

CHAPTER 461b. SLOT MACHINE MINIMUM DESIGN STANDARDS –TECHNICAL STANDARD

§ 461b.1. Slot machine minimum design standards.

(a) Slot machine volatility shall be calculated based on a 95% confidence interval. Volatility calculations must utilize the following when calculating the lowest payout percentage available for each slot machine game:

(1) The aggregate variance is the sum of the probability of every winning combination multiplied by the square of the corresponding payout.

(2) The standard deviation is the square root of the difference between the aggregate variance of paragraph (1) and the square of the lowest payout percentage.

(3) The volatility index is 1.96 multiplied by the standard deviation calculated in paragraph (2).

(4) The approach percentage is the difference between the lowest payout percentage and 84.999%.

(5) The volatility, calculated as the number of plays to equal or exceed the minimum payout requirement of 85%, is the square of the quotient obtained when the volatility index found in paragraph (3) is divided by the approach percentage found in paragraph (4).

(6) The volatility calculated in paragraph (5) may not exceed 10,000,000 plays.

(b) Each slot machine approved for use in a licensed facility must be configured to wager credits available for play in the following order:

(1) Noncashable credits.

(2) Cashable credits.