9265

LOTTERY GAMES TEST ANALYST 2

NATURE OF WORK:
      Under limited supervision, performs advanced level technical work in the review, testing and certification of all video gaming hardware and software submitted to the West Virginia Lottery by licensed video gaming machine (VGM) manufacturers. Work is performed at the Lottery Compliance Analysis Laboratory. Installs certified hardware and/or software into licensed video gaming machines and conducts various testing scenarios to verify that the hardware and/or software meets the standards established by the state gaming statutes. Works with the Video Lottery Audit Team, the VGM manufacturer and the independent testing laboratory to troubleshoot and resolve any problems found during the testing process. Maintains a secure library of all approved VGM hardware and software used in the state gaming venues. Maintains and secures a database on all hardware and software submitted for testing; maintains a manual of instructions and procedures for installing software in all video gaming machines. Prepares detailed reports of testing and verification activities. Assists in the training and supervision of new Game Test Analysts. 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 advanced level in the Lottery Games Test Analyst class series. Employee performs in a lead role with more complex test analyst responsibilities. Leads the work of lower level Lottery Games Test Analysts; assists in training and reviewing the work of others.

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.)

Tests and analyzes video gaming hardware and software from various manufacturers to determine compliance with applicable laws, regulations and policies.

Collaborates with independent testing laboratory and/or licensed manufacturer personnel to troubleshoot and resolve any video gaming machine hardware or software problems found during the testing process.

Performs signature verification on video gaming machine and system software stored on EPROM's (Erasable Programmable Read Only Memory Chips), compact flash cards, compact discs or floppy disks and compares to values listed on hardware and software certification letters submitted by the independent testing laboratory.

Organizes and secures a library of all approved video gaming machine software and hardware approved for use in the state.

Maintains and updates a database on all hardware and software submitted for testing at the Compliance Analysis Laboratory; maintains a manual of procedures for installing software on all models of video gaming machines.

LOTTERY GAMES TEST ANALYST 2 (CONT'D)

ESSENTIAL JOB FUNCTIONS: (Cont'd)
Maintains video gaming machines in the Compliance Analysis Laboratory in complete working order; ensures that each VGM in the laboratory includes the latest approved hardware and software.
Provides technical assistance to personnel at Limited Video Lottery and racetrack venues on software problems, hardware malfunctions, video gaming machine problems, data line problems or other technical issues.
Leads the work of other Lottery Games Test Analysts; trains Lottery personnel in gaming equipment and/or gaming software testing operations and procedures.

KNOWLEDGE, SKILLS AND ABILITIES:
Knowledge of computer electronics.
Knowledge of West Virginia Lottery video gaming machine hardware and software testing and verification procedures.
Ability to test and certify video gaming machine hardware and software.
Ability to provide technical support to external customers and Lottery field staff on gaming device electronics and software problems; ability to reconstruct game play events in resolving player disputes.
Ability to organize and secure a library of approved video gaming machine hardware and software used in the state; ability to maintain a manual of procedures for software installation on all models of video gaming machines in the state.
Ability to maintain effective working relationships with Lottery staff, retailers, players, gaming machine manufacturers and the public.
Ability to lead the work of others.

MINIMUM QUALIFICATIONS:
TRAINING: Graduation from a standard four-year high school or the equivalent.
EXPERIENCE: Four years of full-time or equivalent part-time paid experience in gaming machine software testing and installation, 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 two years of the required experience.
<div align="center">**OR**</div>
Four 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
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