LOTTERY GAMES TEST ANALYST 1

NATURE OF WORK:
Under general supervision, performs technical work in the comprehensive testing and certification of all video gaming machine (VGM) hardware and software licensed for gaming by the West Virginia Lottery. Work is performed at the Lottery Compliance Analysis Laboratory. Work involves the analysis, testing, certification and recommendation of gaming devices and ancillary equipment and software for approval of the Lottery Commission. Provides technical support to external customers and Lottery field staff on the technical aspects of gaming devices and software; assists in resolving customer disputes through analysis of device electronics and/or software and reconstruction of game play events. Maintains a model library of all gaming device hardware and software. Occasional statewide travel is required. Background and credit investigation and security clearance required for employment. Performs related work as required.

DISTINGUISHING CHARACTERISTICS:
This is the full-performance level in the Lottery Games Test Analyst class series. Employee applies knowledge of computer electronics and video gaming to the test the accuracy of all gaming device equipment and software approved for use by the Lottery Commission.

ESSENTIAL JOB FUNCTIONS: (Any specific position in this class may not include all of the duties listed, nor do the examples listed cover all of the duties which may be assigned.)
Verifies that video gaming machine hardware received from the independent testing laboratory contains all require components necessary to test and approve for use in state video gaming venues.
Through the use of various testing scenarios, analyzes gaming devices and gaming software for compliance with applicable laws, regulations and policies.
Loads binary files on the Video Lottery Test System and sets up programs for approved game software; performs signature verification of system software and compares to values listed in the independent testing laboratory certification letter.
Verifies the accuracy of gaming certifications made by independent testing consultants; recommends gaming device approval to the Lottery Commission.
Tests and verifies the accuracy of gaming device hardware and software communication with the Lottery Central Management System.
Assists in resolving customer or player disputes through the analysis of device electronics and/or software and by reconstructing game play events as necessary.
Provides technical support to external customers and Lottery field staff on gaming device hardware and software.
Maintains a documentation library of all gaming device hardware and software approved by the Lottery Commission.
Compiles data for preparation of regular and special reports on testing activity and technical support activity.

9266

LOTTERY GAMES TEST ANALYST 1

KNOWLEDGE, SKILLS AND ABILITIES:
Knowledge of computer electronics.
Ability to test and certify video lottery hardware and software.
Ability to provide technical support to external customers and Lottery field staff on gaming
device electronics and software; ability to reconstruct game play events in resolving
player disputes.
Ability to maintain accurate records of testing laboratory activities.
Ability to maintain effective working relationships with Lottery staff, retailers, players, gaming
manufacturers and the public.

MINIMUM QUALIFICATIONS:
TRAINING: Graduation from a standard four-year high school or the equivalent.
EXPERIENCE: Two years of full-time or equivalent part-time paid employment in gaming
device installation and repair, computer repair, or in electronics technology.
SUBSTITUTION: Successful completion of an approved vocational school program in
electronics of at least 1080 clock hours or an Associate Degree in Electronics or
Electronics Engineering Technology from a regionally accredited college or university
may substitute for the required experience.
OR
Two years of full-time or equivalent part-time paid experience in the video lottery games
testing process and/or operation may substitute for the required experience.

Established: 3/19/09
Revised: 12/3/09
Effective: 12/3/09