

Verification Opinion

CFV 788895

Verification Opinion

Verified as Satisfactory:

Based on the process and procedures conducted, the GHG statement contained in the GHG Report produced by THAI WIRE PRODUCTS 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.

Lead Verifier: Puinoon Lertjettanarom

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

Independent Reviewer: Mr.Naris Lapsunthornphithak and Mr.Idsara Losuwan / Co-reviewer.

Issue Date: 13/11/2023

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:

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 2021 GHG-R-001

Verification Standards:

The verification was carried out in accordance with ISO 14064-3: 2006 and ISO 14065: 2013

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 2021 GHG-R-001

Organizational Boundary:

Operational Control

Scope of activities:

Manufacture of Steel Wires for Prestressed Concrete, Steel Wires Strands 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
- Mobile combustion
- Refrigerant fugitives
- CH₄ from Septic tank
- CO₂ Fire Extinguisher

Indirect GHG Emissions from imported energy (Scope 2)

- Imported electricity - Location Based

Indirect GHG Emissions from other source (Scope 3)

- Purchased goods and service (Wire rod and mainly chemical)
- Waste generated in operations.
- Waste transportation

Exclusions from Reporting Boundary:

- Purchased goods and service (Supporting chemicals, consumable part, packaging)

Justification: non-significant indirect emission as the organization criteria is less than 1 score of evaluation or no emission factor data available.

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

Justification: Non-significant GHG emission sources as per result of evaluation as criteria of organization. GHG indirect emission selected to reporting decision from potential of priorities to action GHG reduction

Criteria for developing the organizational GHG Inventory:

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

Reporting Period:

01/01/2021 - 31/12/2021

	tCO2(e)
Direct GHG Emissions (scope 1)	899.83
Indirect GHG Emissions from Imported Energy (scope 2)	12,005.84
Indirect GHG emissions from other source (Scope 3)	123,435.43
Total (location based)	136,341.10