



LRQA Independent Assurance Statement

Relating to SANMAR for the Y2024 GHG Report

Terms of Engagement

This Assurance Statement has been prepared for Sanmar Denizcilik Makina ve Ticaret A.Ş.

LRQA was commissioned by Sanmar Denizcilik Makina ve Ticaret A.Ş. (SANMAR) to assure its GHG Report for the calendar year 2024, (hereafter referred to as “the Report”).

The Inventory relates to direct GHG emissions and indirect GHG emissions from Shipbuilding, after sales services, tugboat and pilotage services.

Sanmar’s geographical boundary includes its shipyard facilities for tugboat building and after sales service operations located at Tuzla Shipyard-Istanbul and Altınova Shipyard-Yalova; Tugboat Services- İzmir, İzmit and Antalya Ports; Pilotage Services- Samsun in Türkiye.

The main activities of the organization include producing tugboats and providing tugging and pilotage services.

The following GHG emissions were excluded from the GHG Inventory:

- GHG emissions related to the distribution losses from electricity consumed by the organization,
- GHG Emissions from client and visitor transport to the company's facility,
- GHG Emissions from capital goods that are purchased and amortized by the organization.
- GHG Emissions from end of life stage of products sold by the organization.

Management Responsibility

SANMAR management was responsible for preparing the GHG report in conformance with the criteria, ISO 14064–1:2018, and for maintaining effective internal controls over the data and information disclosed.

LRQA’s responsibility was to carry out an assurance engagement on the GHG Report in accordance with our contract with SANMAR.

Ultimately, the Inventory has been approved by, and remains the responsibility of SANMAR.

LRQA’s Approach

Our verification has been conducted in accordance with ISO 14064–3:2019, ‘*Specification with guidance for verification and validation of greenhouse gas statements*’ to provide limited assurance that GHG data as presented in the GHG Report have been prepared in conformance with ISO 14064–1:2018, ‘*Specification with guidance at the organizational level for quantification and reporting of greenhouse gas emissions and removals*’.

To form our conclusions the assurance engagement was undertaken as a sampling exercise and covered the following activities:

- conducted guided process tour and reviewed information related to the control of GHG emissions data and records;
- interviewed relevant staff of the organization responsible for managing GHG emissions data and records;
- reviewed activity data at the source level and summarised data;
- verified historical GHG emissions data and records at an aggregated level and back to source for the calendar year 2024.



Level of Assurance & Materiality

In accordance with our contract agreement, the assurance was conducted at a limited level of assurance at a materiality of 5% for Category 1 direct emissions, Category 2 indirect emissions from energy, Category 3 indirect emissions from employee commuting, Category 4 indirect emissions from use of products and services, and Category 5 indirect emissions from estimated emissions arising from tugboats and pilot vessels sold to clients. The opinion expressed in this Assurance Statement has been accordingly formed.

LRQA's Opinion

Based on LRQA's approach nothing has come to our attention that would cause us to believe that the GHG emissions disclosed in the GHG Report Y2024 as summarized in Table 1 below, are not materially correct, and that the Report has not been prepared taking in account the requirements of ISO 14064-1:2018.

LRQA's Recommendations

In order to improve future GHG emissions inventories and reports, SANMAR should consider the following scopes for improvement:

- Maintaining up-to-date information on the conversion factors used for emissions, considering the significance in total GHG emissions, and port processes.

Dated: 04 September 2025

Ö. Faruk Erdoğan
LRQA Lead Verifier
On behalf of **LRQA Limited**

Ketan Deshmukh
Technical Reviewer



LRQA reference number: IST6014086



Table 1. Summary of SANMAR GHG Emissions Inventory / Report Year 2024

Scope of GHG emissions	Tonnes CO₂e
Direct GHG emissions (Category 1)	13.113
Indirect GHG emissions from imported energy (Category 2, Location-based) *	329
Indirect GHG emissions from employee commuting and business travels (Category 3)	2.953
Indirect GHG emissions from products used by the organization (Category 4)	354
Indirect GHG emissions associated with the use of services from the organization (Category 5)	20.186
Indirect GHG emissions from other sources (Category 6)	0
Total GHG emissions	36.934
*Locations Based in Türkiye. Location based are terminologies from Annex E of ISO 14064-1:2018.	

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