

Verification Opinion

CFV 800879

Verification Opinion

Verified as Satisfactory:

Based on the process and procedures conducted, there is no evidence that the GHG statement contained in the GHG Report produced by THAI WIRE PRODUCTS PUBLIC COMPANY LIMITED

- Is not materially correct and is not a fair representation of GHG data and information.
- Has not been prepared in accordance with ISO14064-1:2018 and its principles

Lead Verifier: Puinoon Lertjettanarom

Signed on behalf of BSI: Pornphen Vonganonchinda, General Manager – Finance, Thailand

Independent Reviewer: Naris Lapsunthornphithak

Issue Date: 27 February 2025

NOTE: BSI Thailand is independent to and has no financial interest in THAI WIRE PRODUCTS PUBLIC COMPANY LIMITED. This 3rd party Verification Opinion has been prepared for THAI WIRE PRODUCTS 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 THAI WIRE PRODUCTS PUBLIC COMPANY LIMITED is true, accurate and complete. BSI Thailand accepts no liability to any third party who places reliance on this statement.

BSI Group (Thailand) Co.,Ltd. 127/29 Panjathani Tower, 24th Floor Nonsee Road, Chongnonsee, Yannawa Bangkok. Thailand.



Verification Engagement

Organization:

THAI WIRE PRODUCTS PUBLIC COMPANY LIMITED

Responsible party:

THAI WIRE PRODUCTS 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, the criteria used by BSI to verify the GHG Organizational Statement.

Materiality Level:

5%

Level of Assurance:

Limited

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

The verification activities applied in a limited level of assurance verification are less extensive in nature, timing and extent than in a reasonable level of assurance

Verification Standards:

The verification was carried out in accordance with ISO 14064-3: 2019 and ISO 14065: 2020.

Note: THAI WIRE PRODUCTS 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:

THAI WIRE PRODUCTS PUBLIC COMPANY LIMITED
4 I-5 RD., MAPTAPHUD INDUSTRIAL ESTATE, MAPTAPHUD, MUANG DISTRICT, RAYONG 21150
Thailand

Organizations GHG Report containing GHG Statement:

GHG Report (ts_250f8c1fc6) Rev03_6802-17

Organizational Boundary:

Operational Control

Locations included in the Organizational Boundary:

- Production
- Wastewater treatment plant
- Canteen
- Office

Other areas in boundary

Exclusions from Organisational Boundary:

Exclude Boundary of Sale office, Dormitory for employee

Justification: Dormitory for employee of the organization that area was not operational control boundary.

Scope of activities:

Manufacture of Steel Wires for Prestressed Concrete, Steel Wires Strands for Prestressed Concrete, Quenched and Tempered Wires for Prestressed Concrete, Galvanized Steel Wires, Galvanized Steel Wires Strands, Hard Drawn Steel Wires, Ordinary Low Carbon Steel Wires and Cold Drawn Steel Wires for Concrete Reinforcement.

Reporting Boundary:

Direct GHG Emissions (Scope 1)

- Stationary combustion from sources: NG for production, LPG for Metal Cutting, LPG for Canteen, Diesel Generator.
- Mobile combustion from sources: Diesel for Forklifts, Diesel for Van, Diesel for Cars
- Fugitives from sources: Refrigerants (R410A, R32, R407C), CH4 from use of Septic Tank, CO2 Fire Extinguisher.

Direct GHG Removals (Scope 1)

NA

Indirect GHG Emissions from imported energy (Scope 2)

- Imported Electricity; Location based

Indirect GHG emissions from transportation (Scope 3)

- Upstream transportation and distribution
- Waste generated in operations

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

- Purchased goods and services include Wire Rods and Chemicals.

Indirect GHG emissions associated with the use of products from the organization (Scope 3)

NA

Indirect GHG emissions from other sources (scope 3)

NA

Exclusions from Reporting Boundary:

Justification excludes the non-significant indirect emission as evaluated criteria of the organization procedure.

- Capital goods
- Fuel- and energy related activities
- Business travel
- Employee commuting
- Upstream leased assets
- Downstream transportation and distribution

Criteria for developing the organizational GHG Inventory:

ISO14064-1:2018

Reporting Period:

01/01/2024– 31/12/2024

2024	tCO2(e)
Direct Emissions (scope 1)	886.00
• Stationary combustion	787.70
• Mobile combustion	83.98
• Fugitives	14.33
Indirect Emissions from Imported Energy (scope 2) - Location Based	9,383.00
Indirect GHG emissions from transportation (Scope 3)	121,378.95
• Upstream transportation and distribution	1,982.52
• Waste generated in operations	103.42
Indirect GHG emissions from products used by organization (Scope 3)	
• Purchased goods and services include Wire Rods and Chemicals.	119,293.52
Indirect GHG emissions associated with the use of products from the organization (Scope 3)	NA
Indirect GHG emissions from other sources (scope 3)	NA
Total (location based)	131,647.95
R-22 Leakage (Separately report)	0

Note : The organization installed solar panel on rooftop. The electricity consumption from solar was collected data in periods year 2024 equal show 875,990 kWh