

GHG EMISSIONS REPORT

FY 2025–26



Reporting Period: 1 April 2025 to 31 March 2026

Base Year: FY 2024–25

Reporting Boundary: Scope 1 and Scope 2

Prepared by: QMS & Sustainability Department

Approved by: Top Management

1. Introduction

AMIT ENGINEERS monitors its greenhouse gas emissions as part of its environmental management and sustainability programme.

This report presents the greenhouse gas emissions associated with the company's operations during FY 2025–26. The inventory covers **Scope 1 direct emissions** and **Scope 2 indirect emissions from purchased electricity**.

The purpose of this report is to provide a clear record of the company's current GHG emissions and to support ongoing efforts to improve energy efficiency and reduce emissions.

2. Reporting Boundary

The GHG inventory covers the operations and facilities under the operational control of AMIT ENGINEERS.

The following emission sources have been considered:

Scope 1 – Direct emissions

- Diesel consumption
- Petrol consumption, where applicable
- LPG/natural gas consumption, where applicable
- Refrigerant emissions, where applicable
- Other fuels directly consumed by company-controlled sources

Scope 2 – Indirect emissions

- Purchased electricity consumed at AMIT ENGINEERS' facilities

Scope 1 and Scope 2 have been selected as the current reporting boundary based on the company's operational activities and availability of reliable activity data.

3. Methodology

The GHG inventory has been prepared with reference to the **GHG Protocol Corporate Accounting and Reporting Standard**.

Emission calculations are based primarily on actual consumption data available for the reporting period. Electricity consumption has been taken from electricity bills and meter records, while fuel consumption has been taken from relevant purchase and consumption records.

GHG emissions are reported in **tonnes of carbon dioxide equivalent (tCO₂e)**.

The calculation workbook, source data and emission factors used for the inventory are maintained by the QMS & Sustainability Department.

4. GHG Emissions Summary

The total Scope 1 and Scope 2 emissions for FY 2025–26 are as follows:

Emission Category	FY 2025–26
Scope 1 – Direct Emissions	66.5 tCO₂e
Scope 2 – Purchased Electricity	784.6 tCO₂e
Total GHG Emissions	851.1 tCO₂e

The above figures represent the emissions calculated within the defined reporting boundary for the reporting period.

5. Scope 1 – Direct GHG Emissions

Scope 1 emissions arise from fuels and other direct emission sources under the company's operational control.

The following sources were reviewed for FY 2025–26:

Source	Consumption	Unit	Emissions
Diesel	24399	Litres	66.5 tCO ₂ e
Petrol	0	Litres	0 tCO ₂ e
LPG / Natural Gas	0	kg / SCM	0 tCO ₂ e

Source	Consumption	Unit	Emissions
Refrigerant	0	kg	0 tCO ₂ e
Total Scope 1			66.5 tCO₂e

Only sources applicable to AMIT ENGINEERS' operations have been included in the final calculation.

6. Scope 2 – Purchased Electricity

Scope 2 emissions are associated with electricity purchased and consumed by AMIT ENGINEERS.

Electricity consumption was determined using available electricity bills and meter records for the reporting period.

Particular	FY 2025–26
Purchased Electricity	799870 kWh
Electricity Emission Factor	0.98 t CO₂e/kWh
Scope 2 Emissions	784.6 tCO₂e

Electricity consumption is monitored regularly to identify areas where energy use can be reduced.

7. Energy Consumption

Energy consumption is monitored along with GHG emissions because it is one of the main factors influencing the company's operational emissions.

Energy Source	FY 2025–26 Consumption
Purchased Electricity	799870 kWh
Diesel	24399 Litres
Petrol	0 Litres
LPG / Natural Gas	0 kg / SCM

Energy consumption records are maintained as part of the company's environmental monitoring system.

8. GHG Emission Intensity

To provide a meaningful measure of performance, AMIT ENGINEERS also monitors GHG emissions in relation to its operational activity.

Indicator	FY 2025–26
Total Scope 1 + Scope 2 Emissions	851.1 tCO ₂ e
Total Production	1537 No's
GHG Emission Intensity	0.554 tCO₂e / production unit

The emission intensity indicator will be reviewed annually along with production and energy data.

9. Comparison with Base Year

FY 2024–25 has been selected as the base year for monitoring changes in Scope 1 and Scope 2 emissions.

Emission Category	FY 2024–25	FY 2025–26	Change
Scope 1	22.486	66.5	+195.74%
Scope 2	504.91	784.6	+55.39%
Total	527.406	851.1	61.37%

Year-on-year changes are reviewed in relation to production levels, electricity consumption, fuel consumption and other relevant operational factors.

10. Emission Reduction Measures

During the reporting period, the company continued to focus on reducing unnecessary energy and fuel consumption.

The measures include:

- Monitoring electricity consumption on a regular basis.
- Using energy-efficient lighting and equipment where feasible.
- Switching off electrical equipment when not required.
- Maintaining electrical and production equipment to ensure efficient operation.
- Monitoring diesel and other fuel consumption.
- Avoiding unnecessary vehicle and equipment idling.
- Improving utilisation of vehicles and equipment.

- Promoting energy conservation awareness among employees.
- Evaluating the use of renewable energy where technically and economically feasible.

The effectiveness of these measures will be reviewed through future energy and GHG performance data.

11. GHG Performance Monitoring

GHG performance is reviewed periodically by the responsible department and Management.

The main indicators monitored are:

Performance Indicator	FY 2025–26
Scope 1 emissions	66.5 tCO₂e
Scope 2 emissions	784.6 tCO₂e
Total emissions	851.1 tCO₂e
Electricity consumption	799870 kWh
Fuel consumption	24399 Litres
GHG emission intensity	0.554 tCO ₂ e/unit

The results are used to identify areas for further improvement in energy efficiency and emission reduction.

12. Data Sources and Records

The GHG calculation is supported by records maintained by the company, including:

- Electricity bills and meter readings
- Diesel and petrol purchase records
- LPG/natural gas records, where applicable
- Refrigerant service records, where applicable
- Production records
- Other relevant energy and operational records

The supporting records are retained in accordance with the company's document and record-control requirements.

13. Emission Factors

Emission factors used in the calculation are selected from recognized and relevant sources.

Depending on the emission source, applicable factors may be taken from:

- Central Electricity Authority (CEA), Government of India
- GHG Protocol
- IPCC
- Other recognized government or international sources

The emission factors used for the reporting period are documented in the GHG calculation workbook.

14. Verification

The GHG inventory for FY 2025–26 has been **internally reviewed**.

The GHG inventory has been reviewed internally by AMIT ENGINEERS based on the available activity data and supporting records. The inventory has not been independently verified by a third party.

15. Future Focus

AMIT ENGINEERS will continue to monitor Scope 1 and Scope 2 emissions annually.

The company will focus on:

- Improving the quality of energy and fuel consumption data.
 - Identifying major sources of operational emissions.
 - Improving energy efficiency.
 - Reducing unnecessary fuel consumption.
 - Increasing renewable energy use where feasible.
 - Monitoring emission intensity.
 - Setting measurable reduction objectives as the company's GHG performance data develops.
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16. Management Statement

AMIT ENGINEERS is committed to responsible environmental management and to reducing the greenhouse gas emissions associated with its operations.

The company will continue to measure its Scope 1 and Scope 2 emissions, monitor energy consumption and implement practical measures to improve energy efficiency and reduce emissions.

This report will be reviewed and updated periodically to reflect the company's environmental performance and progress.

17. Contact

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Document Control

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