



STATE OF MICHIGAN GAMING CONTROL BOARD GAMING LABORATORY

INSTRUCTIONS FOR SUBMITTING SOFTWARE OR HARDWARE FOR APPROVAL

The following list includes the minimum information required by the Michigan Gaming Control Board Gaming Laboratory for the approval of software or hardware requests as they relate to electronic gaming devices, computerized accounting systems, and any other systems or associated equipment as required by the MGCB.

- All necessary MGCB forms.
- All current technical documentation for the submitted product including schematics, technical drawings, software and hardware descriptions, etc.
- Documentation on microprocessor or microcontroller utilized for device.
- All software source code listings and executables.
- Binary images of all compiled code.
- All "program storage media," such as EPROMS, CD's, hard drives, etc., including but not limited to main, personality, data table, graphics, sound and character generator software.
- Upon request, a compiler, or access to, for the purpose of building applicable code modules.
- A detailed written description of all aspects of operation, to include, but not limited to, the random number generator (RNG), breakpoints, pay evaluation routines, bonus features, rules of play, table layouts, etc.
- Upon request, a complete mathematical analysis of the RNG implementation used asserting compliance with applicable MGCB Administrative Rules and Technical Standards must be provided.
- All source code, executables, and binary images for any programmable devices.
- Upon request, any specialized hardware or testing equipment needed to complete the evaluation, which may include an emulator for a specified microprocessor, PCs, extender cables for CPU board, target reel strips and door defeats.
- Upon request, a representative prototype delivered to:

Michigan Gaming Control Board
3062 W. Grand Blvd., Suite L-700
Detroit, MI 48202-6062
Phone 313-456-4215
Fax 313-456-4220
ATTN: Gaming Laboratory

All software submission requests are to be documented and submitted separately on software submission forms. Individual hardware pieces may be submitted together on one hardware submission form if they are part of a kit or related to the same modification. Submission forms are listed below. If you need assistance in determining what forms you should use, contact the MGCB Laboratory Manager at (313) 456-4222.

- Software Submission Form (MGCB-RAL-4015)
- Hardware Submission Form (MGCB-RAL-4016)

All forms must be completed in their entirety and signed. Any items that are not applicable may be answered with N/A or left blank. Omissions may result in delayed processing or denial of the submission. The software and hardware submission forms can be altered if additional lines or space is needed, but no data fields are to be removed.

On all attachments, identify the specific section to which the attachment refers. Additional information or submissions may be requested by the MGCB Lab in order to complete the evaluation. Page 2 of this document explains the individual data fields on both the software and hardware submission forms.

SOFTWARE SUBMISSION FORM	
Request Reference #	Manufacturer's internal reference or submission tracking number.
Requested by	Name of the company requesting approval.
Emergency Submission	Does this submission need immediate consideration for approval? If so, provide an explanation and justification for the emergency request on a separate attachment or cover letter.
New or Modified Submission	Is the submission for new game or a modification of a previously approved game?
Platform	Model name or number of the equipment this submission will be used on.
Game Theme	The name or theme of the submitted game.
Manufacturers ID #	ID Number or name used to specifically identify the software as it will appear in the field.
Version	Specific version or revision of the software, if applicable.
Function	Functionality of the program; i.e., BIOS, Boot, Graphics, Main, Pay Table, etc.
Minimum Pay Back Percentage	Mathematically demonstrated minimum pay back percentage, calculated without using progressive increment rates.
Maximum Pay Back Percentage	Mathematically demonstrated maximum pay back percentage.
Optimal Pay Back Percentage	Mathematically demonstrated maximum pay back percentage expected for optimal bet and strategy, if applicable.
Maximum Odds	Mathematically demonstrated odds of hitting the award with the lowest probability of occurrence, normalized to 1. If these odds are the same as that listed in Top Award Odds, this item may be left blank.
Top Award Odds	Mathematically demonstrated odds of hitting the highest value award, normalized to 1.
Progressive Awards	Does the game have progressive capabilities, yes (always), no or optional.
Skill Based Features	Does the game utilize skill based bonus games or features?
Group Play Features	Does this game have group play functionality, where the game plays a shared feature or bonus round with other connected gaming devices?
RNG Code	Does this program use a new or previously unapproved RNG implementation? Has the RNG code been modified in any way from the previously approved submission or implementation?
Detailed Description of Modification	Complete technical description of the modification to the device as well as the reasons the modification(s) is being requested.
Agreement and Certification	Signature of the authorized company official accepting the agreement and certification terms. Company name must be included.
Date	Date of signature must be included in order to process the form.

HARDWARE SUBMISSION FORM	
Request Reference #	Manufacturer's internal reference or submission tracking number.
Requested by	Name of the company requesting approval.
Emergency Submission	Does this submission need immediate consideration for approval? If so, provide an explanation and justification for the emergency request on a separate attachment or cover letter.
New or Modified Submission	Is the submission new or a modification of previously approved hardware?
Platform	Model name or number of the equipment this submission will be used on.
Manufacturers Part #	Specific part number, model number, or name used by manufacturer to identify component.
Revision	Specific version or revision of the hardware, if applicable.
Function	Description / functionality of the specific component.
Detailed Description of Modification	Complete technical description of the modification to the device as well as the reasons the modification(s) is being requested.
Agreement and Certification	Signature of the authorized company official accepting the agreement and certification terms. Company name must be included.
Date	Date of signature must be included in order to process request.

If there are any questions regarding these instructions, please contact the MGCB Laboratory Manager at (313) 456-4222.