

Summary of carboNZero certification

Brother International (NZ) Limited

Year 3 of 3 year certificate period

Brother International (NZ) Limited meets the requirements of carboNZero^{Cert™} certification having measured its greenhouse gas emissions in accordance with the requirements of ISO 14064-1:2006, committed to managing and reducing its emissions and neutralised its remaining unavoidable emissions through the cancellation of an appropriate number of verified carbon credits in respect of the operational activities of its organisation.



Introduction¹ – Brother has had a presence in the New Zealand market for over 50 years. In that time Brother has grown to be the leading providers of print and imaging equipment, sewing machines and labelling hardware in New Zealand. Products Brother offers include; laser printers and multi-functions, inkjet multi-function centres (MFCs), fax machines, labellers, label printers, and a wide range of home and industrial sewing machines. Brother also offer a range of cost effective lease and cost per page deals to meet the changing needs of small to medium size and corporate businesses. Brother services the retail, corporate and business to business markets.

Brother aims to fulfil its corporate social responsibilities at ever higher levels through continuous commitment to environmental challenges, to raise environmental activities to among the best in the industry, and to instil a strong sense of pride so that employees feel truly proud to be part of Brother.

Boundary – Figure 1 below shows the organisational structure used for describing the organisation's greenhouse gas (GHG) emissions inventory, and what business units were included in the inventory in the context of the entire organisational profile. The parts of the structure (business units) in blue have been identified as being within this emissions inventory. Business units excluded from the inventory are shown in green.

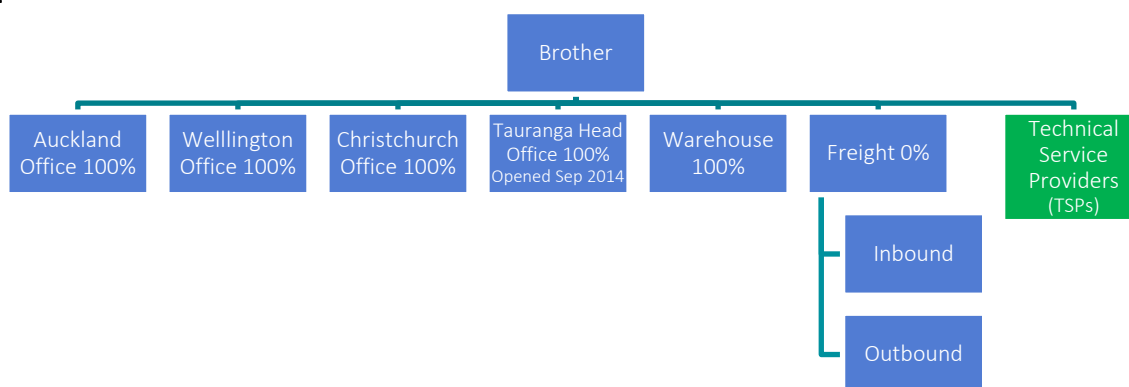


Figure 1: Organisational structure showing business units included and excluded.

Consolidation approach – The operational control consolidation approach has been used to account for operational emissions with reference to the methodology described in the GHG Protocol and ISO 14064-1:2006 standards.

Base year – 01/04/2011 to 31/03/2012

Measurement period – 01/04/2016 to 31/03/2017

¹ **Disclaimer:** This Disclosure Statement is a summary of the verified information considered for certification and the certification decision. It should not be taken to represent the full submission for certification. Whilst every effort has been made to ensure that the information in this Disclosure Statement is accurate and complete, Enviro-Mark Solutions Limited does not, to the maximum extent permitted by law, give any warranty or guarantee relating to the accuracy or reliability of the information.

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Emissions source inclusions – The operational GHG emissions for the organisation by emissions source are shown in Figure 2 below.

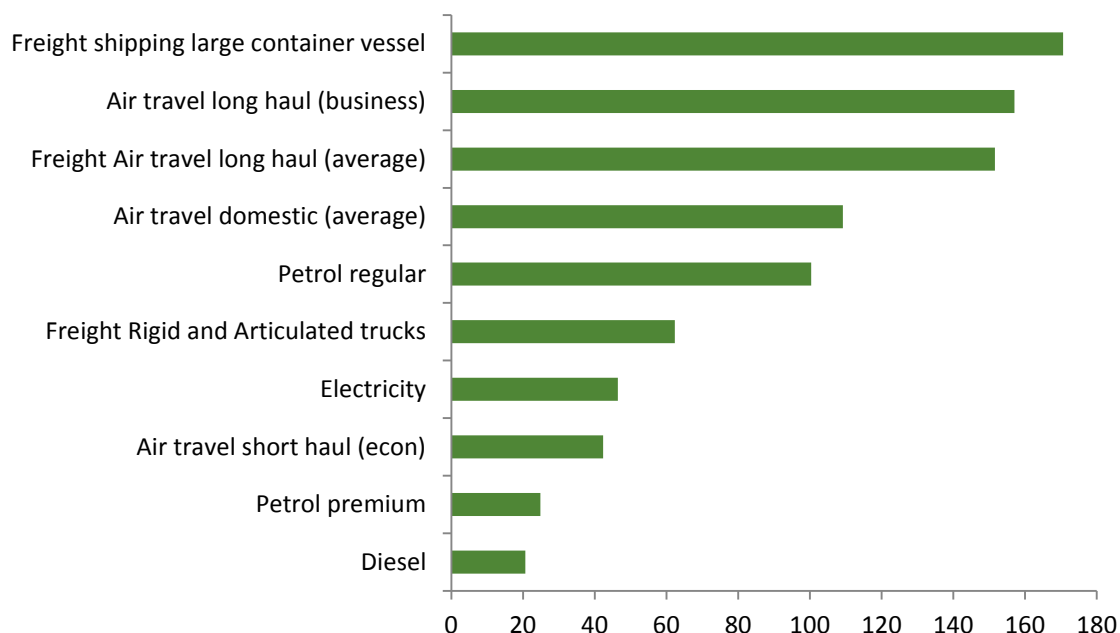


Figure 2: GHG emissions by emissions source (tCO₂e).

Emissions as tonnes of carbon dioxide equivalents (tCO₂e) for this period were:

Emissions summary by scopes		Units
Scope 1 total	152.74	tCO ₂ e
Scope 2 total	46.48	tCO ₂ e
Scope 3 total	727.31	tCO ₂ e
Mandatory scope 3	719.64	tCO ₂ e
Additional scope 3	7.67	tCO ₂ e
One-time scope 3	0.00	tCO ₂ e
Total inventory:	926.54	tCO₂e

Emissions source exclusions – The following emissions sources were excluded from the inventory for this measurement period:

- Taxi use (\$ spent) has been excluded from this inventory as the emission source is *de minimis* (1.5 tCO₂e) and data quality is poor.
- Expense claims for fuel usage have been excluded from this inventory as the emission source is *de minimis* and data quality is poor. The spend (\$12,057.25) is the almost same as the previous reporting year when calculated and determined as *de minimis* (\$17,429.82) and data quality is poor.

Emissions reduction commitments – A GHG emissions management plan and reduction targets have been developed. Brother International (NZ) Limited have committed to the following reduction target:

- Reduce emissions from freight air travel long haul by 66% from baseline by 2018

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Emissions reduction report against last year's plan – This is the 6th year of reporting under carboNZero programme. An absolute increase in Scope 1 and 2 emissions of 25 tCO₂e has occurred against base year. A reduction in emissions intensity (for Scope 1, 2 and mandatory Scope 3 emissions) of 4.27 tCO₂e/\$M has been achieved; based upon a 5 year rolling average.

Offset – 927 Guohua Tongliao credits have been cancelled on the carboNZero register and will be cancelled (or equivalent) on the relevant external registry within one month of certification. Specific details of cancellation, including serial numbers, will be available on the external registry: www.vcsregistry.com.

Verified by – Enviro-Mark Solutions Limited

Data quality score – High

Threshold of materiality – Excluded emissions do not exceed 5% of the total footprint within the organisation boundary stated.

Level of assurance – Reasonable

Certification status – carboNZero certified organisation

Certificate number – 2015061J, Year 3 of 3 year certificate period

Valid until – 26 June 2018