



Verification Opinion

CFV 801482

Verification Opinion

Verified as Satisfactory:

Based on the process and procedures conducted, the GHG statement contained in the GHG Report produced by CHULARAT HOSPITAL PUBLIC COMPANY LIMITED.

- Is materially correct and is a fair representation of GHG data and information.
- Has been prepared in accordance with ISO14064-1:2018 and its principles.

The following improvements were raised in relation to future reporting.

- The organization should separately identify diesel use in Fire pump and diesel generator.

Lead Verifier: Tadpong Ratanasoponchai

Signed on behalf of BSI: Udomsak Suntithikavong, Managing Director Assurance, Thailand

Independent Reviewer: Idsara Losuwan

Issue Date: 12 February 2024

NOTE: BSI Thailand is independent to and has no financial interest in CHULARAT HOSPITAL PUBLIC COMPANY LIMITED. This 3rd party Verification Opinion has been prepared for CHULARAT HOSPITAL PUBLIC COMPANY LIMITED, only for the purposes of verifying its 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 Thailand has assumed that all information provided to it by CHULARAT HOSPITAL PUBLIC COMPANY LIMITED is true, accurate and complete. BSI Thailand accepts no liability to any third party who places reliance on this statement.

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Verification Engagement

Organization:

CHULARAT HOSPITAL PUBLIC COMPANY LIMITED

Responsible party:

CHULARAT HOSPITAL PUBLIC COMPANY LIMITED

Verification Objectives:

To express an opinion on whether the organizational GHG Statement which is historical in nature:

- Is accurate, materially correct and is a fair representation of GHG data and information
- Has been prepared in accordance with ISO14064-1:2018. And ISO 14064-3:2019, the criteria used by BSI to verify the GHG Organizational Statement.

Materiality Level:

5%

Level of Assurance:

Reasonable

Verification evidence gathering procedures:

- Evaluation of the monitoring and controls systems through interviewing employees observation & inquiry
- Verification of the data through sampling recalculation, retracing, cross checking and reconciliation
- GHG report 2023 and Excel Calculation Sheet 2023 (GHG Inventory)

Verification Standards:

The verification was carried out in accordance with ISO 14064-3: 2019 and ISO 14065: 2013

Note: CHULARAT HOSPITAL PUBLIC COMPANY LIMITED is responsible for the preparation and fair presentation of the GHG statement and report in accordance with the agreed criteria. BSI is responsible for expressing an opinion on the GHG statement based on the verification.

Organizational GHG Statement

Organization:

CHULARAT HOSPITAL PUBLIC COMPANY LIMITED

Organizations GHG Report containing GHG Statement:

GHG Report 2023

Organizational Boundary:

Operational Control

Locations included in the Organizational Boundary:

Building 1 - 88/8-9 Moo 11 Theparak Road, Km.14.5 Tumbon Bangpla Amper Pangplee Samutprakarn 10540

Building 2 - 88/2 Moo 11 Theparak Road, Km.14.5 Tumbon Bangpla Amper Pangplee Samutprakarn 10540

Building 3 - 88/16 Moo 11 Theparak Road, Km.14.5 Tumbon Bangpla Amper Pangplee Samutprakarn 10540

Building 4 - 88/17 Moo 11 Theparak Road, Km.14.5 Tumbon Bangpla Amper Pangplee Samutprakarn 10540

Scope of activities:

Hospital for Health Care Services

Reporting Boundary:

Direct GHG Emissions (Scope 1)

Stationary Combustion

- Diesel Generator and Fire pump
- LPG

Mobile Combustion

- Diesel Vehicles
- Gasoline Vehicles

Fugitive Emissions

- BF2000 Fire Extinguisher
- Refrigerant - R32
- Refrigerant - R134a
- Refrigerant - R410a
- Nitrous Oxide
- CH4 from Septic tank

Indirect GHG Emissions from imported energy (Scope 2)

- Imported Electricity

Indirect GHG emissions from products used by organization (Scope 3)

Purchased goods and Services

- Tap Water
- A4 Paper
- A5 Paper

Waste generated in operations

- General Waste (Disposal)
- Hazardous Waste (Disposal)
- Hazardous Waste (Incinerate)
- Infectious Waste (Incinerate)
- Waste Transportation (General Waste Disposal)
- Waste Transportation (Hazardous Waste Disposal)
- Waste Transportation (Hazardous Waste Incineration)
- Waste Transportation (Infectious Waste Incineration)

Exclusions from Reporting Boundary:

Justification: indirect emission during this verification period as the organization consideration.

- Capital goods (no representing emission factor)
- Business travel (no historical data available)
- Employee commuting (no historical data available)

Criteria for developing the organizational GHG Inventory:

ISO 14064-1:2018 (BS EN ISO 14064-1:2019) and client's GHG Report.

Reporting Period:

01/01/2023 - 31/12/2023

Year 2023	tCO ₂ e
Direct Emissions (scope 1)	2,075.05
Indirect Emissions from Imported Energy (scope 2) - Location Based	3,891.22
Indirect GHG emissions from Purchased goods and Services (Scope 3 – Category 1)	197.39
Indirect GHG emissions from Waste generated in operations (Scope 3 – Category 5)	570.08
Total (location based)	6,733.75
Off sets purchased	-