

# KSA GHG Emission Verification Statement

## SAMSUNG HEAVY INDUSTRIES Co., Ltd.

### 1. Verification Goal

The goals of greenhouse gas(GHG) emission verification (hereinafter referred to as 'verification') conducted by the Korean Standards Association are as follows.

- Confirming the conformity with standards and procedures of GHG emission and GHG emissions calculated within the scope of verification
- Checking the validity of declarations related to the organization's GHG emissions or removals
- Confirming the effective implementation of the organization's management of GHG emissions or removals
- Confirming the conformity of processes for implementing, managing and improving the organization's GHG emissions or removals estimates

### 2. Verification Scope

Korea Standards Association conducted verification of Scope 3 for Greenhouse Gas Declaration of SAMSUNG HEAVY INDUSTRIES Co., Ltd.

- Boundary : Scope3
  - \* Category 1 Purchased Goods and Services
  - Category 2. Capital Goods
  - Category 3 Fuel-and energy-related activities(not included in Scope 1 or 2)
  - Category 4 Upstream Transportation and distribution
  - Category 5 Waste generated in operations
  - Category 6 Business travel
  - Category 7 Employee commuting
  - Category 11 Use of sold products
  - Category 12 End-of-Life Treatment of Sold Products
- Year : 2022

### 3. Verification Criteria and Guidelines

Korean Standards Association conducted verification according to international standards and the standards and guidelines of the National Institute of Environmental Research.

- ISO 14064-1,3 : 2006
- Guidelines for reporting and certification of emissions from the GHG Emissions Trading System (Notification of the Ministry of Environment: No. 2022-279)
- 2006 IPCC Guidelines for National GHG Inventories
- WRI(World Resources Institute) Greenhouse Gas Protocol
- The Corporate Value Chain (Scope3) Accounting and Reporting Standard

### 4. Level of assurance verification and Responsibility

Korea Standards Association provides verification at limited level of assurance to strengthen GHG management for your company's GHG emissions.

### 5. Verification Limit

GHG emissions can be affected by factors such as data limits and uncertainties in the scope of verification, and inherent limitations may exist accordingly.

### 6. Verification Conclusion

No errors or false facts were found in SAMSUNG HEAVY INDUSTRIES Co., Ltd.'s GHG emissions verified through the ISO 14064-3 verification procedure within the scope of verification.

## Appendix. GHG emission in 2022

(unit : tCO<sub>2</sub>eq)

Categories	GHG Emissions
cat. 1 Purchased Goods and Services	4,087,391
cat. 2. Capital Goods	2,745
cat. 3 Fuel-and energy-related activities(not included in Scope 1 or 2)	19,794
cat. 4 Upstream Transportation and distribution	12,596
cat. 5 Waste generated in operations	3,455
cat. 6 Business travel	684
cat. 7 Employee commuting	2,500
cat. 11 Use of sold products,	31,230,651
cat. 12 End-of-Life Treatment of Sold Products	4,767
<b>Total</b>	<b>35,364,583</b>

※ Note: There is a difference between the total amount of emissions for each business site and total amount of emissions by types because when GHG emission is calculated, decimal point is round down.

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KOREAN STANDARDS ASSOCIATION