



INDEPENDENT AUDIT OPINION Toitū Verification and Validation

TO THE INTENDED USERS

Organisation subject to audit: Fletcher Building Limited

ISO 14064-3:2019

Greenhouse Gas Protocol: A Corporate Accounting and Standard (2004), GHG Protocol: Scope

Audit Criteria: 2 Guidance, Greenhouse Gas Protocol: Corporate Value Chain (Scope 3) Accounting and Reporting Standard

Toitū Technical requirements - Audit V3

Responsible Party: Fletcher Building Limited

· Sustainability, Technical & Quality Managers

Intended users: · General Managers

· Executive Officers

Registered address: 810 Great South Road Penrose, Auckland, 1061, New Zealand

Inventory period: 1/07/2024 to 30/06/2025

Inventory report: Fletcher Building Limited GHG Inventory Report dated 17 July 2025, version 1.0

We have reviewed the greenhouse gas emissions inventory report ("the inventory report") for the above named Responsible Party for the stated inventory period.

RESPONSIBLE PARTY'S RESPONSIBILITIES

The Management of the Responsible Party is responsible for the preparation of the GHG statement in accordance with ISO 14064-1:2018. This responsibility includes the design, implementation and maintenance of internal controls relevant to the preparation of a GHG statement that is free from material misstatement.

VERIFIERS' AND VALIDATORS' RESPONSIBILITIES

Our responsibility as verifiers is to express a verification opinion to the agreed level of assurance on the GHG statement, based on the evidence we have obtained and in accordance with the audit criteria. We conducted our verification engagement as agreed in the audit letter, which define the scope, objectives, criteria and level of assurance of the verification.

Our responsibility as validators is to express an opinion on the forecast based on our validation. We conduct our validation in accordance with the ISO specification with guidance for the verification and validation of greenhouse gas statements, i.e. ISO 14064-3. This International Standard requires that we plan and perform the validation to reach a conclusion as to whether the forecast in the GHG statement is based on reasonable assumptions.

The International Standard ISO 14064-3:2019 requires that we comply with ethical requirements and plan and perform the validation and verification to obtain the agreed level of assurance that the GHG emissions, removals and storage in the GHG statement are free from material misstatement.

Reasonable assurance is a high level of assurance, but is not a guarantee that an audit carried out in accordance with the ISO 14064-3:2019 Standards will always detect a material misstatement when it exists. Misstatements are differences or omissions of amounts or disclosures, and can arise from fraud or error. Misstatements are considered material if, individually or in the aggregate, they could reasonably be expected to influence the decisions of readers, taken on the basis of the information we audited.

GHG quantification is subject to inherent uncertainty because of incomplete scientific knowledge used to determine emissions factors and the values needed to combine emissions of different gases.

BASIS OF VERIFICATION OPINION

Our responsibility is to express an assurance opinion on the GHG statement based on the evidence we have obtained. We conducted our assurance engagement as agreed in the Contract which defines the scope, objectives, criteria and level of assurance of the verification.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

VERIFICATION

We have undertaken a verification engagement relating to the Greenhouse Gas Emissions Inventory Report (the 'Inventory Report')/Emissions Inventory and Management Report of the organisation listed at the top of this statement and described in the emissions inventory report for the period stated above.

The Inventory Report provides information about the greenhouse gas emissions of the organisation for the defined measurement period and is based on historical information. This information is stated in accordance with the requirements of International Standard ISO 14064-1 Greenhouse gases – Part 1: Specification with guidance at the organisation level for quantification and reporting of greenhouse gas emissions and removals (ISO 14064-1:2018).

VERIFICATION STRATEGY

Our verification strategy used a combined data and controls testing approach. Evidence-gathering procedures included but were not limited to:

- activities to inspect the completeness of the inventory;
- interviews of site personnel to confirm operational behaviour and standard operating procedures;
- re-perform access controls to onsite records;
- reconciliation of electricity consumption records, natural gas, acetylene, WELT, LFO and steel purchases;
- detailed retracing of Aus LPG consumption;
- recalculation of biomass emissions.

The data examined during the verification were historical in nature.

QUALIFICATIONS TO VERIFICATION OPINION

The following qualifications have been raised in relation to the verification opinion:

Certain category 4 emissions — specifically those relating to purchased goods and services, and capital goods — were estimated using spend-based methodologies that rely on industry-average emission factors and high-level assumptions. These estimations are inherently uncertain, and variations in the underlying assumptions or spend categorisation could significantly affect the accuracy of the reported emissions for these categories.

Some freight emissions were calculated using supplier-specific emissions reports. These reports provided limited transparency regarding the underlying methodologies, emission factors, and data sources used. As a result, we were unable to fully assess the appropriateness and completeness of the calculations. This limitation may contribute to a higher level of uncertainty in the reported emissions for these sources.

VERIFICATION LEVEL OF ASSURANCE

ISO Category	tCO ₂ e Location based	tCO ₂ e Market based	Level of Assurance
Direct Emissions:			
Category 1	714,441	714,441	Reasonable
Indirect emissions from imported energy:			
Category 2	196,471	223,222	Reasonable
Indirect emissions from transportation:			
Category 3	254,279	254,279	Limited
Indirect emissions from products used by organisation:			
Category 4	1,220,686	1,226,107	Limited
Indirect emissions associated with the use of products from the organisation:			
Category 5	0	0	
Indirect emissions from other sources:			
Category 6	1,368	1,368	Limited
Total gross emissions	2,497,972	2,530,144	

VALIDATION

We have examined the forecast of GHG emissions, removals and storage related to downstream product use for product produced during the measurement period in the Organisation's GHG statement, which comprise the following:

- product use;
- product disposal.

VALIDATION STRATEGY

Our validation assessed the:

- GHG boundary;
- activity estimates;
- calculation methodologies and measurements;
- data management;
- conservativeness;
- calculation outcomes;
- future estimates;
- uncertainty.

The data examined during the validation were projected in nature.

VALIDATION LEVEL OF ASSURANCE

	tCO ₂ e	Level of assurance
Indirect emissions associated with the use of products from the organisation:		
Category 5	110,726	Limited

RESPONSIBLE PARTY'S GREENHOUSE GAS ASSERTION (CERTIFICATION CLAIM)

Fletcher Building Limited has measured its greenhouse gas emissions in accordance with ISO 14064-1:2018 and the Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (2004) in respect of the operational emissions of its organisation on an equity share basis for the organisational boundary as disclosed in Appendix 3 of the GHG Inventory report.

VERIFICATION AND VALIDATION CONCLUSION

EMISSIONS - REASONABLE ASSURANCE VERIFICATION

We have obtained all the information and explanations we have required. In our opinion, the emissions, removals and storage defined in the inventory report, in all material respects:

- comply with the audit criteria; and
- provide a true and fair view of the emissions inventory of the Responsible Party for the stated inventory period.

EMISSIONS - LIMITED ASSURANCE VERIFICATION

Based on the procedures we have performed and the evidence we have obtained, nothing has come to our attention that causes us to believe that the emissions, removals and storage defined in the inventory report:

- do not comply with the audit criteria; and
- do not provide a true and fair view of the emissions inventory of the Responsible Party for the stated inventory period.



EMISSIONS - LIMITED ASSURANCE VALIDATION

Based on our examination of the validation evidence, nothing comes to our attention which causes us to believe that reported assumptions do not provide a reasonable basis for forecast emissions. Further, in our conclusion, the forecast is properly prepared on the basis of the assumptions. Actual results are likely to be different from the forecast since anticipated events frequently do not occur as expected and the variation may be material.

OTHER INFORMATION

The responsible party is responsible for the provision of Other Information. The Other Information may include emissions management and reduction plan and purchase of carbon credits, but does not include the information we verified, and our auditor’s opinion thereon.

Our opinion on the information we verified does not cover the Other Information and we do not express any form of audit opinion or assurance conclusion thereon. Our responsibility is to read and review the Other Information and consider it in terms of the IOS 14064-1: 2018 and ISO 14064-3: 2019. In doing so, we consider whether the Other Information is materially inconsistent with the information we verified or our knowledge obtained during the verification.

Verified by:		Authorised by:	
Name:	Rhea Selwam	Name:	Billy Ziemann
Position:	Lead Auditor, Toitū Envirocare	Position:	Certifier, Toitū Envirocare
Signature:		Signature:	
Date verification audit:	19-21 May 2025 (Interim) 15-16 July 2025 (Final)		
Date opinion expressed:	30 July 2025	Date:	30 July 2025