



ASSURANCE STATEMENT

SGS (THAILAND) LIMITED'S REPORT ON SUSTAINABILITY ACTIVITIES IN THE PTT PUBLIC COMPANY LIMITED'S 56-1 ONE REPORT FOR 2022

NATURE OF THE ASSURANCE/VERIFICATION

SGS (THAILAND) LTD. (hereinafter referred to as SGS) was commissioned by PTT Public Company Limited (hereinafter referred to as PTT) to conduct an independent assurance of the 56-1 One Report 2022 (hereinafter referred to as the Report) or referred to in the Report by way of hyperlinks to PTT's corporate website (hereinafter referred to as the Website) for the year ended December 31, 2022 in accordance with the reporting criteria.

INTENDED USERS OF THIS ASSURANCE STATEMENT

This Assurance Statement is provided with the intention of informing all PTT's Stakeholders.

RESPONSIBILITIES

The information in the Report and its presentation are the responsibility of the directors or governing body (as applicable) and the management of PTT. SGS has not been involved in the preparation of any of the material included in the Report.

Our responsibility is to express an opinion on the text, data, graphs and statements within the scope of verification with the intention to inform all PTT's stakeholders.

ASSURANCE STANDARDS, TYPE AND LEVEL OF ASSURANCE

The SGS Sustainability Report Assurance protocols used to conduct assurance are based upon internationally recognised assurance guidance and standards including the principles of reporting process contained within the Global Reporting Initiative Sustainability Reporting Standards (GRI Standards) GRI 1: Foundation 2021 for report quality, GRI 2: General Disclosure 2021 for organisation's reporting practices and other organizational detail, GRI 3: Material Topics 2021 for organisation's process of determining material topics, its list of material topics and how to manages each topic and the guidance on levels of assurance contained within the AA1000 series of standards and ISAE3000.

The assurance of this report has been conducted according to the following Assurance Standards:

- AA1000ASv3 Type 2 (AA1000AP Evaluation plus evaluation of Specified Performance Information) at **Moderate Level**
- ISAE 3000, Assurance Engagements other than Audits or Reviews of Historical Financial Information at **Limited Level**
- ISAE 3410, Assurance Engagements on Greenhouse Gas Statements at **Limited Level**
- ISO 14064-3:2019 Greenhouse gases — Part 3: Specification with guidance for the verification and validation of greenhouse gas statements at **Limited Level**

SCOPE OF ASSURANCE AND REPORTING CRITERIA

The scope of the assurance included evaluation of quality, accuracy and reliability of specified performance information as detailed below and evaluation of adherence to the following reporting criteria:

- GRI Standards 2021 (In Accordance with)
- AA1000 Accountability Principles (2018)
- ISO 14064-1:2018 Greenhouse gases — Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals

SPECIFIED PERFORMANCE INFORMATION AND DISCLOSURES INCLUDED IN SCOPE

PTT's the Report and the Website are adequately in line with the Sustainability Reporting Standard and fulfills all the required content and quality criteria for the identified aspects of the following data expressed numerically or in descriptive text for the year ended 31 December 2022 listed as below;

- a) Environmental dimension performance indicators
 - o GRI 302-1 Energy consumption within organization
 - o GRI 302-3 Energy intensity
 - o GRI 303-3 Water withdrawal (2018)
 - o GRI 303-4 Water discharge (2018)
 - o GRI 305-1 Direct (Scope 1) greenhouse gas emissions
 - o GRI 305-2 Energy indirect (Scope 2) greenhouse gas emissions
 - o GRI 305-3 Other indirect (Scope 3) greenhouse gas emissions
 - o GRI 305-4 Greenhouse gas emissions intensity
 - o GRI 305-7 Nitrogen oxides (NOx), Sulfur oxides (SOx), and other significant air emissions (Volatile Organic Compounds : VOC)
 - o GRI 306-3 Waste generated (2020)
 - o GRI 306-4 Waste diverted from disposal (2020)
 - o GRI 306-5 Waste directed to disposal (2020)
 - o GRI 306-3 Significant spills
- b) Social dimension performance indicators
 - o GRI 403-9 Work-related injuries (2018)
 - o GRI 403-10 Work-related ill health (2018)
 - o GRI 404-1 Average hours of training per year per employee
 - o GRI 405-2 Ratio of basic salary and remuneration of women to men
- c) Economic dimension performance indicators
 - o GRI 201-1 Direct economic value generated and distributed – Community Investment

ASSURANCE METHODOLOGY

SGS's assurance engagements are carried out in accordance with assurance procedure.

The assurance comprised a combination of

- PTT's Management interviews, including the Sustainable Management team with responsibility for performance in the areas within scope
- Interview with data owners and managers responsible for internal data collection and reporting databases
- Document review of relevant systems, policies, and procedures where available
- Understanding, analysing and sample testing the key data collection, aggregation, validation and reporting systems, processes, procedures, and controls
- Sampling evidence to confirm the reliability of the selected reporting standards, selected 3 sites for onsite visit and remote audit as below:
 - o Rayong Gas Separation Plant
 - o Ban Rong Po LPG Terminal
 - o Region 12 Pipeline Operations Center.

The procedures performed in a limited assurance engagement vary in nature and timing from, and are less in extent than for, a reasonable assurance engagement. Consequently, the level of assurance obtained in a limited assurance engagement is substantially lower than the assurance that would have been obtained had a reasonable assurance engagement been performed.

LIMITATIONS AND MITIGATION

Financial data drawn directly from independently audited financial accounts has not been checked back to source as part of this assurance process.

STATEMENT OF INDEPENDENCE AND COMPETENCE

The SGS Group of companies is the world leader in inspection, testing and verification, operating in more than 140 countries and providing services including management systems and service certification; quality, environmental, social and ethical auditing and training; environmental, social and sustainability report assurance. SGS affirm our independence from PTT, being free from bias and conflicts of interest with the organisation, its subsidiaries and stakeholders.

The assurance team was assembled based on their knowledge, experience and qualifications for this assignment, and comprised auditors experienced in one or more of the following standards; AA1000, GRI, ISO 9001, ISO 14001, ISO 45001, ISO 50001, ISO 14064-1, ISO 14067, ISO 26000, SA 8000, GHG Verification/ Validation and experience on the SRA Assurance service provisions.

FINDINGS AND CONCLUSIONS

ASSURANCE/ VERIFICATION OPINION

On the basis of the methodology described and the verification work performed, nothing has come to our attention that causes us to believe that the specified performance information included in the scope of assurance is not fairly stated and has not been prepared, in all material respects, in accordance with the reporting criteria.

We believe that the organisation has chosen an appropriate level of assurance for the selected indicators for the year ended December 31, 2022 included in their reporting.

ADHERENCE TO AA1000 ACCOUNTABILITY PRINCIPLES STANDARD (2018)

INCLUSIVITY

PTT has considered sustainability's issues related to stakeholders from viewpoints of various sources. The survey and direct two-ways communication with investors, employee, customers, suppliers and other stakeholders were implemented to receive the concerning issues and organization's understanding of stakeholders.

MATERIALITY

Material topics have been identified in consideration of the requirements of international guidelines and stakeholder engagement. The material identified topics are deliberated on by external experts and the Corporate Governance and Sustainability Committee under Board of Directors level also reviewed the process of materiality assessment and confirmed the validity. The topics that are material to each stakeholder group are reported in appropriateness, and reflected their important and priority.

RESPONSIVENESS

Initiatives that address material topics are reported to stakeholders by disclosure in the report. The report also shows the relationship between these topics and the SDGs. The targets and the results for identified topics are also disclosed in the Report and the Website.

IMPACT

Risk evaluation has been demonstrated to identify environmental, social and governance impacts. Performance results related to key issued are reported in the Report and the Website. Sustainability performances identified have been disclosed changes in data over time. Target setting and performance status in qualitative and quantitative have been measured and reported for material topics.

Signed:

For and on behalf of SGS (Thailand) Limited



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7 March 2023

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