

**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.

Lloyd's Register Group Limited, its affiliates and subsidiaries, including LRQA, Inc., and their respective officers, employees or agents are, individually and collectively, referred to in this Legal Section as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

The English version of this Assurance Statement is the only valid version. Lloyd's Register assumes no responsibility for versions translated into other languages. In the case of any conflict between the English and any other language versions of this Legal Section, the English version shall prevail.