

Verification Report

Verification Opinion

Verified as Satisfactory	
Based on the process and procedures conducted, the GHG statement contained in the GHG Report: GHG 2022 Report - QT-PR-040.02.00 GHG Inventory Report issued on 05.07.2023	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	VinhKhang Truong
Independent Reviewer	DinhMinhTam Nguyen
Signed on behalf of BSI	<i>BSI Assurance UK Ltd: Matt Page - Managing Director UK and Ireland</i>
Issue Date	06/09/2023
BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Milton Keynes, MK5 8PP, UK	
NOTE: BSI Assurance UK Ltd is independent to and has no financial interest in POSCO YAMATO VINA STEEL JOINT STOCK COMPANY. This 3rd party Verification Opinion has been prepared for POSCO YAMATO VINA STEEL JOINT STOCK COMPANY 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 Assurance UK Ltd has assumed that all information provided to it by POSCO YAMATO VINA STEEL JOINT STOCK COMPANY, is true, accurate and complete. BSI Assurance UK Ltd accepts no liability to any third party who places reliance on this statement.	

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Verification Engagement

Organization	POSCO YAMATO VINA STEEL JOINT STOCK COMPANY
Responsible party	POSCO YAMATO VINA STEEL JOINT STOCK COMPANY N1 Street, Phu My 2 Industrial Zone, Phu My Ward, Phu My Town, Ba Ria Vung Tau Province, Vietnam
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-: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
Verification Standards	The verification was carried out in accordance with ISO 14064-3: 2006 and ISO 14065: 2013
Note: POSCO YAMATO VINA STEEL JOINT STOCK COMPANY 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		POSCO YAMATO VINA STEEL JOINT STOCK COMPANY
Organizations GHG Report containing GHG Statement		GHG 2022 Report - QT-PR-040.02.00 GHG Inventory Report issued on 05.07.2023
Organizational Boundary		Operational Control
Locations included in the Organizational Boundary <i>(if boundary is only the one site listed above this row can be removed)</i>		POSCO YAMATO VINA STEEL JOINT STOCK COMPANY N1 Street, Phu My 2 Industrial Zone, Phu My Ward, Phu My Town, Ba Ria Vung Tau Province, Vietnam
Scope of activities:		Manufacturing of hot-rolled structural steel, sheet piles, semi-finished steel product.
Reporting Boundary:	Direct GHG Emissions (Scope 1)	Scope 1: direct GHG emissions from stationary and mobile combustion, direct industrial process emissions and fugitive emission
	Indirect GHG Emissions from imported energy (Scope 2)	Scope 2: indirect GHG emissions from purchased electricity.
	Indirect GHG emissions from transportation (Scope 3)	Scope 3 – Category 3: Indirect GHG emissions from upstream transportation of raw materials and product delivery; emission from employee commuting
	Indirect GHG emissions from products used by organization (Scope 3)	Scope3 – Category 4: Indirect GHG emissions from used of purchased main and sub-materials and service of domestic and industrial waste treatment

Exclusions from Reporting Boundary:	The emissions from Scope 3 exclusive with: Category 5: indirect GHG emissions associated with end-use of sold products based on the total as result of significant evaluation of indirect GHG emission sources and have no activities data or difficulty in data collecting.
Criteria for developing the organizational GHG Inventory:	ISO 14064-1:2018 Facility's GHG management manual
Reporting Period	01/01/2022 - 31/12/2022

Greenhouse Gas Emission

tCO2(e)	Location Based
	2022
Direct Emissions (scope 1) non biogenic	74,036.37
Direct Emissions (scope 1) biogenic	80.69
Indirect Emissions from Imported Energy (scope 2)	224,517.99
Indirect GHG emissions from transportation (Scope 3)	55,589.87
Indirect GHG emissions from products used by an organization (Scope 3)	157,944.65
Total	512,169.57