

## **APPENDIX H – ISO ACCREDITATIONS (U.S.)**



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

GAMING LABORATORIES INTERNATIONAL, LLC  
4720 Independence St.  
Wheat Ridge, CO 80033  
Mark Mensik Phone: 732 942 3999

INFORMATION TECHNOLOGY

Valid To: March 31, 2024

Certificate Number: 2428.04

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 or types of tests on Electronic Gaming Devices & Systems:

Unit/System Tested	Type of Activity	Test Method
Gaming Equipment Hardware	Hardware Testing	WI-EN-472
	General Power Recovery Tests	WI-EN-037
	Table Games and Accessories Evaluation	WI-EN-474
	Keno, Bingo, Lottery Balls and Drawing Drums Evaluation	WI-EN-033
	Electrostatic Discharge Testing (ESD)	TW-GEN-002 NGCB - TEST CASE 1.020.1
	Leakage Current Measurement	NGCB - TEST CASE 1.110.2
	Power Supply Filtering	NGCB - TEST CASE 1.020.3
Gaming Software: <ul style="list-style-type: none"><li>• Main Programs</li><li>• Personality (Data) Programs</li><li>• Associated Software Programs</li></ul>	Gaming Software Functionality Testing <ul style="list-style-type: none"><li>• Accounting Accuracy Verification</li><li>• Communication (Protocol) Testing</li><li>• Error/Event Handling Verification</li><li>• Game Cycle Time Measurement</li><li>• Table Game Math Analysis</li><li>• Modification Validation</li><li>• Pay Glass/Help Screen Verification</li></ul>	WI-EN-023 WI-EN-476 WI-EN-477 WI-EN-039 WI-MA-003 WI-EN-011 WI-EN-010

Unit/System Tested	Type of Activity	Test Method
Gaming Software (continued): <ul style="list-style-type: none"> <li>• Main Programs</li> <li>• Personality (Data) Programs</li> <li>• Associated Software Programs</li> </ul>	<ul style="list-style-type: none"> <li>• Payout Table Verification/Emulation</li> <li>• Peripheral Device Functionality Testing</li> <li>• Progressive Functionality Testing</li> <li>• Random Number Generator (RNG) Analysis</li> <li>• Random Number Generator (RNG) Verification</li> <li>• Reel Strip Verification</li> <li>• Regulatory Compliance Testing</li> <li>• Source Code Verification</li> <li>• Electronic Game Math Analysis</li> </ul>	WI-EN-013 WI-EN-473 WI-EN-102 WI-MA-006  WI-EN-014  WI-EN-012 PC-TC-001 WI-EN-052 WI-MA-002
Monitoring, Accounting & Control Systems <ul style="list-style-type: none"> <li>• Gaming</li> <li>• Lottery</li> <li>• Bingo</li> <li>• Progressive</li> <li>• Server Based</li> <li>• Player Tracking</li> </ul>	Functionality Testing and General Security <ul style="list-style-type: none"> <li>• Accounting Accuracy Verification</li> <li>• Communication (Protocol) Testing</li> <li>• Error/Fault Handling Verification</li> <li>• File Access</li> <li>• Event Verification</li> <li>• Systems Code Compilation &amp; Comparison</li> <li>• Host to Intermediate Unit</li> <li>• Intermediate Unit to Machine Interface</li> <li>• Gaming Equipment to Progressive Unit</li> <li>• Physical Security</li> <li>• Reporting</li> </ul> Game Interoperability Testing Cashless Transaction Testing Promotional Feature Testing Bonus Feature Testing	WI-EN-005         WI-EN-107 WI-EN-100 WI-EN-100 WI-EN-100
Gaming Standards Association (GSA) Certification Program  Specific testing requirements for: <ul style="list-style-type: none"> <li>• Gaming Devices</li> <li>• Gaming Systems</li> <li>• Gaming Applications</li> <li>• Client/Host</li> <li>• Gaming Peripherals</li> </ul>	G2S Protocol (Host) G2S Protocol (EGM) S2S Protocol Transport Protocols GAT Protocol GDS Protocol	WI-EN-115 WI-EN-116 WI-EN-117 WI-EN-118 WI-EN-246 WI-EN-338

Unit/System Tested	Type of Activity	Test Method
Interactive/Internet Gaming Products and Systems (iGaming)	Game Evaluation: <ul style="list-style-type: none"> <li>• Supervised Build and Install</li> <li>• Source Code Verification</li> <li>• Artwork (Graphical and Auditory Interface) Verification</li> <li>• Functionality Testing</li> <li>• Game Specific Aspects Verification</li> <li>• Accounting Verification</li> <li>• Integration Testing</li> </ul>	WIP 24
	Gaming Platform Evaluation: <ul style="list-style-type: none"> <li>• Player / User Account Systems Verification</li> <li>• Application Home Page Verification</li> <li>• Data Logging</li> </ul>	WIP 33

The accreditation covers testing of gaming equipment (e.g. slot machines, video lottery terminals, table games, multi station games and peripheral devices) for compliance to the requirements of jurisdictions whose governments regulate gambling through the implementation of rules, regulations and technical standards. Gaming equipment includes but is not limited to the Unit/System Tested listed above.

The testing includes but is not limited to the activity listed above and additional tests requested by the government agencies, tribal agencies and jurisdictions, as well as gaming equipment manufactures under certain circumstances.

The laboratory and all test methods listed on this scope of accreditation comply with the UK Gambling Commission Requirements for the appointment of Approved Test Houses Issue 1, February 2020.



## Accredited Laboratory

A2LA has accredited

**GAMING LABORATORIES INTERNATIONAL, LLC**

*Wheat Ridge, CO*

for technical competence in the field of

**Information Technology Testing**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets the requirements of any additional program requirements in the Information Technology field. 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 April 2017).



Presented this 23<sup>rd</sup> day of February 2022.

A blue ink signature of a person, likely a representative of the Accreditation Council.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 2428.04  
Valid to March 31, 2024

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



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

GAMING LABORATORIES INTERNATIONAL, LLC  
7160 Amigo St.  
Las Vegas, NV 89119  
Mark Mensik Phone: 732 942 3999

INFORMATION TECHNOLOGY

Valid To: March 31, 2024

Certificate Number: 2428.03

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 or types of tests on Electronic Gaming Devices & Systems:

Unit/System Tested	Type of Activity	Test Method
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	Leakage Current Measurement	NGCB - TEST CASE 1.110.2
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Gaming Software: <ul style="list-style-type: none"><li>• Main Programs</li><li>• Personality (Data) Programs</li><li>• Associated Software Programs</li></ul>	Gaming Software Functionality Testing <ul style="list-style-type: none"><li>• Accounting Accuracy Verification</li><li>• Communication (Protocol) Testing</li><li>• Error/Event Handling Verification</li><li>• Game Cycle Time Measurement</li><li>• Modification Validation</li><li>• Pay Glass/Help Screen Verification</li></ul>	WI-EN-023 WI-EN-476 WI-EN-477 WI-EN-039 WI-EN-011 WI-EN-010

Unit/System Tested	Type of Activity	Test Method
Gaming Software (continued): <ul style="list-style-type: none"> <li>• Main Programs</li> <li>• Personality (Data) Programs</li> <li>• Associated Software Programs</li> </ul>	<ul style="list-style-type: none"> <li>• Payout Table Verification/Emulation</li> <li>• Peripheral Device Functionality Testing</li> <li>• Progressive Functionality Testing</li> <li>• Random Number Generator (RNG) Analysis</li> <li>• Random Number Generator (RNG) Verification</li> <li>• Reel Strip Verification</li> <li>• Regulatory Compliance Testing</li> <li>• Source Code Verification</li> <li>• Electronic Game Math Analysis</li> </ul>	WI-EN-013 WI-EN-473 WI-EN-102 WI-MA-006  WI-EN-014  WI-EN-012 PC-TC-001 WI-EN-052 WI-MA-002
Monitoring, Accounting & Control Systems <ul style="list-style-type: none"> <li>• Gaming</li> <li>• Lottery</li> <li>• Bingo</li> <li>• Progressive</li> <li>• Server Based</li> <li>• Player Tracking</li> </ul>	Functionality Testing and General Security <ul style="list-style-type: none"> <li>• Accounting Accuracy Verification</li> <li>• Communication (Protocol) Testing</li> <li>• Error/Fault Handling Verification</li> <li>• File Access</li> <li>• Event Verification</li> <li>• Systems Code Compilation &amp; Comparison</li> <li>• Host to Intermediate Unit</li> <li>• Intermediate Unit to Machine Interface</li> <li>• Gaming Equipment to Progressive Unit</li> <li>• Physical Security</li> <li>• Reporting</li> </ul> Game Interoperability Testing Cashless Transaction Testing Promotional Feature Testing Bonus Feature Testing	WI-EN-005          WI-EN-107 WI-EN-100 WI-EN-100 WI-EN-100
Gaming Standards Association (GSA) Certification Program  Specific testing requirements for: <ul style="list-style-type: none"> <li>• Gaming Devices</li> <li>• Gaming Systems</li> <li>• Gaming Applications</li> <li>• Client/Host</li> <li>• Gaming Peripherals</li> </ul>	G2S Protocol (Host) G2S Protocol (EGM) S2S Protocol Transport Protocols GAT Protocol	WI-EN-115 WI-EN-116 WI-EN-117 WI-EN-118 WI-EN-246

Unit/System Tested	Type of Activity	Test Method
Interactive/Internet Gaming Products and Systems (iGaming)	Game Evaluation: <ul style="list-style-type: none"> <li>• Supervised Build and Install</li> <li>• Source Code Verification</li> <li>• Artwork (Graphical and Auditory Interface) Verification</li> <li>• Functionality Testing</li> <li>• Game Specific Aspects Verification</li> <li>• Accounting Verification</li> <li>• Integration Testing</li> </ul>	WIP 24
	Gaming Platform Evaluation: <ul style="list-style-type: none"> <li>• Player / User Account Systems Verification</li> <li>• Application Home Page Verification</li> <li>• Data Logging</li> </ul>	WIP 33

The accreditation covers testing of gaming equipment (e.g. slot machines, video lottery terminals, table games, multi station games and peripheral devices) for compliance to the requirements of jurisdictions whose governments regulate gambling through the implementation of rules, regulations and technical standards. Gaming equipment includes but is not limited to the Unit/System Tested listed above.

The testing includes but is not limited to the activity listed above and additional tests requested by the government agencies, tribal agencies and jurisdictions, as well as gaming equipment manufactures under certain circumstances.

The laboratory and all test methods listed on this scope of accreditation comply with the UK Gambling Commission Requirements for the appointment of Approved Test Houses Issue 1, February 2020.



## Accredited Laboratory

A2LA has accredited

**GAMING LABORATORIES INTERNATIONAL, LLC**

*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 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets the requirements of any additional program requirements in the Information Technology field. 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 April 2017).



Presented this 17<sup>th</sup> day of March 2022.

A blue ink signature of a person, likely the Vice President of Accreditation Services, written over a horizontal line.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 2428.03  
Valid to March 31, 2024

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



SCOPE OF ACCREDITATION TO ISO/IEC 17020:2012

GAMING LABORATORIES INTERNATIONAL, LLC.

600 Airport Road  
Lakewood, NJ 08701

Mark Mensik Phone: 732 942 3999

INSPECTION BODY

Valid To: March 31, 2024

Certificate Number: 2428.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this Type A (Third Party) inspection body for the following Software and Hardware inspections on Electronic Gaming Devices & Systems:

Description of Inspections (including the Types of Items Inspected)	Type and Range of Inspections <sup>1</sup>	Methods and Procedures
Gaming Equipment: Hardware Including Kiosk	<ul style="list-style-type: none"><li>• Ticket/Voucher Testing (TITO)</li><li>• Additional tests based on jurisdictional requirements, or specific functionality of the equipment under test</li></ul>	PC-FI-001
Gaming Equipment: Software Including Kiosk	<ul style="list-style-type: none"><li>• Software Verification</li><li>• Communication to System Verification/On-line Verification</li><li>• Media Verification</li><li>• Additional tests based on jurisdictional requirements, or specific functionality of the equipment under test</li></ul>	PC-FI-001
System (Gaming or Lottery)	<ul style="list-style-type: none"><li>• System Verification</li><li>• Communication Testing</li><li>• Verification of System Reports</li><li>• Additional tests based on jurisdictional requirements, or specific functionality of the equipment under test</li></ul>	PC-FI-001

<sup>1</sup> The accreditation covers field-inspections of gaming and lottery equipment for compliance to the requirements of jurisdictions whose governments regulate gambling through the implementation of rules, regulations, and technical standards.

The types and ranges of inspections include but are not limited to the types of activity listed above and additional inspections requested by the government agencies, tribal agencies and jurisdictions, as well as gaming equipment manufactures under certain circumstances.



## Accredited Inspection Body

A2LA has accredited

**GAMING LABORATORIES INTERNATIONAL, LLC**

*Lakewood, NJ*

*for technical competence in and compliance with the*

### Inspection Body Accreditation Program

This inspection body is accredited in accordance with the recognized International Standard ISO/IEC 17020:2012 *Conformity Assessment – Requirements for the operation of various types of bodies performing inspection*. This accreditation demonstrates technical competence for a defined scope and the operation of a quality management system.

Presented this 23<sup>rd</sup> day of February 2022.

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

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 2428.02  
Valid to March 31, 2024





SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

GAMING LABORATORIES INTERNATIONAL, LLC.

600 Airport Road

Lakewood, NJ 08701

Mark Mensik Phone: 732 942 3999

INFORMATION TECHNOLOGY

Valid To: March 31, 2024

Certificate Number: 2428.01

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 or types of tests on Electronic Gaming Devices & Systems:

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Unit/System Tested	Type of Activity	Test Method
Interactive/Internet Gaming Products and Systems (iGaming)	Game Evaluation: <ul style="list-style-type: none"> <li>• Supervised Build and Install</li> <li>• Source Code Verification</li> <li>• Artwork (Graphical and Auditory Interface) Verification</li> <li>• Functionality Testing</li> <li>• Game Specific Aspects Verification</li> <li>• Accounting Verification</li> <li>• Integration Testing</li> </ul>	WIP 24
	Gaming Platform Evaluation: <ul style="list-style-type: none"> <li>• Player/User Account Systems Verification</li> <li>• Application Home Page Verification</li> <li>• Data Logging</li> </ul>	WIP 33

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The types of testing include but is not limited to the types of activity listed above and additional tests requested by the government agencies, tribal agencies and jurisdictions, as well as gaming equipment manufactures under certain circumstances.

The laboratory and all test methods listed on this scope of accreditation comply with the UK Gambling Commission Requirements for the appointment of Approved Test Houses Issue 1, February 2020.



## Accredited Laboratory

A2LA has accredited

**GAMING LABORATORIES INTERNATIONAL, LLC**

*Lakewood, NJ*

for technical competence in the field of

### Information Technology Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets the requirements of any additional program requirements in the Information Technology field. 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 April 2017).



Presented this 23<sup>rd</sup> day of February 2022.

A blue ink signature of a person, likely the Vice President of Accreditation Services, written over a horizontal line.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 2428.01  
Valid to March 31, 2024

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



SCOPE OF ACCREDITATION TO ISO/IEC 17065:2012

GAMING LABORATORIES INTERNATIONAL, LLC

600 Airport Road

Lakewood, NJ 08701

Mark Mensik Phone: 732-942-3999

PRODUCT CERTIFICATION BODY

Valid to: March 31, 2024

Certificate Number: 2428.05

In recognition of the successful completion of the A2LA Product Certification Body Accreditation Program evaluation process, accreditation is granted to this organization to perform the following certifications relating to the gaming industry:

<u>Certification Scheme</u>	<u>Product Type/Category</u>	<u>Standards/Requirements</u>
<i>GLI Product Certification Scheme (PC-QS-011)<sup>1,2</sup></i>	Gaming Equipment Hardware & Software	GLI-11 (Gaming Devices) GLI-12 (Progressive Gaming Devices in Casinos) GLI-13 (On-Line Monitoring and Control Systems (MCS) and Validation Systems in Casinos) GLI-15 (Electronic Bingo and Keno Systems) GLI-16 (Cashless Systems in Casinos) GLI-17 (Bonusing Systems in Casinos) GLI-18 (Promotional Systems in Casinos) GLI-20 (Redemption Kiosks) GLI-21 (Client-Server Systems) GLI-23 (Video Lottery Terminals) GLI-24 (Electronic Table Game Systems) GLI-25 (Dealer Controlled Electronic Table Games) GLI-26 (Wireless Systems) GLI-29 (Card Shufflers and Dealer Shoes)
	Systems <ul style="list-style-type: none"><li>Gaming</li><li>Lottery</li><li>Monitoring, Accounting and Control Systems</li></ul>	GLI-13 (On-Line Monitoring and Control Systems (MCS) and Validation Systems in Casinos) GLI-14 (Finite Scratch Ticket and Pull-Tab Systems) GLI-15 (Electronic Bingo and Keno Systems) GLI-16 (Cashless Systems in Casinos) GLI-17 (Bonusing Systems in Casinos) GLI-18 (Promotional Systems in Casinos) GLI-20 (Redemption Kiosks) GLI-21 (Client-Server Systems) GLI-24 (Electronic Table Game Systems) GLI-25 (Dealer Controlled Electronic Table Games) GLI-26 (Wireless Systems) GLI-28 (Player User Interface Systems) GLI-29 (Card Shufflers and Dealer Shoes) GLI-31 (Electronic Raffle Systems) GLI-33 (Event Wagering Systems)

(A2LA Cert. No. 2428.05) Revised 06/02/2022

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<b><u>Certification Scheme</u></b>	<b><u>Product Type/Category</u></b>	<b><u>Standards/Requirements</u></b>
<i>GLI Product Certification Scheme (PC-QS-011)<sup>1,2</sup></i>	Interactive Gaming Systems Software: <ul style="list-style-type: none"> <li>• Game Evaluation</li> <li>• Gaming Platform Evaluation</li> </ul>	GLI-19 (Interactive Gaming Systems) GLI-33 (Event Wagering Systems)
	Peripheral Devices (e.g. Pay In/Pay Out Devices)	GLI-11 (Gaming Devices) GLI-14 (Finite Scratch Ticket and Pull-Tab Systems) GLI-15 (Electronic Bingo and Keno Systems) GLI-20 (Redemption Kiosks) GLI-21 (Client-Server Systems) GLI-23 (Video Lottery Terminals) GLI-26 (Wireless Systems) GLI-29 (Card Shufflers and Dealer Shoes) GLI-31 (Electronic Raffle Systems)

<sup>1</sup> The aforementioned certification scheme also includes jurisdictional requests which will define specific requirements/standards/specifications used in conjunction with the GLI Product Certification Scheme (PC-QS-011).

<sup>2</sup> Alcohol and Gaming Commission of Ontario (AGCO) Registrar's Standards for Internet Gaming.



# Accredited Product Certification Body

A2LA has accredited

**GAMING LABORATORIES INTERNATIONAL, LLC**

*Lakewood, NJ*

This product certification body is accredited in accordance with the recognized International Standard ISO/IEC 17065:2012 *Requirements for bodies certifying products, processes and services*. This accreditation demonstrates technical competence for a defined scope and the operation of a management system.

Presented this 23<sup>rd</sup> day of February 2022.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 2428.05  
Valid to March 31, 2024  
Revised June 2, 2022

