

Verification Opinion

CFV 778192

Responsible Party: Ardentec Singapore Pte Ltd
12 Woodlands Loop
#02-00,738283
Singapore

Type of GHG Statement:
Organisational

Identification of GHG Statement
Ardentec Singapore Y2022 Greenhouse Gas Inventory Report

Scope of activities:
Provision for Semiconductor Testing Services and Backend Services

Organisational Boundary:
Operational control

Sites Included in Organisational Boundary:
Main office and plant at the address as above

Reporting Boundary:

Category 1:

- Direct GHG emissions from stationary combustion and fugitive emissions from man-made systems

Category 2:

- Indirect GHG emission from imported electricity

Category 3:

- Indirect GHG emission from employee commuting

Category 4:

- Indirect GHG emission from the use of product

Criteria for developing the organisational GHG statement:

- ISO 14064-1:2018
- GHG Inventory Procedure

Level of Assurance:

Reasonable

Materiality level:

5%

Application Period:

01/01/2022 – 31/12/2022

GHG Emissions:

Emission sources	Location based, tCO₂(e):
Direct GHG emissions	8.7732
Indirect GHG emission from imported electricity	5,906.5517
Indirect GHG emission from employee commuting	43.5521
Indirect GHG emission from the use of product	863.5786
Total quantified	6,822.4557

Verification Opinion: Verified as Satisfactory

Verification Activities:

The following were the verification activities undertaken:

- Evaluation of the monitoring and controls systems through interviewing employees, observation & inquiry
- Verification of the data through sampling recalculation, retracing, cross checking, reconciliation
- Confirmation of measuring equipment accurately described in the quantification methodology including calibration status.

The quantification and reporting of the GHG emissions has been independently verified by BSI against the specifications defined in ISO 14064-1:2018. The verification activity has been carried out in accordance with ISO 14064-3 and the principles of ISO 14065.

Responsibilities:

Ardentec Singapore is responsible for the preparation and presentation of the GHG statement in accordance with ISO 14064-1:2018.

- The data on which the GHG statement is based has been provided by Ardentec Singapore in the document "Ardentec Singapore Y2022 Greenhouse Gas Inventory Report" and "Ardentec Singapore GHG Inventory Procedure". This document is the responsibility of Ardentec Singapore and is historical in nature.

BSI is responsible for expressing an opinion on the GHG statement based on the verification

Lead Verifier: Shaiful Rahman



Signed on behalf of BSI: Miranda Chen, Country Manager (Singapore)

Independent Reviewer: Mike Lu

Issue Date: 09 Jun 2023

NOTE: BSI Group Singapore Pte Ltd is independent to and has no financial interest in Ardentec Singapore. This verification Opinion has been prepared for Ardentec Singapore only for the purposes of verifying its GHG statement relating to its GHG emissions more particularly described in the scope above. It was not prepared for any other purpose. In making this statement, BSI Group Singapore Pte Ltd has assumed that all information provided to it by Ardentec Singapore is true, accurate and complete. BSI Group Singapore Pte Ltd accepts no liability to any third party who places reliance on this Statement.