Verification Opinion

Amkor Technology, Inc.

Scope

The GHG Emissions of Amkor Technology's manufacturing sites in the calendar year of 2022.

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 2022 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	2,510.004	41,541.169	44,051
1	Korea	ATK	ATK4	22,044.222	156,769.821	178,814
1	Korea	ATK	ATK5	19,160.917	98,531.574	117,692
2	Philippines	ATP	ATP1	809.712	106,244.008	107,053
2	Philippines	ATP	ATP3/4	247.029	122,740.455	122,987
3	China	ATC	ATC	228.914	194,737.998	194,966
4	Taiwan	ATT	ATT1	7,751.278	41,385.496	49,136
4	Taiwan	ATT	ATT3	120.830	39,146.946	39,267
5	Taiwan	ATT	ATT5	1,622.982	12,577.141	14,200
5	Taiwan	ATT	ATT6	11.268	15,071.873	15,083
6	Malaysia	ATM	ATM	236.223	24,279.013	24,515
7	Japan	ATJ	J3-Kumamoto	1,203.640	25,546.893	26,750
7	Japan	ATJ	J3-Shisui	28.048	23,548.733	23,576
7	Japan	ATJ	J3-Fukuoka	92.462	28,503.243	28,595
7	Japan	ATJ	J3-Kitakami	0.497	3,972.248	3,972
7	Japan	ATJ	J3-Oita	5.654	8,171.681	8,177
7	Japan	ATJ	J3-Usuki	525.145	21,385.806	21,910
7	Japan	ATJ	J3-Fukui	1,647.894	13,591.384	15,239
7	Japan	ATJ	J3- Hakodate	2,625.663	24,039.258	26,654
7	Japan	ATJ	Sales-Tokyo	2.675	38.580	41
8	Portugal	ATEP	ATEP	3,292.142	9,836.612	13,128
10	US	ATI	ATI	0	171.452	171
11	Singapore	ATSH	ATSH		45.446	45
13	France	ATES	ATES		2.811	2
14	Germany	ATH-Germany	ATH-Germany	0	3.781	3
18	Philippines	AAPI(under ATP)	AAPI(under ATP)		0.294	0
19	Philippines	IRC (Under ATP)	IRC (Under ATP)	0	0.294	0
20	Philippines	AWS LLC			18.609	18
Total Emissions in 2022(tCO2-eq/yr)				**64,167.197**	**1,012,025.653**	**1,076,192**

※ 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
- ISO 14064-1: 2018, ISO 14064-3:2019
- US DOE, Technical Guidance Voluntary Reporting of GHG - Revised October,2010
- BSI GHGEV Emissions Verification Manual (KM007 R18)
- Global Warming Potentials – IPCC the fourth assessment report values (2007)

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 limited 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:

Managing Director Korea, SeongHwan Lim

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