

Verification Opinion

Amkor Technology, Inc.

Scope

The GHG Emissions of Amkor Technology's manufacturing sites in the calendar year of 2020.

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.
- The emissions of manufacturing sites outside of Korea & Taiwan were calculated for fixed combustion emissions and indirect emissions excluding mobile combustion emissions and process emissions.

Data Verified

GHG emissions of manufacturing sites in 2020 are as follows:

Country	Scope1	Scope2	Total Emissions
Korea	26,085.658	208,182.238	234,267
China	331.675	229,138.296	229,469
Japan	4,727.235	142,773.261	147,500
Malaysia	10.077	24,576.658	24,586
Philippines	596.540	181,237.960	181,834
Portugal	536.825	7,332.241	7,869
Taiwan	8,144.236	91,586.202	99,730
Total	40,432.246	884,826.856	925,255

[Unit: ton CO2-e/yr]

* 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 R14)
- 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, **KyeongSoo Song**

Issue: 07/07/2021

...making excellence a habit.™