above shall be filed within 24 hours following the change.

(n) Subject to any testing required pursuant to N.J.A.C. 19:46-1.28 and approval by the Commission upon receipt of the notification required by (l) above, modifications to the automated jackpot payout machine or related

computer shall be installed in the presence of a Commission inspector and an employee of the MIS department with no incompatible functions.

(o) Following completion of the modification, the casino licensee shall generate a record detailing the modification, or if the automated jackpot payout machine or related computer does not have the capability of generating such a record, such other record as may be required by the Commission. In the event the Commission determines that testing is required after the modification, the Commission shall establish the terms and conditions of such a test.

Adopted, effective: 04/16/07

19:46-1.29 Operation of gaming and simulcast wagering equipment and related devices and software in conformance with Commission approval

(a) The responsibility for final assembly and initial operation of any gaming or simulcast wagering equipment or related device or software in the manner approved by the Commission rests with the manufacturer and distributor. Any subsequent change in the manner of assembly or operation of an approved piece of gaming or simulcast wagering equipment or a related device or software shall be deemed unsuitable unless prior to the institution of the change the manufacturer or distributor or operator shall have obtained approval from the Commission in accordance with this section, N.J.A.C. 19:46-1.20 and, if applicable, N.J.A.C. 19:46-1.28.

(b) Any request for changes to an approved piece of gaming or simulcast wagering equipment or any related device or software shall be filed with the Commission and shall include the following:

1. A description of the modification and the reasons therefor;
2. Any relevant documentation that describes the operational impact of the modification; and
3. Diagrams or mathematical explanations as necessary.

(c) Any hardware or software modification to an approved prototype that was previously tested by the Division pursuant to N.J.A.C. 19:46-1.28 shall be submitted to the Division for review and approved by the Commission prior to implementation.

(d) Each piece of gaming or simulcast wagering equipment or related device or software approved by the Commission shall, at all times, operate or function in accordance with all representations made by the manufacturer, distributor or operator to the Commission, the Division and the public.

As amended, effective: 10/17/88

As amended, effective: 06/07/99