

New Gambling Device and Modification Submission Instructions

Montana Department of Justice/Gambling Control Division

New gambling device and modification submissions will be accepted Monday through Friday, 8:00 a.m. to 4:00 p.m. by appointment only, excluding holidays. All submissions must be submitted to the following address:

<u>Location:</u>	Gambling Control Division Technical Service Section 2550 Prospect Ave Helena, MT 59601	<u>Mailing Address:</u>	Gambling Control Division Technical Service Section PO Box 201424 Helena, MT 59620-1424
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New Gambling Device submissions must be accompanied by a manufacturer's letter requesting approval and the required initial deposit or existing account balance. Submissions will not be accepted without the required initial deposit or the equivalent amount in an existing account. The submission must be deemed complete by the Division or it will not be accepted. Make checks payable to "Gambling Control Division." Approvals will not be granted until all testing fees are paid.

The following is a list of fees the Division assesses for testing:

<u>Category</u>	<u>Initial Deposit/Existing Account Balance</u>	<u>Hourly Charges</u>
New Devices	\$10,000	\$105
Modifications	\$3,000	\$105

A current Manufacturer's Access List must be filed with the Gambling Control Division prior to the manufacturer's first submission of a new device. The Manufacturer's Access List provides names and positions of people who are authorized to discuss devices and/or modifications with the lab. The lab will communicate only with those people listed on the access list. It is the responsibility of the manufacturer to remit an updated Manufacturer's Access List when any changes occur.

Each modification submission must be accompanied by a Modification Document. Each modification must be submitted separately; multiple modifications per single submission will not be accepted. A modification is not considered approved by the Division until the manufacturer receives an approval letter from the Division and complies with any immediate conditions contained in the letter. Modifications for a new device will only be accepted at the time of initial submission of the new device. Modifications, post of initial submission of a new device, will not be accepted until the device has been approved.

All gambling devices must comply with the New Gambling Device and Modifications Requirements Specification. A New Gambling Device and Modifications Test Plan is also provided for your use.

All documentation and hardware supporting any new gambling device must accompany the submission. Failure to supply adequate documentation or hardware could result in a delay of approval. Documentation must be supplied in its electronic version.

A substantial hardware modification intended for field installation is considered a retrofit kit. These kits will additionally require documentation that contains: kit number, tools required, parts list with part numbers, step-by-step installation instructions and illustrations if necessary. In cases where the incorporation of the modification may affect the accounting, the installation instructions must include steps to file a "Video Gambling Machine Service Form."

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In the event a software and/or hardware bug/problem does or could potentially warrant the shutdown of a game and/or affect a gambling device's validation, meter data, payout return, or fairness to player, manufacturers must immediately notify GCD Technical Services of all details in writing. If you have any questions regarding submission requirements for new gambling devices and/or modifications, please contact Ben Kamerzel.

Questionable game concepts can be submitted to the Division for preliminary approval based on a white paper document. Please submit game concepts to Ben Kamerzel.

Each manufacturer is encouraged to work with our lab during the design and development of a new device or game platform. This verbal and white paper dialog serves to alleviate re-design and speed the testing and approval process. Please contact Ben Kamerzel.

CONTACTS:

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New Gambling Device and Modification Submission Instructions

New VGM or Electronic Gambling Device

- Modification Document.
- Manufactures Access List.
VGM or Electronic Gambling Device with thumb turn locks in place of keyed locks (once approved this will remain in the lab for future updates or testing required). The VGM must also have sliders or casters mounted to the bottom of the cabinet to allow for ease of moving within the lab.
- Schematics for all circuit boards and hardware block diagrams.
- User Manuals (operator, printer, touch screen, electronic coin acceptor, bill acceptor, special purpose integrated circuits).
- Digital image of the complete device, front view.
- Digital image(s) showing the fixed location of all critical and non-critical memory storage media.
- Digital image of each printed circuit board(s) containing critical and/or non-critical memory storage media.
Excel spreadsheet containing schedule of payouts, percentages and odds determinations for each game. The return % must breakout the main and bonus portion of the game (if applicable). Spreadsheets should have a unique version in the filename to identify payable changes. Each spreadsheet should include a sheet describing full game functionality with all assumptions used to model the game behavior. If simulation results are provided without a full theoretical math description, reasonable justification should be provided to demonstrate the necessity of simulations. Provide verification from a qualified independent testing service that the theoretical return for each bet increment in each Line Game does not exceed 92%; all Line Game math must be provided directly from the independent testing service.
- Data sheets for non-volatile RAM and any associated batteries.
- Documentation describing source build directory structure.
- Documentation describing payable location in the source and how it is built and configured.
- Documentation describing software integrity algorithms and the boot chain of trust.
- Documentation of the Random Number Generator Algorithm.
- Documentation of how any dip switches and jumpers (logic boards, bill acceptor, printer etc.) will be configured.
- Master reset media or any tool used to clear the memory.
- Build PC containing the compiler and all tools to build the VGM binary from source and documentation to rebuild environment on the PC.
- Source code for all VGM binaries (game, OS, bios, etc ...) and documentation instructions to build on CD or DVD.
- Emulator/debugger hardware, software, and scripts as well as documentation describing usage.
- Twelve rolls/stacks of printer paper.
- Two complete sets of all programmable read-only memory and/or storage media for each version of machine software labeled ready for field use.
- \$10,000 submission fee if not already on account.

Modification (Hardware or Software)

- Modification Document.
- Manufactures Access List (if updated).
- New or modified hardware.
New software with two complete sets of all programmable read-only memory and/or storage media for each version of machine software labeled ready for field use. Source code for all VGM binaries (game, OS, bios, etc ...) and documentation instructions to build on CD or DVD.
- Any modified or updated documentation, manuals, schematics, spreadsheets, data sheets, or images.
Field installation kits must include: Kit number, tools required, parts list with part numbers and step by step instructions including illustrations if necessary. In cases where installation may affect the accounting, include steps to file a VGM Machine Service Form; include steps to record before and after hard and soft meters.
- Excel spreadsheet containing schedule of payouts, percentages and odds determinations for each new game. The return % must breakout the main and bonus portion of the game (if applicable). Spreadsheets should have a unique version in the filename to identify payable changes. Each spreadsheet should include a sheet describing full game functionality with all assumptions used to model the game behavior. If simulation results are provided without a full theoretical math description, reasonable justification should be provided to demonstrate the necessity of simulations. Provide verification from a qualified independent testing service that the theoretical return for each bet increment in each new Line Game does not exceed 92%; all Line Game math must be provided directly from the independent testing service.
- \$3,000 submission fee if not already on account