



ASSURANCE STATEMENT WASTE

To: The Stakeholders of Johnson Controls

Apex Companies LLC, (Apex) was engaged to conduct an independent assurance of the waste data reported by Johnson Controls International PLC (Johnson Controls) for the period stated below. This assurance statement applies to the related information included within the scope of work described below.

The determination of the waste quantities is the sole responsibility of Johnson Controls. Apex's sole responsibility was to provide independent assurance on the accuracy of the waste quantities reported, and on the underlying systems and processes used to collect, analyze and review the information.

Boundaries of the reporting company waste covered by the assurance:

- * Operational Control
- * Worldwide

Data Verified:

Johnson Controls Entity Wide Waste Quantities Reported for FY2022 (metric tons)			
	<u>Hazardous</u>	<u>Non-hazardous</u>	<u>Total</u>
Reused	190	394	584
Recycled	1,453	66,485	67,938
Incinerated	1,180	1,479	2,659
Incinerated for energy recovery	411	1,169	1,580
Landfilled	1,892	10,343	12,235
Totals*	5,125	79,870	84,995

* Totals may not sum up exactly due to rounding

Data and information supporting the waste reported were in some cases estimated rather than historical in nature.

Period covered by waste assurance:

- Fiscal Year 2022 - October 1, 2021 to September 30, 2022

Reporting Protocol

- Global Reporting Initiative (GRI)
- Internal protocol

Assurance Protocols used to conduct the verification:

- International Standard on Assurance Engagements (ISAE) 3000 Revised, Assurance Engagements Other than Audits or Reviews of Historical Financial Information (effective for assurance reports dated on or after Dec. 15, 2015), issued by the International Auditing and Assurance Standards Board.

Level of Assurance

- Limited
- Materiality Threshold $\pm 5\%$ (applied to total)

Assurance Methodology:

- Interviews with relevant personnel of Johnson Controls;
- Review of documentary evidence produced by Johnson Controls;
- Review of Johnson Controls data and information systems and methodology for collection, aggregation, analysis and review of information used to determine waste totals by Johnson Controls;
- Audit of samples of data from Johnson Controls Operations used to determine waste and recycling volumes.

Assurance Opinion:

Based on the process and procedures conducted, there is no evidence that the waste assertion shown above:

- is not a fair representation of the waste data and information; and.
- has not been prepared in accordance with the GRI Sustainability Reporting Guidelines.

It is our opinion that Johnson Controls has established appropriate systems for the collection, aggregation and analysis of quantitative data for determination of its waste totals for the stated period and boundaries.



Statement of independence, integrity and competence

Apex is an independent professional services company that specializes in Health, Safety, Social and Environmental management services including assurance with over 30 years history in providing these services.

No member of the assurance team has a business relationship with Johnson Controls, its Directors or Managers beyond that required of this assignment. We conducted this assurance assignment independently and to our knowledge there has been no conflict of interest.

Apex has implemented a Code of Ethics across the business to maintain high ethical standards among staff in their day-to-day business activities.

The assurance team has extensive experience in conducting assurance over environmental, social, ethical and health and safety information, systems and processes, has over 20 years combined experience in this field and an excellent understanding of Apex's standard methodology for the assurance of sustainability data.

Attestation:

A handwritten signature in blue ink, appearing to read 'David Reilly'.

David Reilly, Lead Verifier
Senior Project Manager
Apex Companies, LLC

A handwritten signature in blue ink, appearing to read 'Trevor Donaghu'.

Trevor Donaghu, Technical Reviewer
Program Manager
Apex Companies, LLC

February 7, 2023

This assurance statement, including the opinion expressed herein, is provided to Johnson Controls and is solely for the benefit of Johnson Controls in accordance with the terms of our agreement. We consent to the release of this statement by you, but without accepting or assuming any responsibility or liability on our part to any other party who may have access to this statement.