



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

BMM NORTH AMERICA INC.
DBA BMM TESTLABS
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INFORMATION TECHNOLOGY (IT)

Valid To: October 31, 2019

Certificate Number: 2549.01

In recognition of the successful completion of the A2LA evaluation process (including an assessment of the laboratory's compliance with the A2LA Information Technology Program Requirements), accreditation is granted to this laboratory for the following Software and Hardware tests on Electronic Gaming Devices:

Device	Type of Activity	Method(s)
Gaming Equipment* (Hardware)	<ul style="list-style-type: none">• Compliance Testing• Functionality Testing• Modification Testing• Associated Hardware Testing• Electrostatic Discharge (ESD) Testing• Bank Note Acceptor Testing• Printer Testing• Hopper Testing• Top Box Testing	<ul style="list-style-type: none">• M2-9-201
Gaming Equipment* (Main Software)	<ul style="list-style-type: none">• Compliance Testing• Functionality Testing• Error/Event Handling Testing• Accounting Testing• Communication Testing• Source Code Review & Compilation• Modification Testing• Associated Software Testing• Random Number Generation Testing• Hash Verification	<ul style="list-style-type: none">• M2-9-202

Device	Type of Activity	Method(s)
Gaming Equipment* (Personality Software)	<ul style="list-style-type: none"> • Compliance Testing • Functionality Testing • Pay-Glass & Help Screen Clarity & Validation • Pay-Table Emulation • Protocol Testing • Source Code Review & Compilation • Modification Testing • Special Feature Testing • Artwork (Pay Tables, Help Screens) Review • Hash Verification • Associated Software Testing • Math Evaluation (Pay Table, Volatility, PAR) 	<ul style="list-style-type: none"> • M2-9-202
Gaming Equipment* (Associated Software)	<ul style="list-style-type: none"> • Associated Software Testing • Functionality Testing • Source Code Review & Compilation • Modification Testing • Hash Verification 	<ul style="list-style-type: none"> • M2-9-202
Gaming Systems* (Slot Management Systems)	<ul style="list-style-type: none"> • Error/Event Handling • Accounting Accuracy/Reporting • Communication Interface: Progressive Controller, other Jackpot Systems, Displays • System Security-Role Files Access • Source Code Review & Compilation • System Communication: Host to Intermediate Unit, Intermediate Unit to Machine Interface, Game Equipment to Progressive Unit • Hash Generation & Verification • System Documentation Review • Loyalty System • Communications/Functional Tests (Interoperability Tests) 	<ul style="list-style-type: none"> • M2-9-203



Device	Type of Activity	Method(s)
Gaming Standards Association (GSA) Certification Program* Specific testing requirements for: <ul style="list-style-type: none"> • Gaming Devices • Gaming Systems • Gaming Applications • Client/Host 	<ul style="list-style-type: none"> • G2S Protocol • S2S Protocol • Transport Protocol • Point to Point/Multicast Transport • GAT Serial Protocol: EGM • GDS USB Protocols: Peripheral Device 	<ul style="list-style-type: none"> • M2-9-211
Interactive / Internet Gaming Products and Systems (iGaming)	<ul style="list-style-type: none"> • Game Evaluation <ul style="list-style-type: none"> • Source Code Verification • Artwork (Graphical and Auditory Interface) Verification • Functionality Testing • Accounting Verification • Interoperability / Integration Testing • Gaming Platform Evaluation <ul style="list-style-type: none"> • Player / User Account Systems Testing • Main / Platform Compliance Testing • Audit Mode / Logging Testing 	<ul style="list-style-type: none"> • M2-9-202

* This laboratory meets A2LA R104 – *General Requirements: Accreditation of Field Testing and Field Calibration Laboratories* for these tests.

This accreditation covers the testing of gaming technology for compliance with jurisdictional requirements as set forth through statute, regulation, standards or policies by regulatory agencies.





Accredited Laboratory

A2LA has accredited

BMM NORTH AMERICA INC.

Las Vegas, NV

for technical competence in the field of

Information Technology Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets the additional requirements of A2LA's *R214 Information Technology Accreditation Program*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).



Presented this 25th day of January 2018.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2549.01
Valid to October 31, 2019
Revised February 6, 2019

For the tests to which this accreditation applies, please refer to the laboratory's Information Technology Scope of Accreditation.