



PZ Cussons 2022 GHG Verification

A review of Scope 1 and Scope 2 GHG data against annual reported figures for the period ending May 2022

Client: PZ Cussons

Main PZ Cussons contact: Paul Warke

Email: Paul.Warke@pzcussons.com

Details

Date	26/07/2022
Client	Paul Warke, Engineering & Continuous Improvement Manager PZ Cussons
Email	Paul.Warke@pzcussons.com
Author	Sara Stockton, Verco
Email	sara.stockton@vercoglobal.com
Telephone	+44 (0)7876 547244
Reviewer	Mark Challis, Verco

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List of abbreviations and acronyms

tCO2e	tonnes of carbon dioxide equivalent
kWh	kilowatt hours
CDT	Carbon Desktop data collection platform

Executive Summary

This report has been commissioned by PZ Cussons. Verco undertook a verification of PZ Cussons’ Scope 1 and 2 data to support PZ Cussons’ reporting integrity. Throughout this commission Paul Warke has acted as Verco’s operational contact. Millie Rose provided operational oversight at PZ Cussons.

Based on the Scope of Work and Methodology outlined below, nothing has come to Verco’s attention that would indicate that PZ Cussons’ reported energy, GHG emissions, and carbon data is not fairly stated.

This verification was sample-based. The conformance of the wider system and the integrity of the samples reviewed were tested. However, this does not eliminate the possibility that errors remain in the system.

The verification findings are arranged into major and minor findings and good practice observations. Major findings relate to material variances in data used for reporting (greater than 1%).

The scope of this verification exercise was a review of scope 1 and 2 energy data for PZ Cussons’ financial year 2022 (ending May). The verification included a review of energy supply points against base data. The following coverage was achieved.

Table 1: Summary of coverage performance for PZ Cussons’ financial year 2022 (ending May)

	Meters (count)		Consumption (tCO ₂ e)		Coverage (%)	
	Total	Sample	Total	Sample	Count	Consumption
Diesel	9	2	12,830	12,493	22%	97%
Electricity Consumed (Power House)	6	2	15,297	12,410	33%	81%
Electricity Consumed (PPC)	8	2	6,318	4,425	25%	70%
Gas	8	2	11,772	7,109	25%	60%
Refrigerants	15	4	2,217	788	27%	36%
Others	8	0	69	-	0%	0%
Total	54	12	48,502	37,225	22%	77%

Verification Outcomes

Verco identified two major findings. These issues were both due to a human transcription error. The errors resulted in a 1% decrease in the Scope 1 and Scope 2 emissions of 2 tCO₂e.

All major findings were corrected prior to this verification report being issued. A full list of the verification findings can be found in section 3 of this report.

Introduction

This report has been commissioned to assess whether the data held under the PZ Cussons' reporting systems are consistent with the primary data. Verco undertook a verification of the Scope 1 and Scope 2 data, as defined by the World Business Council for Sustainable Development (WBCSD), for PZ Cussons' 2022 financial year (ending May 2022). This report is a summary of the verification method and the key verification findings.

PZ Cussons acts as the data aggregator and co-ordinates the data collection and data aggregation processes.

2. Verification Method

2.1 Verification Scope

The verification scope covered PZ Cussons' operations worldwide and included the review of the following documentation:

- Invoices
- Consumption data from Carbon Desktop

2.2 Description of activities covered

The activities covered by the verification were:

- Scope 1 – gas, diesel, electricity (locally generated) and refrigerant gases
- Scope 2 – electricity

2.3 Verification Approach

The verification approach is set out below (Figure 1). The verification review compared primary data against reported consumption:

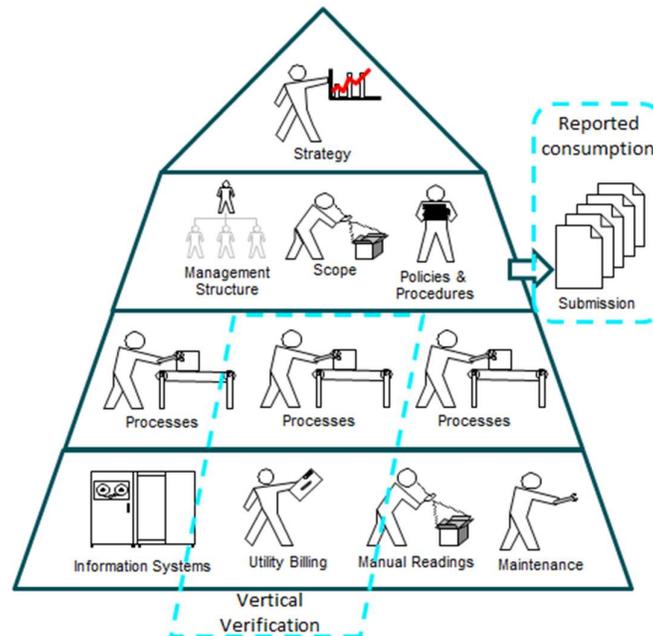


Figure 1: Verification Types

2.3.1 Data review

The data review compares data to be used for reporting purposes with available evidence. To ensure “limited assurance” is achieved a sample at least 20% of consumption and 20% by meter count is normally taken.

A table of the data systems is set out below along with the checks applied.

Table 2: A summary of the verification process

Category	Dataset	Verification Method
Emission source	Energy data	Reported consumption data was compared to primary evidence (e.g. invoices, meter readings and meter photos)

2.4 Verification Outcomes

Findings are presented as major findings, minor findings and general observations:

- Major findings are significant non compliances, which materially¹ impact on the PZ Cussons' reported figures.
- Minor findings are non-compliances, which do not materially impact on the PZ Cussons' reported figures.
- Good practice observations cover good practice record keeping recommendations and are voluntary.

¹ Material is defined as a variance of greater than 1% of stated emissions for a given reported emission point

3. Verification Findings

The verification findings are set out below.

3.1 Data validation findings

The verification included a data validation exercise. This achieved the following coverage:

Table 1: Summary of coverage performance for PZ Cussons' financial year 2022 (ending May)

	Meters (count)		Consumption (tCO ₂ e)		Coverage (%)	
	Total	Sample	Total	Sample	Count	Consumption
Diesel	9	2	12,830	12,493	22%	97%
Electricity Consumed (Power House)	6	2	15,297	12,410	33%	81%
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Others	8	0	69	-	0%	0%
Total	54	12	48,502	37,225	22%	77%

The findings and observations are set out below.

3.1.1 Major findings

Major findings have been split into material mis-reporting which has been verified (and cases where it was not possible to verify as evidence to support consumption reported was not available) and it is therefore not known whether there was material mis-reporting.

- Aba FC Refrigerant R22

The refrigerant meter was over reported: Verco calculates the emissions from primary evidence as 148 tCO₂e, the reported emissions were 197 tCO₂e. This is a difference of -49 tCO₂e (~-25%). It is recommended that the value be corrected. It was noted that the Rgas data tab matches evidence but not BaseData tab.

- UK – ICH Refrigerant R410a

The refrigerant meter was under reported: Verco calculates the emissions from primary evidence as 591 tCO₂e, the reported emissions were 86 tCO₂e. This is a difference of 505 tCO₂e (~585%). It is recommended that the value be corrected. The evidence and the BaseData did not match.

No further major findings identified.

3.1.2 Minor findings

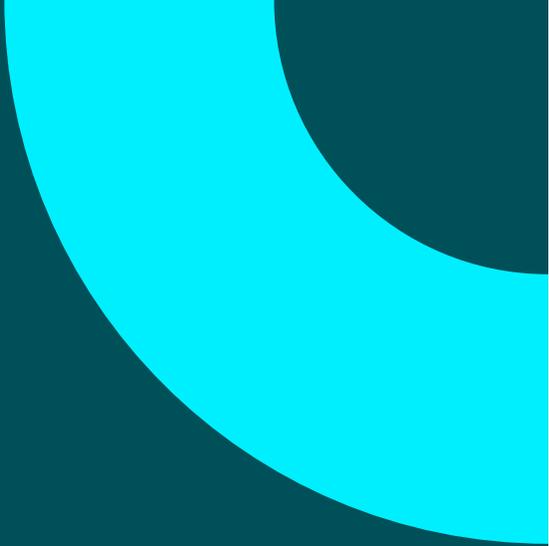
There were no minor findings identified.

3.1.3 Good practice observations

Good practice observations with regards to energy meter reporting are listed below.

- Explanatory diagrams will be clearer if consistent meter numbers or names are used.
- Ikd Gas tab – verification of data is simplified if the evidence titles on the Ikd Gas tab consistent is the evidence.
- The data in FY22 Submission is not linked through to any of the other sheets. Verification of data is simplified if the numbers are not hard typed in but calculated by linking to the relevant sheets.
- Verification of data is simplified if the data on the CO2 tab was linked through to the supporting figures on any of the other sheets.
- It is good practice to add a commentary on the reasons why material emission changes have occurred on a meter point level (changes of more than 20% year on year).
- PZ Cussons to write a protocol document explaining the data collection emissions calculation processes.

No further good practice observations identified.



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