

INDEPENDENT LIMITED ASSURANCE STATEMENT



To: The Stakeholders of Thermo Fisher Scientific

1. Introduction and objectives of work

Bureau Veritas UK Ltd ('Bureau Veritas') has been engaged by Thermo Fisher Scientific ('Thermo Fisher') to provide limited assurance of Environmental Indicators for the 2022 Corporate Social Responsibility Report ('the Report'). The objective is to provide assurance to Thermo Fisher and its stakeholders over the accuracy and reliability of the reported information and data.

2. Scope of work

The scope of our work was limited to assurance over the following GHG and energy information included within Thermo Fisher's upcoming 2022 Corporate Social Responsibility Report for the period of January 1st 2022 to December 31st 2022 ('the Selected Information').

- Environmental Indicators for 2021 Corporate Social Responsibility Report
 - Scope 1 Emissions
 - Scope 2 Emissions (location-based method)
 - Scope 2 Emissions (market-based method)
 - Total Scope 1 & 2 emissions
 - Scope 3 GHG emissions
 - Category 1 – Purchased goods and services
 - Category 2 – Capital goods
 - Category 3 – Fuel and energy related activities
 - Category 4 – Upstream transportation and distribution
 - Category 5 – Waste generated in operations
 - Category 6 – Business travel
 - Category 7 – Employee commuting
 - Category 11 – Use of sold products
 - Category 12 – End-of-life treatment of sold products
 - Total Energy
 - Renewable Electricity
 - Onsite Generation
 - Energy Supplier Contract
 - Environment Attribute Certificates
 - Non-Renewable Energy
 - Fossil Fuels (gas, oil, diesel, gasoline, jet aviation fuel, LPG)
 - Municipal Steam and Hot water
 - Non-renewable Electricity
 - Total On-site Generation

Our assurance does not extend to any other information included in the 2022 Corporate Social Responsibility Report.



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3. Reporting criteria

The Selected Information has been prepared in accordance with Thermo Fisher's internal definitions including Thermo Fisher's 2022 Corporate Social Responsibility Report.

4. Limitations and Exclusions

Excluded from the scope of our work is any verification of information relating to:

- Activities outside the defined verification period;
- Positional statements (expressions of opinion, belief, aim or future intention by Thermo Fisher and statements of future commitment);
- Financial data taken from the Report which are audited by an external financial auditor;
- Other information included in the Report;

This limited assurance engagement relies on a risk based selected sample of the selected information and the associated limitations that this entails. The reliability of the reported data is dependent on the accuracy of metering and other production measurement arrangements employed at site level, not addressed as part of this assurance. This independent statement should not be relied upon to detect all errors, omissions or misstatements that may exist.

5. Responsibilities

This preparation and presentation of the Selected Information in the Report are the sole responsibility of the management of Thermo Fisher.

Bureau Veritas was not involved in the drafting of the Report or of the Reporting Criteria. Our responsibilities were to:

- Obtain limited assurance about whether the Selected Information has been prepared in accordance with the Reporting Criteria;
- Form an independent conclusion based on the assurance procedures performed and evidence obtained; and
- Report our conclusions to the management of Thermo Fisher.

6. Assessment Standard

We performed our work to a limited level of assurance in accordance with 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 December 15, 2015), issued by the International Auditing and Assurance Standards Board.

7. Summary of work performed

As part of our independent verification, our work included:

- Assessing the appropriateness of the Reporting Criteria for the Selected Information;
- Conducting interviews with relevant personnel of Thermo Fisher.
- Reviewing the data collection and consolidation processes used to compile Selected Information, including assessing assumptions made, and the data scope and reporting boundaries;
- Reviewing documentary evidence provided by Thermo Fisher;
- Agreed and sampled the Selected Information of US based sites such as Grand Island (NY|BPG|BCD), Miami (FL|BPG|BCD), Paisley (BPG|BCD), Cincinnati (OH|PSG|DPD), Greenville (NC|PSG|DPD), Monza (PSG|DPD), Bridgewater (NJ|LSLPG|LCD), Carlsbad (CA|LSLPG|BID), Vilnius (LSLPG|BID) to the corresponding source documentation;



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- Assessing the disclosure and presentation of the Selected Information to ensure consistency with assured information.
- Reperforming a selection of aggregation calculations of the Selected Information.
- Reperforming greenhouse gas emissions and energy conversions calculations.

A 5% materiality threshold was applied to this assurance. It should be noted that the procedures performed in a limited assurance engagement vary in nature and timing from, and are less in extent than for, a reasonable assurance engagement. 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.

8. Conclusion

On the basis of our methodology and the activities described above nothing has come to our attention to indicate that the Selected Information is not fairly stated in all material respects.

Phase	Description of Indicator	Verified
Phase 1 Environmental Indicators for 2022 Corporate Social Responsibility Report	Scope 1 Emissions	351,834 tCO ₂ e
	Scope 2 Emissions (market-based method)	254,395 tCO ₂ e
	Scope 2 Emissions (location-based method)	416,928 tCO ₂ e
	Total Scope 1 & 2 emissions	606,229 tCO ₂ e
	Scope 3 – Category 1	8,332,494 tCO ₂ e
	Scope 3 – Category 2	321,795 tCO ₂ e
	Scope 3 – Category 3	142,240 tCO ₂ e
	Scope 3 – Category 4	1,346,259 tCO ₂ e
	Scope 3 – Category 5	82,807 tCO ₂ e
	Scope 3 – Category 6	125,280 tCO ₂ e
	Scope 3 – Category 7	417,373 tCO ₂ e
	Scope 3 – Category 11	1,741,229 tCO ₂ e
	Scope 3 – Category 12	59,174 tCO ₂ e
	Total Scope 3 emissions	12,568,651 tCO ₂ e
	Total Energy	2,840,226 MWh
	Total Renewable Electricity	446,304 MWh
	Onsite Generation	9,545 MWh
	Supplier Contract	209,398 MWh
Environment Attribute Certificates	227,361 MWh	
Non-Renewable Energy	2,393,922 MWh	
<i>Fossil Fuels (gas, oil, diesel, gasoline, jet aviation fuel, LPG)</i>	1,529,019 MWh	
<i>Municipal Steam and Hot water</i>	55,483 MWh	
<i>Non-renewable Electricity</i>	809,240 MWh	
Total On-site Generation	12,924 MWh	



9. Statement of Independence, Integrity and Competence

Bureau Veritas is an independent professional services company that specialises in quality, environmental, health, safety and social accountability with over 190 years history. Its assurance team has extensive experience in conducting verification over environmental, social, ethical and health and safety information, systems and processes.

Bureau Veritas operates a certified¹ Quality Management System which complies with the requirements of ISO 9001:2015, and accordingly maintains a comprehensive system of quality control including documented policies and procedures regarding compliance with ethical requirements, professional standards, quality reviews and applicable legal and regulatory requirements which we consider to be equivalent to ISQM 1 & 2².

Bureau Veritas has implemented and applies a Code of Ethics, which meets the requirements of the International Federation of Inspections Agencies (IFIA)³, across the business to ensure that its employees maintain integrity, objectivity, professional competence and due care, confidentiality, professional behaviour and high ethical standards in their day-to-day business activities. We consider this to be equivalent to the requirements of the IESBA code⁴. The assurance team for this work does not have any involvement in any other Bureau Veritas projects with Thermo Fisher.



Bureau Veritas UK Limited
London
04 May, 2023

¹ Certificate available on request

² International Standard on Quality Management 1 (Previously International Standard on Quality Control 1) & International Standard on Quality Management 2

³ International Federation of Inspection Agencies – Compliance Code – Third Edition

⁴ Code of Ethics for Professional Accountants issued by the International Ethics Standards Board for Accountants



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