

LR Independent Assurance Statement

Relating to Asahi Group Holdings, Ltd.'s Environmental Data within its Integrated report 2018 for the Calendar Year 2018

This Assurance Statement has been prepared for Asahi Group Holdings, Ltd.'s 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 Asahi Group Holdings, Ltd. ("the Company") to provide independent assurance on its environmental data within its Integrated Report 2018 ("the Report") for the calendar 2018, that is, from 1 January 2018 to 31 December 2018, against the assurance criteria below to a limited level of assurance and professional judgement of the verifier using ISAE3000, 'Assurance Engagements Other than Audits or Reviews of Historical Financial Information' and ISO14064-3:2006, 'Specification with guidance for validation and verification of greenhouse gas assertions'.

Our assurance engagement covered the Company's operations and activities and its consolidated subsidiaries in Japan and overseas and specifically the following requirements^{1,2}:

- Verifying conformance with the Company's reporting methodologies
- Evaluating the accuracy and reliability of data and for only the selected indicators³ listed below:
 - Scope1⁴, Scope 2 and Scope3 (GHG) emissions in tonnes CO₂
 - Total energy consumption (Electricity, Heat, Fuel) in MWh
 - Total volume of water consumption (City water, Industrial water, Ground water, River water, Rainwater) in cubic meter⁵
 - Total volume of water drainage (Sewer, Sea, River, Lake) in cubic meter⁶

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 the Company has not, in all material respects:

- Met the requirements above
- Disclosed accurate and reliable environmental data and information

The opinion expressed is formed on the bases 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 Australia, New Zealand, United Kingdom, Italy, Netherlands, Poland, Czech Republic, Slovakia, Hungary and Romania.

² Scope 3 targets Japanese businesses of Asahi Breweries Ltd. and Asahi Beverage Co., Ltd. Category 8, 10, 13, 14 and 15 are excluded

³ GHG quantification is subject to inherent uncertainty.

⁴ The methane data in Scope 1 are calculated based on actual gas engine usage and drainage volume in 2018, BOD concentration in January-March 2018, and 2017 in April-December.

⁵ The water resource input and drainage of heat utilization by heat exchange are calculated as separate items (628,179 m³) and are not included in the water resource input and drainage volume.

⁶ Albury's drainage volume is calculated by subtracting the production volume from the water resource input (City water).

LR's approach

LR's assurance engagements are carried out in accordance with IASE3000 and ISO14064-3. 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 those key people responsible for compiling the data and drafting the Report.
- Sampling datasets and traced activity data back to aggregated levels;
- Verifying the CY2018 data and records associated with GHG emissions, total energy consumption, total volume of water consumption, and Total volume of water drainage; and
- Visiting the Fujisan plant of Asahi soft drink Co., Ltd., and the Shikoku plant of Asahi Breweries, Ltd., in Japan, and the head office of the Asahi Group Holdings, Ltd. to investigate whether the data management systems have been effectively implemented.

Observations

Further observations and findings, made during the assurance engagement, are:

The Company should further demonstrate the accuracy and reliability of its future reports. In particular, it is recommended to clarify the quality control method for in-house flow meter management of water resource input and discharge volume. We expect to establish a system to manage the scope of internal data and reporting for data from overseas sites.

LR's standards, competence and independence

LR implements and maintains a comprehensive management system that meets accreditation requirements for ISO14065 *Greenhouse gases – Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition* and ISO/IEC17021 *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.

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



Saeko Shimizu
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, Kanagawa, Japan

Dated: 10 May 2019

LR reference: YKA4005296

Lloyd's Register Group Limited, its affiliates and subsidiaries, including Lloyd's Register Quality Assurance Limited (LRQA), and their respective officers, employees or agents are, individually and collectively, referred to in this clause 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 Group Limited assumes no responsibility for versions translated into other languages.

This Assurance Statement is only valid when published with the Report to which it refers. It may only be reproduced in its entirety.

Copyright © Lloyd's Register Quality Assurance Limited, 2019. A member of the Lloyd's Register Group.