

**Assurance Statement related to  
GHG Assertion 2016  
prepared for Las Vegas Sands Corp.**

**Terms of Engagement**

This Assurance Statement has been prepared for Las Vegas Sands Corp.

Lloyd's Register Quality Assurance Inc. (LRQA) was commissioned by Las Vegas Sands Corp. (LVS) to assure its GHG Assertion for the calendar year 2016, (hereafter referred to as "the Assertion").

The Assertion relates to direct GHG emissions (Scope 1), energy indirect GHG emissions (Scope 2) and other indirect GHG emissions (Scope 3) from waste generation.

**Management Responsibility**

The management of LVS was responsible for preparing the Assertion and for maintaining effective internal controls over the data and information disclosed. LRQA's responsibility was to carry out an assurance engagement on the Assertion in accordance with our contract with LVS.

Ultimately, the Assertion has been approved by, and remains the responsibility of LVS.

**LRQA's Approach**

Our verification has been conducted in accordance with ISO 14064-3:2006, '*Specification with guidance for validation and verification of greenhouse gas assertions*' to provide limited assurance that GHG data as presented in the Assertion have been prepared in conformance with the World Resources Institute/World Business Council for Sustainable Development (WRI/WBCSD) GHG Protocol: *A Corporate Accounting and Reporting Standard*.

To form our conclusions the assurance engagement was undertaken as a sampling exercise and covered the following activities:

- reviewed processes related to the control of GHG emissions data and records;
- interviewed relevant staff of the organization responsible for managing GHG emissions data and records; and
- verified historical GHG emissions data and records at an aggregated level for the calendar year 2016.

**Level of Assurance & Materiality**

The opinion expressed in this Assurance Statement has been formed on the basis of a limited level of assurance and at a materiality of the professional judgment of the Verifier.

**LRQA's Opinion**

Based on LRQA's approach nothing has come to our attention that would cause us to believe that the total Scope 1, Scope 2 and Scope 3 GHG emissions disclosed in the Assertion, as summarized in Table 1 below, are not materially correct and that the Assertion has not been prepared in conformance with WRI/WBCSD GHG Protocol.



**LRQA's Recommendations**

Whilst LVS have implemented the WRI/WBCSD GHG Protocol Scope 2 Guidance, the company should continue working towards obtaining market-based emission factors of higher precision.

Signed

Dated: April 21, 2017

LRQA Lead Verifier  
On behalf of  
Lloyd's Register Quality Assurance Inc.  
1330 Enclave Parkway, Suite 200  
Houston, TX 77077

LRQA reference number: RMA 10249A

**Table 1. Summary of Las Vegas Sands Corp., GHG Assertion 2016**

| Scope of GHG emissions   | Tonnes CO <sub>2</sub> e |
|--|--------------------------|
| Scope 1 GHG emissions  | 254,062                  |
| Scope 2 GHG emissions (Location-based)   | 799,732                  |
| Scope 2 GHG emissions (Market-based)   | 799,732                  |
| Scope 3 GHG emissions from waste generation  | 38,951                   |
| Note 1: Scope 2, Location-based and Scope 2, Market-based are defined in the GHG Protocol Scope 2 Guidance, 2015 |                          |

This Assurance Statement is subject to the provisions of this legal section:

This Assurance Statement is only valid when published with a summary of the GHG Emissions Inventory, or the entire GHG Performance Assertion to which it refers. It may only be reproduced in its entirety.

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