

GREENHOUSE GAS VERIFICATION OPINION

ISO 14064-1:2018 – Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals

With application of the above standard the GHG Statement was verified by PT TÜV NORD Indonesia regarding its correctness and completeness.

PT PAIHO INDONESIA

Jl. Perintis Kemerdekaan km. 6 Kp. Cimenteng RT 001
RW 005, Sukamulya, Cikembar, Sukabumi Regency,
West Java



Acting as an independent Verification Body and considering all relevant GHG emissions, PT TÜV NORD Indonesia has carried out the verification in accordance with ISO 14064-3:2019 for the reporting period 01/01/2024 – 31/12/2024.

Reporting Boundaries :		
1. Direct GHG emissions and removal		1.151,68 t CO2eq
2. Indirect GHG emissions from imported energy		9.337,21 t CO2eq
3. Indirect GHG emissions from transportation		1.917,08 t CO2eq
4. Indirect GHG emissions from products used by organization		10.630,95 t CO2eq
5. Indirect GHG emissions associated with the use of products from organization		- t CO2eq
6. Indirect GHG emissions from other sources		- t CO2 eq
7. Storage		- t CO2eq
Materiality Threshold		5%

The Verification Opinion :

The Greenhouse Gas Emission data for 2024 disclosed in the GHG report as a result of verification audit held on the basis of international standard has been verified with Reasonable Assurance.

Based on the process and procedure conducted, GHG statement in PT Paiho Indonesia is materiality correct and a fair representation of the GHG data and information. The result of verification opinion is Modified.

Certificate Registration No. 05 17 G 25004

Verification Report No. I-G25003/2025

TÜV NORD Indonesia Verification Body
TÜV NORD Group

Jakarta, 2025-07-11

TÜV NORD Indonesia
Arkadia Green Park, Tower F
6th Floor, Suite 602-604,
Jl. TB. Simatupang Kav. 88
Jakarta Selatan 12520



ANNEX

GREENHOUSE GAS VERIFICATION OPINION

to Certificate Registration No. 05 17 G 25004

PT PAIHO INDONESIA

Jl. Perintis Kemerdekaan km. 6 Kp. Cimenteng RT 001 RW 005, Sukamulya, Cikembar, Sukabumi Regency, West Java



The reporting boundaries of PT Paiho Indonesia for the reporting period from 2024-01-01 to 2024-12-31 is as follows:

Category and Sub-Category	Notes	tonnes CO ₂ eq
Category 1 Direct GHG emissions and removals		
1.1 Direct emissions from stationary combustion	Factory PT Paiho	608,68
1.2 Direct emissions from mobile combustion	Factory PT Paiho	260,05
1.3 Direct process emissions and removals	Factory PT Paiho	26,41
1.4 Direct fugitive emissions arise from the release of greenhouse gases in anthropogenic systems	Factory PT Paiho	256,54
1.5 Direct emissions and removals from Land Use, Land Use Change and Forestry (LULUCF)	NS	0
Category 2 Indirect GHG emissions from imported energy		
2.1 Indirect emissions from imported electricity consumed	Factory PT Paiho	9.141,36
2.2 Indirect emissions from imported energi, including GHG Emissions related to the production of energi consumed by the organization through a physical network (steam, heating, cooling, compressed air) excluding electricity	Factory PT Paiho	195,84
Category 3 Indirect GHG emissions from Transportation		
3.1 Emissions from upstream transport and distribution for goods	Factory PT Paiho	864,51
3.2 Emissions from downstream transport and distribution for goods	Factory PT Paiho	93,61
3.3 Emissions from employee commuting includes emissions	Factory PT Paiho	880,93
3.4 Emissions from client and vistor transport	NS	0
3.5 Emissions from business travel	Factory PT Paiho	78,03
Category 4 Indirect GHG emissions from products used by organization		
4.1 Emissions from purchased goods	Factory PT Paiho	9.805,85
4.2 Emissions from capital goods	Factory PT Paiho	825,11
4.3 Emissions from the disposal of solid and liquid waste	NS	0
4.4 Emissions from use of assets	NS	0
4.5 Emissions from the use of services that are not described in the above subcategories (consulting, cleaning, maintenance, mail delivery, bank, etc)	NS	0
Category 5 Indirect GHG emissions associated with the use of products from organization		
5.1 Emissions or removals from the use stage of the product	NS	0
5.2 Emissions from downstream leased assets	NS	0
5.3 Emissions from end of life stage of the product	NS	0
5.4 Emissions from investments	NS	0
Category 6 - Indirect GHG from other sources	N/A	0

* NS: Non significant; N/A: Non available

Verification Body TÜV NORD Indonesia
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