

MOLSON COORS BREWING COMPANY

Independent  
Assurance of Molson  
Coors Brewing  
Company's  
Environmental, Health  
and Safety  
Performance Data  
2017

**ISAE 3000 Statement**

June 20, 2018

# Independent Assurance Statement of Molson Coors Brewing Company's Environmental, Health, and Safety Data 2017

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## The nature of the assurance

This is a report by Corporate Citizenship for the Corporate Responsibility team at Molson Coors Brewing Company (MCBC).

Corporate Citizenship has undertaken **limited** assurance of selected environmental, health and safety performance data, as described below:

Scope	Quantity	Unit
Total energy use	13,727,705,597	MJ
Total water usage	377,155	Khl
Total waste disposals from major manufacturing facilities <sup>1</sup>	1,116,943	Tonnes
Waste to landfill from major manufacturing facilities <sup>1</sup>	2,252	Tonnes
Scope 1 greenhouse gas emissions	448,040	tCO <sub>2</sub> e
Scope 2 greenhouse gas emissions (location based)	679,251	tCO <sub>2</sub> e
Scope 2 greenhouse gas emissions (market based)	692,047	tCO <sub>2</sub> e

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<sup>1</sup> In 2016, MCBC included data from offices in the total waste figures. In 2017, MCBC collected waste data solely from major manufacturing facilities (defined as facilities with > 75 employees).

Scope 3 greenhouse gas emissions from distribution of finished product including transport and warehouses	701,601	tCO <sub>2</sub> e
Total number of environmental releases	25	N/A
Lost-time injury frequency rate (contractors and employees)	1.94	N/A
Occupational illness frequency rate (employees)	1.17	N/A

The assurance covers the 12-month period ending December 31, 2017.

The data relates to business operations, which are under MCBC's operational control. MCBC has operations in Canada, Europe, the United States, and India. In 2016, consumption from MillerCoors was reported under Scope 3 activity related to 'significant investments'. In 2017, MillerCoors is fully owned by MCBC and reported under Scopes 1 and 2 accordingly.

MCBC is entirely and solely responsible for the production and publication of the data assured, Corporate Citizenship for its assurance.

The selected performance data, as stated above, has been prepared by MCBC in accordance with the GRI Principles for Defining Report Quality. The reported GHG emissions have been prepared in accordance with the WRI/WBCSD GHG Corporate Accounting and Reporting Standard (Revised). This relates to direct GHG emissions from mobile and stationary fuel combustion sources (in Scope 1); indirect GHG emissions from purchased electricity, hot water and steam (in Scope 2); and other indirect GHG emissions from downstream transportation and distribution, fuel and energy-related consumption (in Scope 3).

GHG quantification is subject to inherent uncertainty due to factors such as incomplete scientific knowledge about the global warming potential of different GHGs and uncertainty around the models and parameters used in estimating GHG emissions.

This engagement was performed in accordance with the International Standard on Assurance Engagement (ISAE) 3000 (*Assurance Engagements other than Audits or Reviews of Historical Financial Information*) and the relevant subject matter specific to ISAE for GHG data (ISAE 3410, *Assurance Engagements on Greenhouse Gas Statements*).

The report follows the guidance laid out in the International Standard on Assurance Engagements 3000.

Corporate Citizenship has complied with the requirements for independence, professional ethics and quality control as stipulated by ISAE 3000.

## Assurance work performed

The assurance work was commissioned in December 2017 and was completed on June 20, 2018. Detailed records were kept of meetings and correspondence relating to the assurance. A team of three, led by an Associate Director, undertook the assurance process. A Director acted as adviser to the group. The team has a range of professional and technical competencies and experience. For further information please refer to the website [www.corporate-citizenship.com](http://www.corporate-citizenship.com).

Corporate Citizenship's work involved, but was not been limited to, the following elements:

1. In-depth management interviews with key persons responsible for MCBC's environmental, health and safety performance data in order to understand MCBC's processes for management, reporting and performance improvement in these areas.
2. A review of internal procedures and guidelines used for data collection and reporting.
3. Site visits to two MillerCoors breweries in the United States (Fort Worth and Shenandoah) to observe operations and interrogate site-level data systems related to environmental, health and safety reporting.
4. A review of underlying data sources and substantiating evidence to support this year's reporting, in order to assess robustness of monitoring and reporting systems.
5. A review of year-on-year environmental performance trends to identify any significant changes in operational eco-efficiency and investigate the reasons behind these trends.
6. A review of GHG calculations for accuracy and consistency with best practice guidelines.
7. A review of group-wide data consolidation and reporting to check for errors or omissions in data analysis, consistency with underlying data sets and reasonableness of reporting.

## Conclusion

Based on the scope of work and assurance procedures performed, nothing came to our attention that causes us to believe that the key performance data described above is not prepared, in all material respects,

in accordance with the GRI Principles for Defining Report Quality and the WRI/WBCSD GHG Corporate Accounting and Reporting Standard (Revised).

Corporate Citizenship Limited

London

June 20, 2018

# Contact

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