



Liquor and Gaming
Authority of Manitoba

GAMING INTEGRITY QUALITY ASSURANCE TEST

ROULETTE WHEEL

Quality Assurance Test Date	
Premises' Name	
Tester's Name and Title	

Supplier	
Manufacturer	
Purchase Order #	
Packing Slip #	
Description (including colour)	

General Specifications

Gaming supplies purchased by the Manitoba Liquor and Lotteries Corporation (MLLC) or a gaming operator for use in a lottery scheme must meet the Liquor and Gaming Authority of Manitoba (LGA) gaming integrity standards. Quality assurance (QA) inspection testing ensures gaming supplies meet these standards. QA testing is to be conducted and the successful test, design schematic (when applicable) and packing slip are to be submitted in support of the Gaming Integrity Approval Application.

All issues, manufacturing defects or imperfections discovered during the inspection must be documented. The MLLC and/or gaming operator must contact the gaming supplier if any issues, concerns or discrepancies arise at any time during the inspection of a shipment or whenever gaming supplies are received that do not meet the applicable standard.

To ensure gaming supplies maintain compliance with the LGA Terms and Conditions, QA testing must be conducted on all reorders and shipments received. A copy of the QA test is to be supplied to the LGA for all subsequent shipments received, upon request.

All gaming supplies that pass QA testing must be marked to identify that they have met the applicable standards. Refer to the definitions provided within the standards.

Documents Required

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| MLLC Purchase Order | LGA Gaming Integrity Standards |
| Design Schematic (if applicable) | LGA Gaming Integrity Terms & Conditions |
| Supplier's Packing Slip | |

Quality Assurance Testing Criteria

Distribution/Packaging	Pass	Fail	N/A
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1. There were no visible signs of tampering.
2. The correct amount were shipped when compared to the amount listed on the purchase order and the packing slip.

Construction Standards

The following tests must be conducted on **each roulette wheel** received. These tests do not test for operational performance criteria or compatibility with other gaming supplies.

3. The roulette wheel is constructed entirely of non-metallic substances.
4. All non-moving parts of the roulette wheel are secure and free from movement.
5. The manufacturer's name, logo or identifying mark is on the roulette wheel.
6. The manufacturer's UMI# (serial number) is placed on the roulette wheel's bowl and wheel head.
Specify UMI#:
7. The premises name or logo may be imprinted or affixed upon each roulette wheel head. Indicate pass if present.
8. The cylinder/wheel head moves freely within the wheel housing.
9. The circumference of the cylinder is not less than 30 inches.
10. The weight of the wheel head is equally distributed on the rotor. Wheel movement is level and unbiased.
11. The wheel head's outer edge is level, flush to the bowl rim and meets the manufacturer's acceptable clearances.
12. The wheel head can be changed easily, without removing the rotor.
13. The rotor and spindle/turret is designed to prevent intentional wheel bias.
14. The roulette wheel contains a minimum of 8 canoe stops along the ball track.
15. The canoe stops are a double elliptical shape and made of a non-metallic material.
16. Each canoe stop is identical. They are fixed to the ball track in an alternating horizontal/vertical pattern.

17. The clockwise order of numbers and background colours on the wheel is:

Double-zero wheels

0 Green, 28 Black, 9 Red, 26 Black, 30 Red, 11 Black, 7 Red, 20 Black, 32 Red, 17 Black, 5 Red, 22 Black, 34 Red, 15 Black, 3 Red, 24 Black, 36 Red, 13 Black, 1 Red, 00 Green, 27 Red, 10 Black, 25 Red, 29 Black, 12 Red, 8 Black, 19 Red, 31 Black, 18 Red, 6 Black, 21 Red, 33 Black, 16 Red, 4 Black, 23 Red, 35 Black, 14 Red, 2 Black

Single-zero wheels

0 Green, 32 Red, 15 Black, 19 Red, 4 Black, 21 Red, 2 Black, 25 Red, 17 Black, 34 Red, 6 Black, 27 Red, 13 Black, 36 Red, 11 Black, 30 Red, 8 Black, 23 Red, 10 Black, 5 Red, 24 Black, 16 Red, 33 Black 1 Red, 20 Black, 14 Red, 31 Black, 9 Red, 22 Black, 18 Red, 29 Black, 7 Red, 28 Black, 12 Red, 35 Black 3 Red, 26 Black

- 18. The colour of each compartment either corresponds to that depicted on the ring or is a neutral color.
- 19. Each compartment on a **scalloped ring** is identical to all other compartments on the ring. Compartments are equally spaced in an elliptical shape. A ball can land and rest on each pad.
- 20. Each compartment on a **fretted ring** is identical to all other compartments on the ring. Compartments are equally spaced in an elliptical shape. Frets cannot be individually raised or lowered. A ball can land and rest on each pad.
- 21. The surface of the ball track/race has a perfectly smooth finish.

Inventory	Pass	Fail	N/A
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- 22. The serial number for the incoming roulette wheel does not exist within current inventory
- 23. The amount being recorded into inventory matches the actual amount shipped and accepted for gaming use

Provide additional comments for each item that fails and/or where the test is not applicable to the gaming supplies received:

Test # Comment

Retain each QA testing checklist along with a copy of the design schematic (if applicable) and the packing slip. The LGA may request the QA testing performed on subsequent shipments.

Each roulette wheel received in the shipment must have no defects or imperfections. When gaming supplies are received and fail QA testing based upon the standards, or does not adhere to the Gaming Integrity approval, it is the responsibility of the purchaser to have the issues corrected with the gaming supplier. Gaming supplies with defects or imperfections must not be offered for play.

MLLC/Gaming Operator Signature

Title

Printed Name

Date