

Independent Assurance Statement Related to Environmental Data

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LR Independent Assurance Statement Relating to Olympus Corporation's Environmental Data within its CSR Data Book 2019 for the fiscal year 2018

This Assurance Statement has been prepared for Olympus Corporation in accordance with our contract but is intended for the readers of this report.

Terms of engagement

Lloyd's Register Quality Assurance Limited (LR) was commissioned by Olympus Corporation ("the Company") to provide independent assurance on its environmental data within its CSR Data Book 2019 ("the report") for the fiscal year 2018, that is, from 1 April 2018 to 31 March 2019, against the assurance criteria below to a limited level of assurance and at the materiality of the professional judgement of the verifier using ISAE 3000 and ISO 14064-3 for greenhouse gas ("GHG") data.

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

- Verifying conformance with the Company's reporting methodologies
- Evaluating the accuracy and reliability of data for the selected indicators listed below: ¹

GHG Emission data ²

- Energy consumption (in mega watt-hour equivalent)
- Scope 1 GHG emissions (tonnes CO₂e)
- Scope 2 GHG emissions (Market-based) (tonnes CO₂)
- Scope 3 GHG emissions (Category 2-8, 12, 15) (tonnes CO₂e)

Other environmental data

- Water consumption volume (m³)
- Total waste generated (tonnes)

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

LR's responsibility is only to the Company. LR 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.

LR's Opinion

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

- Met the requirements above
- Disclosed accurate and reliable performance data

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 LR undertook a limited assurance engagement of the environmental data marked with ★ within the CSR Data Book 2019.

² GHG quantification is subject to inherent uncertainty.

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LR's approach

LR's assurance engagements are carried out in accordance with ISAE 3000 and ISO 14064 – 3 for GHG data. 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 and other environmental data and records for the fiscal year 2018; and
- Visiting Aizu factory of Aizu Olympus Co., Ltd. and Ishikawa Facility of Olympus Corporation to assess whether the data management systems have been effectively implemented.

Observations

The company should make further efforts to improve the accuracy of reported parameters measured on their own usage through formalisation of measurement equipment handling and control rules.

LR's standards, competence and independence

LR 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 17021-1 *Conformity assessment – Requirements for bodies providing audit and certification of management systems – Part 1: Requirements* 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.

LR 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.

This is the only work undertaken by LR for Company and as such does not compromise our independence or impartiality.

Signed

Dated: 26 June 2019

A handwritten signature in black ink that reads 'Koji Tagami'.

Koji Tagami

LR Lead Verifier

On behalf of Lloyd's Register Quality Assurance Limited

10th Floor, Queen's Tower A, 2-3-1 Minatomirai, Nishi-ku, Yokohama, JAPAN

LR reference: YKA4005278

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