

Verification Opinion

Amkor Technology, Inc.

Scope

The GHG Emissions of Amkor Technology's manufacturing sites in the calendar year of 2023.

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 2023 are as follows:

[Unit: ton CO2-e/yr]

Site List				Scope1 Emissions	Scope2 Emissions	Total Emissions
Location ID	Country	Location	Factory			
1	Korea	ATK	ATK3	1,405.968	36,467.354	37,873
1	Korea	ATK	ATK4	21,712.764	151,518.421	173,231
1	Korea	ATK	ATK5	16,744.629	114,127.580	130,872
2	Philippines	ATP	ATP1	2,676.748	106,176.372	108,853
2	Philippines	ATP	ATP3/4	660.325	113,213.474	113,874
3	China	ATC	ATC	4,188.163	167,150.257	171,338
4	Taiwan	ATT	ATT1	8,381.779	41,645.076	50,027
4	Taiwan	ATT	ATT3	48.171	38,067.737	38,116
5	Taiwan	ATT	ATT5	918.516	11,936.960	12,855
5	Taiwan	ATT	ATT6	35.266	14,669.603	14,705
6	Malaysia	ATM	ATM	763.854	22,231.615	22,995
7	Japan	ATJ	J3-Kumamoto	1,316.370	22,029.099	23,345
7	Japan	ATJ	J3-Shisui	62.700	20,752.876	20,816
7	Japan	ATJ	J4-Fukuoka	41.476	30,228.181	30,270
7	Japan	ATJ	J4-Kitakami	273.692	3,808.253	4,082
7	Japan	ATJ	J5-Oita	6.069	7,415.951	7,422
7	Japan	ATJ	J5-Usuki	510.352	21,090.717	21,601
7	Japan	ATJ	J6-Fukui	1,719.163	13,822.591	15,542
7	Japan	ATJ	J7- Hakodate	2,382.736	22,636.573	25,019
7	Japan	ATJ	Sales-Tokyo	1.965	42.313	44
8	Portugal	ATEP	ATEP	2,375.530	10,626.323	13,002
9	Vietnam	ATV	ATV	1,106.419	6,109.157	7,216
10	US	ATI	ATI	0.000	163.634	164
11	Singapore	ATSH	ATSH	0.000	46.921	47
12	Taiwan	ATSH-Taiwan	ATSH-Taiwan	0.000	123.994	124
14	Germany	ATH-Germany	ATH-Germany	0.000	3.867	4
18	Philippines	AAPI(under ATP)	AAPI(under ATP)	0.000	18.609	19
19	Philippines	IRC (Under ATP)	IRC (Under ATP)	0.000	0.294	0
20	Philippines	AWS LLC	AWS LLC	0.000	0.294	0
23	China	ATSH	Shanghai Office	0.000	10.296	10
Total Emissions in 2023(tCO2-eq/yr)				67,332.653	976,134.394	1,043,466

* 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:

- A Corporate Accounting and Reporting Standard, WBCSD/WRI - Revised March 2004
- IPCC Guidelines for National Greenhouse Gas Inventories - Revised 2006
- ISO14064-1:2018 & ISO 14064-3:2019
- US DOE, General Guidelines for Voluntary Greenhouse Gas Reporting - Revised October 2010
- BSI GHG Emissions Verification Manual(KM007 R18) - Revised 2022
- Global Warming Potentials- IPCC the fourth assessment report values (2007)
- Guideline for Reporting and Certification of Amounts of Emissions in the Greenhouse Gas Emission Permits Trading Scheme (Notification No. 2023-221 of the Ministry of Environment of Korea)
- BSI GHGEV Manual (KM007, R18)
- GHGEV 1816 (Taiwan operations 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 evidence provided by Amkor Technology, Inc. based on a reasonable level of assurance.
- No material misstatement in the GHG emission calculations were detected, and relevant records were maintained appropriately.
- The data quality considered to be corresponding to the international key principles for GHG emissions verification.

For and on behalf of
BSI:

Issue: 27/02/2024



Managing Director Korea, SeongHwan Lim

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