

Verification Report

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 – "GHGreport-Thai Nan Pao -2025-10-29" produced by Thai Nan Pao Resin Chemical Company Limited:	<ul style="list-style-type: none">• 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.
Lead Verifier	Tadpong Ratanasoponchai
Independent Reviewer	Kanchana Sukserm
Signed on behalf of BSI	Kuldhaj Bunbongkarn, Managing Director Assurance, Thailand
Issue Date	17 November 2025
BSI Group (Thailand) Co.,Ltd. 127/29 Panjathani Tower, 24th Floor Nonsee Road, Chongnonsee, Yannawa Bangkok. Thailand.	
Note: BSI Thailand is independent to and has no financial interest in Thai Nanpao Resin Chemical Company Limited. This 3rd party Verification Opinion has been prepared for Thai Nanpao Resins Chemical 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 Nanpao Resins Chemical 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	Thai Nanpao Resins Chemical Company Limited
Responsible party	Thai Nanpao Resins Chemical Company Limited
Verification Objectives	<p>To express an opinion on whether the organizational GHG Statement which is historical in nature:</p> <ul style="list-style-type: none"> • Is accurate, materially correct and is a fair representation of GHG data and information • Has been prepared in accordance with ISO14064-1:2018, and the criteria used by BSI to verify the GHG Organizational Statement
Materiality Level	5%
Level of Assurance	Limited
Verification evidence gathering procedures	<ul style="list-style-type: none"> • Evaluation of the monitoring and controls systems through interviewing employees observation & inquiry • Verification of the data through sampling recalculation, retracing, cross checking and reconciliation
<p>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 <i>verification</i></p>	
Verification Standards	The verification was carried out in accordance with ISO 14064-3: 2019, ISO 14065: 2020 and ISO 17029:2019
<p>Note: <i>Thai Nanpao Resins Chemical Company Limited</i> 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.</p>	

Organizational GHG Statement

Organization	Thai Nanpao Resins Chemical Company Limited
Organizations GHG Report containing GHG Statement	<p>GHG Report 2024</p> <p>GHG Report – "GHG Report-Thai Nan Pao -2025-10-29"</p> <p>Excel Cal. Sheet – "Verification sheet _ISO14064-1-2024年盤點資料AP.6"</p>
Organizational Boundary	Operational Control included Office, Wastewater treatment plant, and Factory (Production Area)
Locations included in the Organizational Boundary	<p>Thai Nanpao Resins Chemical Company Limited</p> <p>412 Kor, Moo 4, Preaksa, Amphur Muang Samutprakarn, Samutprakarn</p>
Scope of activities:	The design and manufacture of adhesive products
Reporting Boundary:	<p>Direct GHG Emissions (Scope 1)</p> <ul style="list-style-type: none"> • Stationary Combustion <ul style="list-style-type: none"> ◦ Fuel Oil Type A

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	<ul style="list-style-type: none"> ○ LPG for maintenance ● Mobile Combustion <ul style="list-style-type: none"> ○ LPG Trucks ○ Diesel Forklifts and Trucks ○ Gasoline Vehicles ● Fugitive Emissions <ul style="list-style-type: none"> ○ CH4 Leakage from Wastewater treatment plants and Septic Tank ○ Refrigerant Leakage (R32, R410a) ○ CO2 Leakage from fire Extinguisher
Direct GHG Removals (Scope 1)	-
Indirect GHG Emissions from imported energy (Scope 2)	Imported Electricity
Indirect GHG emissions from transportation (Scope 3)	<ul style="list-style-type: none"> ● Upstream transportation and distribution ● Employee Commuting ● Waste transportation
Indirect GHG emissions from products used by organization (Scope 3)	<ul style="list-style-type: none"> ● Materials and Chemicals use in operations (EVA-DA and Industrial Water) ● Fuel and energy related activities (Fuel Oil A, LPG, Diesel, Gasoline) ● Waste generated in operations
Indirect GHG emissions associated with the use of products from the organization (Scope 3)	<ul style="list-style-type: none"> ● Hazardous waste treatment (Adhesive waste and Contaminated materials)
Indirect GHG emissions from other sources (scope 3)	-
Exclusions from Reporting Boundary:	<p>Exclusion due to data collecting improvement:</p> <ul style="list-style-type: none"> - Sludge Removal <p>Exclusion of Gasoline vehicles usage from New Probational employee (Sales) in 2024</p> <p>Exclusion due to insignificant criteria:</p> <ul style="list-style-type: none"> - Business Travel - Client and visitor transport
Criteria for developing the organizational GHG Inventory:	ISO 14064-1:2018 (BS EN ISO 14064-1:2019) and client's GHG Report.
Reporting Period	1 Jan 2024 – 31 Dec 2024

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Y2024 (1 Jan 2024 – 31 Dec 2024)	tCO2(e)
Direct Emissions (scope 1)	
• Stationary Combustions	2.05
• Mobile Combustions	35.91
• Industrial process emission	-
• Fugitive Emissions	5.19
• Land use change	-
Indirect Emissions from Imported Energy (scope 2) - Location Based	75.41
Indirect GHG emissions from transportation (Scope 3)	
• Upstream transportation and distribution	6.85
• Employee Commuting	0.35
• Waste transportation	0.45
Indirect GHG emissions from products used by organization (Scope 3)	
• Materials and Chemicals use in operations	649.55
• Fuel and energy related activities	6.68
• Waste generated in operations	4.47
Indirect GHG emissions associated with the use of products from the organization (Scope 3)	
• Hazardous waste treatment	61.60
R-22 Separate Report (tCO2e)	0
Electricity generation from Solar Cell (kWh)	26,123.26
Total Scope 1+2 (Location based) (tCO2e)	118.57
Total Scope 1+2+3 (Location based) (tCO2e)	848.51

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