INDEPENDENT GHG VERIFICATION STATEMENT

Introduction

DNV Business Assurance India Private Limited ('DNV') has been commissioned by the management of Syngene International Limited ('Syngene' or 'the Company', Corporate Identity Number L85110KA1993PLC014937) to carry out a verification of its Scope 1, Scope 2 and Scope 3 Greenhouse Gas ('GHG') emission data for the period 1st April 2022 to 31st March 2023 for its six operation facilities in India. Syngene's GHG data is prepared in bespoke spreadsheets based on the principles of GHG protocol, Emission factors from DEFRA Greenhouse gas reporting, Central Electricity Authority, Govt. of India.

DNV has carried out this customized verification engagement in accordance with DNV's verification methodology VeriSustain™[1] and this provides a limited level of verification of selected GHG emission data while applying a ±5% materiality threshold for errors and omissions. The verification was carried out during June 2023 - July 2023 by a team of qualified sustainability and GHG assessors.

Scope, Boundary and Limitations of Verification

The scope of work agreed includes the following:

- Verification of GHG (Scope 1, Scope 2 and Scope 3) emissions data from various activities covering the period 1st April 2022 to 31st March 2023 considering selected samples for a limited level of verification as per DNV VeriSustain™[1].
- The boundary of verification included:
    - Six Operating plants in India (located at Bengaluru, Hyderabad, Mangalore).
- Review of emission sources under Syngene's operational control including review of the Company's internal protocols and processes related to the collection and collation of its GHG emissions sources.
    - Verification of GHG emissions from the Company's operations, comprising of:
    - Scope 1 due to combustion of fossil fuels and other emissions, such as
        - Combustion of high-speed diesel (HSD) for diesel generators
        - Combustion of high-speed diesel (HSD) in Boiler
        - Combustion of Furnace Oil in Boiler
        - Combustion of LPG in Boiler
    - Scope 1 Fugitive emissions due to Refrigerant refilling, CO_2 fire extinguisher refilling
    - Scope 1 CO_2 emissions from Process emissions, activity data
    - Scope 2 emissions due to purchased electricity from Integrated national grid in India and steam consumption.
    - Scope 3 emissions due to various categories (category 1, 2, 3, 4, 5, 6, 7, 9)

The Company's EHS & Sustainability team is responsible for the collection, analysis, aggregation and presentation of data and information related to its GHG assertions based on methodologies defined in frameworks and standards such as principles of GHG protocol, DEFRA Greenhouse gas reporting: conversion factors 2023, Central Electricity Authority, Govt. of India, by adopting the 'operational control' model as a performance data consolidation approach.

Our responsibility of performing this work is to the management of the Company only and in accordance with the scope of work agreed with the Company. The verification engagement is based on the assumption that the data and information provided to us is complete, sufficient and true. We disclaim any liability or co-responsibility for any decision a person or entity would make based on this verification statement. No external stakeholders were interviewed as part of this verification engagement.

Verification Methodology

We planned and performed our verification work to obtain the evidence we considered necessary to provide a limited level of verification, while adopting a risk-based approach towards selection of samples for assessing the robustness of the underlying data management system, information flow and controls. We carried out the following activities:

- Desk review of the Scope 1, Scope 2 and Scope 3 emissions activity, and associated data for the period - 1st April 2022 – 31st March 2023 captured in bespoke spreadsheets.
- Review of the standard operating procedures ('SOPs') for GHG Management System as well as the Company's GHG data management processes used to generate, aggregate, and report the GHG data, as well as assessment of the completeness, accuracy and reliability of the data.
- Reviews of GHG data aggregation system in place including forms and formats, assumptions, as well as associated emission factors and calculation methodologies.
- Sampling of activity data for verification in line with the requirements for a limited level of verification.
- Onsite visits to the operational plants of the Company at Bengaluru (Karnataka), and 2 facilities at Hyderabad in India for verifying the identified activities and emission sources and related evidence at the plant on a sample basis.

[1] *The VeriSustain protocol is based on the principles of various assurance standards including International Standard on Assurance Engagements 3000 (ISAE 3000) Revised (Assurance Engagements other than Audits or Reviews of Historical Financial Information) and the GRI Principles for Defining Report Content and Quality, international best practices in verification and our professional experience; and is available on request from www.dnv.com*

- Interaction with key managers and data owners to review data systems related to the GHG inventory including reviews of emission factors and assumptions used for calculation methodology.

Conclusion

On the basis of our verification methodology and scope of work agreed upon, nothing has come to our attention to suggest that the GHG emissions data as brought out below are not materially correct and is not a fair representation of the Scope 1, Scope 2 and Scope 3 GHG emissions of Syngene International Limited for the reporting period. Some data inaccuracies identified during the verification process were found to be attributable to transcription, interpretation and aggregation errors and the errors have been corrected.

Facilities	**Emission source**	**Annual GHG Emissions (in tCO_2e)**		**Total (tCO_2e)**
		Scope 1	**Scope 2**	
1. Bangaluru 2. Mangalore 3. Hyderabad	Fuel Combustion	2,197		2,197
	Fugitive - Refrigerant Leakage	2,970		2,970
	Fugitive - Fire Extinguishers	0.57		0.57
	Process - Dry Ice	835		835
	Process Emissions	0.06		0.06
	Scope 1 tCO_2e (sub-total)			**6,003**
	Electricity Consumption -Grid Purchase		16,626	16,626
	Steam Consumption		2,138	2,138
	Scope 2 tCO_2e (sub-total)			**18,765**
Total GHG (Scope 1 & 2) emissions tCO_2e				**24,767**

Facilities	**Category**	**Sub-Category**	**Total (tCO_2e)**
1. Bangaluru 2. Mangalore 3. Hyderabad	Category 1- Purchased Goods & Services	Purchased Goods & Services	64,238
	Category 2- Capital Goods	Capital Goods	7,978
	Category 3- Fuel & Energy Related activities	Upstream - Diesel	4,323
		Upstream - Furnace Oil	
		Upstream - Electricity (T&D)	
		Upstream - Steam (PNG)	
		LPG	
	Category 4- Upstream Transportation and Distribution	Domestic Transportation (HGV)	2,627
		Import - Air, Sea & land	
		ICT Shipment (HGV)	
	Category 5- Waste generated in Operations	Waste	1,654
	Category 6 - Business Travel	Business Travel - Air	667
		Business Travel - Others	
	Category 7- Employee Commuting	Company Provided	4,294
		Employee Owned	
	Category 9 - Downstream Transportation and Distribution	Domestic Transportation (LGV)	2,434
		Export - Air & Sea	
Total GHG emissions (Scope 3) tCO_2e			**88,215**

Scope details	**Quantity (tCO_2e)**
Scope 1	6,003
Scope 2	18,765
Scope 3	88,215
Total	**112,983**

Note 1: Calculation of Scope 1 GHG emissions is based on corresponding emission factors and equations considered from the DEFRA - GHG Conversion Factors for Company Reporting (2023)
Note 2: Scope 2 emissions for Indian operations are calculated based on the Grid Electricity EF - Central Electricity Authority, Govt. of India, CO2 baseline database for Indian Power Sector, version 18, December 2022 EF considered is 0.715 kgCO_2 per kWh https://cea.nic.in/cdm-co2-baseline-database/?lang=en and BEE's Energy Auditor Book.

Nore 3: Scope 3 emission are calculated based on Corporate Value Chain (Scope 3) Standard by Greenhouse gas protocol, DEFRA - GHG Conversion Factors for Company Reporting (2023).

DNV's Competence and Independence

DNV applies its own management standards and compliance policies for quality control, in accordance with ISO IEC 17021:2015 - Conformity Assessment Requirements for bodies providing audit and certification of management systems, and accordingly maintains a comprehensive system of quality control including documented policies and procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements. We have complied with the DNV Code of Conduct during the verification engagement and maintain independence where required by relevant ethical requirements as detailed in DNV VeriSustain™[1]. This engagement work was carried out by an independent team of GHG assurance professionals. DNV was not involved in the preparation of any statements or data except for this Verification Statement. DNV maintains complete impartiality toward stakeholders interviewed during the verification process. DNV did not provide any services to Syngene International Limited or its subsidiaries in the scope of verification during 2022-2023 that could compromise the independence or impartiality of our work.

For DNV Business Assurance India Private Limited,

Chaudhari, Tushar Digitally signed by Chaudhari, Tushar Date: 2023.07.21 17:11:20 +05'30' Tushar Chaudhari Lead Verifier DNV Business Assurance India Private Limited, India.	Sharma, Anjana Digitally signed by Sharma, Anjana Date: 2023.07.21 17:33:44 +05'30' Anjana Sharma Assurance Reviewer DNV Business Assurance India Private Limited, India.
Goutam Banik (Verifier)	

India, 21st July 2023

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