



TÜRK STANDARDLARI ENSTİTÜSÜ



HEAD OF SURVEILLANCE AND INSPECTION CENTER  
GREENHOUSE GAS VERIFICATION STATEMENT FORM  
(ACCREDITED)



**Certificate Number** SER.006.2025/B00068  
**Report Number** SER.006.2025/R00045  
**Issued Date** 08/09/2025  
**Company Title** TRAKYA DÖKÜM SAN. VE TIC. A.Ş.  
**Company Address** Yeni Mahalle D-100 Karayolu Cad. 1. Yan Sok. No:3 Büyükkarıştıran OSB 39750 Lüleburgaz/KIRKLARELİ  
**Purpose of Verification** Verifying the Greenhouse Gas Statement dated 08/09/2025 of the company has been prepared according to TS EN ISO 14064-1:2019 standard for the period 01/01/2024 to 31/12/2024 and that the Greenhouse Gas Statement is free from material misstatements at "Reasonable Level of Assurance" according to the requirements of the TS EN ISO 14064-3:2019 standard.  
**Verification Methodology** Verification of the Greenhouse Gas Statement has been carried out in accordance with requirement of TS EN ISO 14064-3:2019 standard.  
**Techniques of Verification** Greenhouse gas information system controls and greenhouse gas data / information are evaluated by document review, site visits and recalculation methods and on the basis of the evidence of Greenhouse Gas Statement is verified.  
**Greenhouse Gas Statement Preparation Criteria/Program** TS EN ISO 14064-1:2019  
**Verification Period** 01/01/2024-31/12/2024  
**Base Year** 2021  
**Organizational Boundaries** Trakya Döküm Fabrikası Yeni Mahalle D-100 Karayolu Cad. 1. Yan Sok. No:3 Büyükkarıştıran OSB 39750 Lüleburgaz/KIRKLARELİ, Head Office Büyükdere Cad. Soyak Binası No:38 Kat 2 Şişli/İstanbul.  
**Types of Greenhouse Gases Verified GHG Emissions and Removals<sup>1</sup>**  
CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O, HFC, SF<sub>6</sub>  
Category 1 Direct Emissions 12,828.37 ton CO<sub>2</sub>e  
Category 2 Electricity Indirect Greenhouse Gas Emissions (Located Based) 85,068.88 ton CO<sub>2</sub>e  
Category 2 Electricity Indirect Greenhouse Gas Emissions (Market Based)<sup>2</sup> I-REC certificate for 48.092 MWh received  
Category 3 Indirect Emissions due to Transportation 38,603.88 ton CO<sub>2</sub>e  
Category 4 Indirect Emissions from Products/Services of the Organization 102,868.33 ton CO<sub>2</sub>e  
Category 5 Indirect Emissions related to use of Products 7,741.84 ton CO<sub>2</sub>e  
Category 6 Other Indirect Emissions - ton CO<sub>2</sub>e  
Direct Emissions from Biomass No emission from biomass  
GHG Removals Not quantified by the company  
Carbon Credits Not declared by the company  
**Level of Assurance** Reasonable Assurance Level  
**Verification Opinion** Verified as Satisfactory with Comments



Director of Sustainability and Climate Change

The distribution of the greenhouse gas emissions in relation to the subcategories is provided in the Annex of this Statement.  
2 According to the section "Annex E: Treatment of Electricity" and article "E.2.2 Additional Information" of the TS EN ISO 14064-1:2019 standard, when an organization uses contractual instruments, including renewable energy certificates, for greenhouse gas emission attributes, these transactions should be documented and reported separately; Market-Based Energy Indirect Greenhouse Gas Emissions shall not be subtracted from Location-Based Energy Indirect Greenhouse Gas Emissions. Since the "Market-Based Energy Indirect Greenhouse Gas Emissions" reported in Category 2 are not treated as emission reductions, they are reported separately without being subtracted from "Location-Based Energy Indirect Greenhouse Gas Emissions".



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ANNEX – DISTRIBUTION OF THE GREENHOUSE GAS EMISSIONS IN RELATION TO THE  
SUBCATEGORIES

**CATEGORY 1: DIRECT GHG EMISSIONS AND REMOVALS**

Category 1.1	Direct emissions from stationary combustion	4,492.55 ton CO <sub>2</sub> e
Category 1.2	Direct emissions from mobile combustion	527.17 ton CO <sub>2</sub> e
Category 1.3	Direct process emissions and removals arise from industrial process	7,749.53 ton CO <sub>2</sub> e
Category 1.4	Direct fugitive emissions arise from the release of greenhouse gases in anthropogenic systems	59.12 ton CO <sub>2</sub> e
Category 1.5	Direct emissions and removals from Land Use, Land Use Change and Forestry	- ton CO <sub>2</sub> e
Direct emissions in tonnes of CO <sub>2</sub> from biomass		-tons CO <sub>2</sub> e

**CATEGORY 2: INDIRECT GHG EMISSIONS FROM IMPORTED ENERGY**

Category 2.1	Indirect Emissions from Imported electricity	85,068.88 ton CO <sub>2</sub> e
Category 2.2	Indirect Emissions from Imported Energy	-ton CO <sub>2</sub> e

**CATEGORY 3: INDIRECT GHG EMISSIONS FROM TRANSPORTATION**

Category 3.1	Emissions from Upstream transport and distribution for goods	29,963.88 ton CO <sub>2</sub> e
Category 3.2	Emissions from Downstream transport and distribution for goods	7,367.30 ton CO <sub>2</sub> e
Category 3.3	Emissions from Employee commuting includes emissions	1,268.51 ton CO <sub>2</sub> e
Category 3.4	Emissions from Client and visitor transport	- ton CO <sub>2</sub> e
Category 3.5	Emissions from Business travels	5.02 ton CO <sub>2</sub> e

**CATEGORY 4: INDIRECT GHG EMISSIONS FROM PRODUCTS USED BY ORGANIZATION**

Category 4.1	Emissions from Purchased goods	101,212.89 ton CO <sub>2</sub> e
Category 4.2	Emissions from Capital goods	262.96 ton CO <sub>2</sub> e
Category 4.3	Emissions from the disposal of solid and liquid waste	34.42 ton CO <sub>2</sub> e
Category 4.4	Emissions from the use of assets	- ton CO <sub>2</sub> e
Category 4.5	Emissions from the use of services that are not described in the above subcategories (consulting, cleaning, maintenance, mail delivery, bank, etc.)	1,358.06 ton CO <sub>2</sub> e

**CATEGORY 5: INDIRECT GHG EMISSIONS ASSOCIATED WITH THE USE OF PRODUCTS FROM THE ORGANIZATION**

Category 5.1	Emissions or removals from the use stage of the product	7,411.38 ton CO <sub>2</sub> e
Category 5.2	Emissions from downstream leased assets	-ton CO <sub>2</sub> e
Category 5.3	Emissions from end of life stage of the product	330.46 ton CO <sub>2</sub> e
Category 5.4	Emissions from investments	-ton CO <sub>2</sub> e

**CATEGORY 6: INDIRECT GHG EMISSIONS FROM OTHER SOURCES**

... .. - tons CO<sub>2</sub>e

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