

Third-Party Assurance

Canon has received third-party assurance from Lloyd's Register Quality Assurance Limited (LRQA) for GHG emissions, energy consumption and water consumption data within Canon Sustainability Report 2019 for the year 2018.



LRQA Independent Assurance Statement Relating to CANON Group's GHG Emissions, Energy Consumption and Water Consumption Data within CANON Sustainability Report 2019 for the calendar year 2018

This Assurance Statement has been prepared for CANON INC in accordance with our contract but is intended for the readers of this Report.

Terms of engagement

Lloyd's Register Quality Assurance (LRQA) was commissioned by CANON INC ("the Company") to provide independent assurance on its GHG Emissions, Energy Consumption and Water Consumption Data for the calendar Year 2018 within CANON Sustainability Report 2019 ("the Report"), that is, from 1 January 2018 to 31 December 2018, against the assurance criteria below to a limited level of assurance and at the materiality of the professional judgement of the verifier using ISO 14064-3:2006, 'Specification with guidance for validation and verification of greenhouse gas assertions' and the LRQA's verification procedure for energy consumption and water consumption. LRQA's verification procedure is in accordance with ISAE3000.

Our assurance engagement covered the Company's operations and activities in Japan and overseas and specifically the following requirements:

- Reviewing conformance with the Company's reporting methodologies
- Verifying GHG emissions as presented in the Report have been prepared in conformance with ISO14064-1:2006, 'Specification with guidance at the organizational level for quantification and reporting of greenhouse gas emissions and removals', and taking into account Greenhouse Gas Protocol, 'Corporate Value Chain (Scope 3) Accounting and Reporting Standard'; and
- Evaluating the accuracy and reliability of data for the selected environmental indicators listed below:¹
 - Scope 1 GHG emissions (tonnes CO₂e)
 - Scope 2 GHG emissions, market based and location based (tonnes CO₂e)
 - Scope 3 GHG emissions associated with Categories 1 to 15 (tonnes CO₂e)
 - Energy consumption (TJ)
 - Water consumption (m³)

Our assurance engagement excluded the data and information of the Company's suppliers, contractors and any third-parties.

LRQA's responsibility is only to the Company. LRQA disclaims any liability or responsibility to others as explained in the end footnote. The Company's responsibility is for collecting, aggregating, analysing and presenting all the data and information within the Report and for maintaining effective internal controls over the systems from which the report is derived. Ultimately, the report has been approved by, and remains the responsibility of the Company.

LRQA's Opinion

Based on LRQA's approach nothing has come to our attention that would cause us to believe that the Company has not, in all material respects:

- Met the requirements above
- Disclosed accurate and reliable performance data as no errors or omissions were detected

The opinion expressed is formed on the basis of a limited level of assurance and at the materiality of the professional judgement of the verifier.

Note: The extent of evidence-gathering for a limited assurance engagement is less than for a reasonable assurance engagement. Limited assurance engagements focus on aggregated data rather than physically checking source data at sites. Consequently, the level of assurance obtained in a limited assurance engagement is substantially lower than the assurance that would have been obtained had a reasonable assurance engagement been performed.

¹ GHG quantification is subject to inherent uncertainty.



LRQA's approach

LRQA's assurance engagements are carried out in accordance with our verification procedure and ISO 14064 - Part 3. The following tasks though were undertaken as part of the evidence gathering process for this assurance engagement:

- Auditing the Company's data management systems to confirm that there were no significant errors, omissions or mis-statements in the Report. We did this by reviewing the effectiveness of data handling procedures, instructions and systems, including those for internal verification.
- Interviewing with key people responsible for compiling the data and drafting the report.
- Sampling datasets and tracing activity data back to aggregated levels.
- Verifying the historical GHG emissions, energy consumption and water consumption data and records for the calendar year 2018.
- Visiting CANON INC.'s head office in Tokyo, Hiratsuka plant in Kanagawa Prefecture, Japan and CANON HI-TECH (THAILAND) LTD. in Thailand to investigate whether the data management systems have been effectively implemented.

Observations

The Company should continue efforts for implementing quality assurance and quality control (QA/QC) systems for the GHG emissions, energy consumption and water consumption data management. This is particular to ensure effective internal verification processes at both the corporate and member company levels.

LRQA's standards, competence and independence

LRQA implements and maintains a comprehensive management system that meets accreditation requirements for ISO 14065 *Greenhouse gases – Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition* and ISO/IEC 17021 *Conformity assessment – Requirements for bodies providing audit and certification of management systems* that are at least as demanding as the requirements of the International Standard on Quality Control 1 and comply with the *Code of Ethics for Professional Accountants* issued by the International Ethics Standards Board for Accountants.

LRQA ensures the selection of appropriately qualified individuals based on their qualifications, training and experience. The outcome of all verification and certification assessments is then internally reviewed by senior management to ensure that the approach applied is rigorous and transparent.

LRQA is the Company's certification body for ISO 9001 and System Certification of Carbon Footprint Communication Program. The verification and certification assessments are the only work undertaken by LRQA for the Company and as such do not compromise our independence or impartiality.

Signed

Dated: 13 March 2019

Takahiro Iio
LRQA Lead Verifier
On behalf of Lloyd's Register Quality Assurance Limited
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LRQA reference: YKA4005113

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