



# GHG Emissions Verification Statement



**Egyptian Styrene & Polystyrene Production Company (Estyrenics)**  
free zone area, El-Dekheila Port, Alexandria

## Verification Standard

**ISO 14064-1:2018**

## Scope

**Egyptian Styrene & poly Styrene Production Company** engaged **ISSC** to perform an independent verification of its GHG Inventory assessment and supporting evidence

The responsibility for the information in the GHG Inventory report lies with Estyrenics. ISSC's role is to provide independent assurance on whether the statements comply with ISO14064-3:2019 and ISO14064-1:2018

## Boundary

**The Estyrenics facility**, Located in **Alex**, Egypt





## Methodology

- **The verification process** was led by Tarek Rizk, GHG accounting Lead verifier at ISSC, and conducted in alignment with the **GHG Protocol, EVCR guidelines** and **ISO14064-3:2019 standard**, which provides specifications and guidance for verifying greenhouse gas statements.
- **A reasonable level of assurance** was achieved concerning the GHG statements. ISSC is confident that this verification process, combined with the review of the GHG inventory assessment and supporting documentation, provides a reliable basis for the conclusions drawn with The emission factors used were from **IPCC version 6**.
- **GHG emissions reported**, included carbon dioxide (CO<sub>2</sub>) methane (CH<sub>4</sub>), nitrogen oxides (NO<sub>x</sub>) and hydrofluorocarbons(HFCs). The total emissions have been quantified in tonnes of CO<sub>2</sub> equivalent (tCO<sub>2</sub>e).

## Verification Result

- **Scope 1:** Stationary Combustions, fugitive emission and Mobile Combustion : **6332.565tCO<sub>2</sub>e**
- **Scope 2:** Purchased electricity: **13775.531 tCO<sub>2</sub>e**

**Total emissions: 20108.0973 tCO<sub>2</sub>e**  
**Level of assurance: Reasonable assurance**  
**Uncertainty assessment: 2.8%**





## Assurance Opinion

**The allowed materiality threshold is  $\pm 5\%$ .  
Based on the verification process, ISSC provides reasonable assurance that the GHG emission statement:**

- No material misstatements, errors, omissions, misreporting or misrepresentations were identified.
- Aligns with **ISO 14064-3 and EVCR guidelines.**

In our opinion, Estyrenics Company has established appropriate systems for the collection, aggregation, and analysis of data, enabling accurate determination of GHG emissions within the defined reporting period and organizational boundaries

## Declaration of Independence

- The verification team and the independent reviewer-maintained independence from all activities related to calculating the GHG statement.
- Throughout the process, objectivity was preserved, and conclusions were drawn solely based on the evidence obtained

**ISSC confirms the absence of any conflicts of interest**

Verification Team Leader

ISSC Director

Independent Reviewer

