

Verification Opinion

Amkor Technology, Inc.

Scope

The GHG Emissions of Amkor Technology's manufacturing sites in the calendar year of 2021.

The verification calculated direct and indirect GHG emission based on the activity data from the GHG Emission Report for manufacturing sites of Amkor Technology.

- Complying with the suggestion of WRI/WBCSD GHG Protocol, the sources and the quantity of GHG emissions are calculated by applying operational control approach.

Data Verified

GHG emissions of manufacturing sites in 2021 are as follows:

	[Unit: ton CO2-e/yr]		
Country	Scope1	Scope2	Total Emissions
Korea	37,160.712	252,374.684	289,535
China	345.277	257,396.529	257,741
Taiwan	6,891.384	94,618.566	101,509
Japan	5,580.007	141,197.425	146,777
Malaysia	720.474	30,068.471	30,788
Philippines	492.112	183,482.305	183,974
Portugal	3,191.367	9,467.768	12,659
Total	54,381.333	968,605.748	1,022,987

* The total emissions can differ to a cut-off decimal point

GHG Criteria & Protocols used for Verification

This verification was performed at the request of **Amkor Technology, Inc.**, applying the following criteria and guidelines:

- ISO14064- Part 1 and Part 3 - Established 2006
- WBCSD/WRI GHG Guidance - Revised March, 2004
- IPCC GHG Guidance – Revised 2006
- US DOE, Technical Guidance Voluntary Reporting of GHG - Revised October, 2010
- Guideline for Reporting and Certification of Amounts of Emissions in the Greenhouse Gas Emission Permits Trading Scheme (Notification No. 2021-10 of the Ministry of Environment of Korea)
- BSI GHGEV Manual (KM007 R15)
- Global Warming Potentials-IPCC the fifth assessment report values (2014)
- GHGEV 1816 (Taiwan sites only)

The standard confidentiality principle of BSI Group Korea was applied to all verification activities.

Verification Opinion

As a result of the verification in accordance with the protocols and the best practice listed above, it is the opinion of BSI that:

- The verification was conducted with activity data and evidences provided by Amkor Technology, Inc. based on a limited level of assurance
- No material misstatement in the GHG emission calculations were detected, and relevant records were maintained appropriately
- The data quality was considered to be corresponding to the international key principles for GHG emissions verification

For and on behalf of
BSI:


Managing Director Korea, SeongHwan Lim

Issue: 28/04/2022

...making excellence a habit.™