Report No. 04124GHGA20146

GHG Verification Report

Responsible party:Multek Zhuhai Co., Ltd.

Site inspection date: March 29, 2024

Compile date: May 22, 2024

Approval date: May 28, 2024

CTI Certification Co., LTD.

Abstract – Verification Opinion

Responsible party:

Multek Zhuhai Co., Ltd.

Level of assurance

☒ Level of reasonable assurance

☐ Level of limited assurance

Substantial Threshold: 5%

Boundary(ies) :

Verified greenhouse gas statement:

The 2023 Greenhouse Gas Inventory Report of Multek Zhuhai Co., Ltd.

Organizational boundaries:

All facilities under the operational control approach related to greenhouse gas emissions and removals of Multek Zhuhai Co., Ltd., located in No.3 Haiye East Road,SanZhao Town,Jinwan, Zhuhai City, Guangdong Province, China.

Scope of business and activities:

Production and sales of PCB.

Time period:

January 1, 2023- December 31, 2023

GHG Category(ies):

☒Category1 ☒Category2 ☒Category3 ☒Category4 ☐Category5 ☐Category6

Site inspection date:

March 29, 2024

On-site review method:

☒ Site assessment ☐ Remote review

Places where remote verification is carried out in multiple places:_____

Standards Applied to Verify GHG Emission Inventory and Report

☒ ISO 14064-1:2018

☐ Other Requirements:

Verification programme

☒ ISO/IEC 17029:2019

☒ ISO 14065:2020

☒ ISO 14064-3:2019

☒ ISO 14066:2011

☐ Other designated GHG programs:

Members of Verification Team

Team Leader：	**Huang yangbin**	**Signature:**	Huang Yangbin
Members：	**Li xiaojing**	**Signature:**	Li Xiaojing
Technical Reviewer：	**Li lian**	**Signature:**	Li Lian

GHG Emission Report Summary

Category	GHG	CO_2	CH_4	N_2O	HFCs	PFCs	SF_6	NF_3	Total GHG Emission
Category 1	Emission (tCO_2e/year)	6.57	64.92	0.16	133.48	0.00	0.00	0.00	205.12
	Percentage in total emission	3.20%	31.65%	0.08%	65.07%	0.00%	0.00%	0.00%	100.00%
Category 2	Emission (tCO_2e/year)	10554.13	0.00	0.00	0.00	0.00	0.00	0.00	10,554.13
	Percentage in total emission	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Category 3	Emission (tCO_2e/year)	245.38	0.00	0.00	0.00	0.00	0.00	0.00	245.38
	Percentage in total emission	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Category 4	Emission (tCO_2e/year)	5789.36	0.00	0.00	0.00	0.00	0.00	0.00	5789.36
	Percentage in total emission	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Category 5	Emission (tCO_2e/year)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
	Percentage in total emission	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Category 6	Emission (tCO_2e/year)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
	Percentage in total emission	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total	Emission (tCO_2e/year)	16595.44	64.92	0.16	133.48	0.00	0.00	0.00	16,794
	Percentage in total emission	98.82%	0.39%	0.00%	0.79%	0.00%	0.00%	0.00%	100.00%

Verification Statement and Opinions

According to the data and information provided by Multek Zhuhai Co., Ltd. , CTI has carried out the verification activities in accordance with ISO 14064-1:2018 Greenhouse gases — Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals. CTI provides assurance that: the GHG Emission from January 1, 2023 to December 31, 2023 reported by Multek Zhuhai Co., Ltd. are verifiable and meeting the requirements of the standards of ISO 14064-1:2018.

CTI concludes that: the GHG assertion is substantially correct and fairly statement of GHG data and information. (Note: the conclusion relates to the specific level of assurance selected).

Multek Zhuhai Co., Ltd. is responsible for the preparation and fair presentation of greenhouse gas emission reports according to the guidelines.

The verification team is responsible for expressing an opinion on the greenhouse gas emission report based on the verification.

1 BRIEF INTRODUCTION

1.1 Objectives

The verification work is implemented in accordance with ISO 14064-1:2018. To be able to provide a level of reasonable assurance, CTI has implemented the following procedures we consider appropriately:

- Taking sampling test source data to check data and documents.
- Confirming the calculation is correct.
- On-site inspection of instruments and reported GHG Emission.
- Conducting face-to-face interviews and discussions with relevant personnel involved in systems, procedures, and operation control.
- Observations and checking related documents.

CTI confirms that we are not aware of any actual or perceived conflict of interest when completing this agreement.

1.2 Scope

CTI is contracted to carry out the verification of the GHG Inventory Report (Initial release date: February 10, 2024, final release date: April 10, 2024, coverage period: January 1, 2023 - December 31, 2023) of Multek Zhuhai Co., Ltd. . The verification was implemented on March 29, 2024 in accordance with the verification plan, which provides an opinion at the level of reasonable assurance on whether the 2023 GHG Inventory of Multek Zhuhai Co., Ltd. has made fair presentation in all material aspects in accordance with the standards of ISO 14064-1:2018.

1.3 Level of Assurance

The assurance level selected for this verification activity is a reasonable assurance level, and the substantial threshold is 5%.

2 OVERVIEW OF VERIFICATION ACTIVITIES

2.1 Verification Evidence Collection Procedures and Evaluation

The verifier implemented evidence gathering activities and reviewed the following as determined by the risk assessment:

No.	Content of the Review	Brief description of evidence collected	Accreditation Findings or Evaluation of GHG

		(describe in parentheses below or add additional records if needed)	Statement/GHG Management
a	Operations and activities related to GHG sources, sinks and reservoirs; identification of emission sources;	☒ Organization Structure Chart ☒ Process flow diagram ☒ List of equipment ☒ List of emission sources ☐ Others ( )	The identification of GHG emission sources of the enterprise was carried out by reviewing the enterprise organization chart and the GHG inventory report, and the identification of emission sources was found to be comprehensive.
b	GHG data management and control system: a) Selection and management of GHG data and information; b) Processes for collecting, processing, summarizing and reporting GHG data and information; c) Systems and processes to ensure the validity and accuracy of GHG data and information; d) the design and maintenance of the GHG information system;	☒ Documentation Records Control Procedures ☒ Greenhouse Gas Quantification and Reporting Management Program ☐ Other regulatory requirements ( )	Through communication with enterprise managers and review of GHG quantification and reporting management documents, the enterprise's regulations on GHG data management and control system are clear, and the management of GHG data and information is more effective and accurate.
c	Infrastructure;	☒ Plane layout	The verification team conducts on-site surveys of all

			production processes and physical buildings to verify consistency.
d	Equipping, calibrating and monitoring of GHG-related measuring equipment;	☒ List of GHG-related measuring equipment ☒ Evidence of calibration of GHG-related metrology equipment	Enterprises have established a list of GHG-related measuring equipment, which is regularly updated
e	The equipment information, supporting assumptions and calculation methods involved in the GHG emissions calculation process, and the consistency with the actual situation;	☒ Photographs of relevant equipment ☐ Other regulatory requirements ( )	The verification team identified on-site working facilities and took relevant site photographs.
f	Identification of processes affecting emissions and management of material flows;	☐ Processes affecting emissions (not involving process emissions) ☐ Evidence of material flow (not related to process emissions)	Does not involve process emissions
g	Scope and boundaries (organizational boundaries, reporting boundaries); Results of previous verifications, if available and appropriate, to be compared;	☒ GHG statement ☒ Previous GHG verification results	The verification team confirmed on-site that the enterprise boundary is all facilities generating GHG emissions and removals located in No.3 Haiye East Road,SanZhao Town,Jinwan, Zhuhai City, Guangdong Province, China., as determined by the organization in

			accordance with the principle of right to operational control. GHG verifications have been carried out in previous years and the last verification year was 2022, with no change in scope or boundaries from the previous year.
h	Conformity with operational and data collection procedures;	☒ Relevant records ☐ Other ( )	By reviewing relevant records and communicating with site personnel, the business operation and data collection procedures are reasonable and compliant.
i	Personnel activities with potential impact on materiality;	☒ Training Management Procedures ☒ Procedure Plan ☒ Training Records	By reviewing relevant records and communicating with site personnel, the business operation and data collection procedures are reasonable and compliant.
j	Sampling equipment and sampling methods;	☒ Sampling plan and instructions	1 production site, not involving sampling.
k	Monitoring practices in accordance with requirements established by the Responsible Party or specified in the Guidelines;	☒ Evidence of routine monitoring by the responsible party	Meter reading records, usage records, testing records.
l	Calculations and assumptions	See 2.3 for details	Not involved

	made in determining GHG data, emissions, and, where applicable, emission reductions and removal increments;		
m	Establishment and implementation of quality control and quality assurance procedures to prevent or identify and correct any errors or omissions in the reported monitoring parameters.	☒ Greenhouse gas quality management procedures ☒ Evidence of implementation of GHG quality management procedures ( )	The enterprise has established and implemented a GHG management system document that effectively prevents or identifies and corrects any errors or omissions in reporting monitoring parameters.
n	Selection and applicability of base year	☒ GHG Representation	The fixed base year is adopted, and 2018 is the first inventory year of the enterprise, with normal production and operation throughout the year, so it is set as the base year, which meets the requirements. 2018 annual emissions 13,303tCO_2e (Category 1-2), total output 171161.72m^2, emission intensity 77.72kgCO_2e/m^2.
o	Establishment and implementation of GHG emission reduction targets		Reduction target: Reduce greenhouse gas emissions by 50% from 2021 to 2030, using 2018 as the base year.

			Emissions in 2023 are 10,759tCO2e (category 1-2), total output is 119,675.92m2, and emission intensity is 89.90kgCO2e/m2. Compared with 2018 (base year), total emissions in 2023 are reduced by 13.56% ， Carbon emissions per unit product increased by 23.63%. Compared with the year 2022, the total emissions in 2023 decreased by 12.29%, and the carbon emissions per unit product increased by 18.20%.

2.2 Confirmation of changes since the last verified GHG statement

Prior year verification: ☒ Yes(☒ CTI ☐ Non-CTI) ☐ No (no confirmation required)

No.	Changes	Changes	Conformity of GHG statement with changed situation (if not, there should be a record of rectification verification)
a	Substantial unexplained changes in emissions, removals, and storage;	☐ Yes( ) ☒ No	☒ Conformity ☐ Non-conformity ( )
b	An increase in the number of GHG source, sink and reservoir sites or facilities that are material to the GHG statement;	☐ Yes() ☒ No	☒ Conformity ☐ Non-conformity ( )
c	Substantial changes in the scope or boundary of the report;	☐ Yes() ☒ No	☒ Conformity ☐ Non-conformity

			( )
d	A significant change in data management involving a specific site or facility.	☐ Yes( ) ☒ No	☒ Conformity ☐ Non-conformity ( )

2.3 Verification of GHG emissions data and information

Activity and Emission Source	Document	Verification Findings
Direct Emission from stationary combustion (☒ Applicable ☐ Not Applicable)	☐ Delivery note ☐ Invoice ☒ Record of use ☒ Emission factors	The diesel consumption of the generator is based on the diesel consumption record table. The generator was not used or purchased in 2023.
Direct Emission from mobile combustion (☒ Applicable ☐ Not Applicable)	☒ IC Card Fueling Ledger ☒ Fueling invoice ☐ Mileage driven by the vehicle ☒ Vehicle inventory ☒ Emission factor	The gasoline and diesel consumption of official vehicles is subject to the gasoline and diesel apportionment table (the gasoline and diesel consumption of the three regions of the Multek Industries Limited, Multek Zhuhai Co., Ltd. and Multek China Co., Ltd. are apportioned according to the total fuel consumption and the proportion of the number of people), which is the same as in previous years, that is, the gasoline consumption of official vehicles in Multek Zhuhai Co., Ltd. is 1,452.33 kg, and the diesel consumption of official vehicles is 492.06 kg.
Direct Emission from process activities (☒ Applicable ☐ Not Applicable)	☒ Statistics ☒ Inventory records ☒ Calculation Methods ☒ Emission factors	The acetylene receiving record is missing. After verification, the acetylene material requisition record is the actual consumption,

		that is, the acetylene consumption is 12kg; Potassium permanganate was cross verified based on the receiving and receiving records, and the actual consumption was based on the receiving records. The confirmed consumption on site was 4497.85 kg.
Direct fugitive Emission: Refrigeration system (☒ Applicable ☐ Not Applicable)	☒ Refrigerant charging records ☐Refrigerant purchase records ☒ Calculation Methods ☒ Emission factors	The on-site verification confirmed that the refrigerant R134A， R22， R407C) emission source was involved in the enterprise, and it was confirmed by checking the charging record that only R22 was charged in 2023, and the filling amount was 68.1kg.
Fire-fighting System (☒ Applicable ☐ Not Applicable)	☐ Purchase Record ☒ Invoice ☒ Calculation method ☒ Emission factor	The verification team confirmed on site that the enterprise involved the emission source of HFC-2 gas fire extinguishers, and confirmed that HFC-2 was not filled in 2023 by reviewing procurement records..
Septic tank/sewage treatment tank (☒ Applicable ☐ Not Applicable)	☒ Design parameters of sewage treatment facilities ☒ Design parameters of septic tank ☒ Calculation Methods ☒ Emission factors	Check the check-in schedule of the inspected party, and estimate the annual septic tank BOD production volume based on the monthly attendance and monthly production time as the active data source of CH4 escape discharge of domestic wastewater. The depth of the septic tank is greater than 2 m, and the total BOD production is 4,844.10kg.

SF_6 (☐ Applicable ☒ Not Applicable)	☐ SF_6 charging records ☐ Calculation Methods ☐ Emission factors	Not involved
Category 2 Indirect emissions of GHG from external energy inputs		
Indirect Emission from electricity consumption (☒ Applicable ☐ Not Applicable)	☒ Electricity bill ☒ Invoice ☒ Calculation method ☒ Emission factor	Check the electricity bill and electricity invoice, the data is consistent, this year the whole plant electricity consumption is 18,506,280.00kWh.
Indirect Emission from a CHP facility, imported steam, district heating, and district cooling (☐ Applicable ☒ Not Applicable)	☐ Monthly utilities bill ☐ Fuel and efficiency data from suppliers ☐ Emission factors	Not involved
Category 3 Indirect GHG emissions from transportation		
Emissions from upstream transport of goods (☒ Applicable ☐ Not Applicable)	☒ Procurement records ☒ Transportation distance ☒ Calculation method ☒ Emission factors	The on-site communication of the verification team, combined with the raw material consumption ledger provided by the enterprise and the related information of procurement and transportation, confirmed the data of cargo upstream transportation and distribution tonnage kilometers as truck: 297209.21 t • km; By sea: 963.02 t • km.
Emissions from downstream transport and distribution for goods (☒ Applicable ☐ Not Applicable)	☒ Product sales volume ☒ Transportation distance ☒ Calculation method ☒ Emission factors	The on-site communication of the verification team, combined with the product sales information provided by the enterprise, confirmed the data of the downstream transportation and distribution tonnage kilometers of goods as truck:

		12246.16 t • km; By air, 255.75t • km.
Emissions from business travels (☒ Applicable ☐ Not Applicable)	☒ Business trip records ☒ Travel distance ☒ Calculation Methods ☒ Emission factors	The verification team communicated on the spot, combined with the business travel records provided by the enterprise, and confirmed that the business travel mainly involved flight, and the number of people kilometers was 3215100 people • km.
Emissions from employee commuting include emissions related to the transporting of employees form homes to their workplaces (☒ Applicable ☐ Not Applicable)	☒ Commuting modes ☒ Commuting distance ☒ Calculation Methods ☒ Emission factors	The on-site communication of the verification team, combined with the shuttle bus commuting records provided by the company, confirmed that the commuting of employees mainly involves bus transportation, and the number of people kilometers is 5474.00 people • km.
Emissions from client and visitors transport (☐ Applicable ☒ Not Applicable)	☐ Transportation modes ☐ Travel distance ☐ Emission factors ☐ Calculation Methods	Not involved
Category 4 Indirect GHG emissions from products used by the organization		
Emissions from purchased goods (☒ Applicable ☐ Not Applicable)	☒ Purchasing ledger ☒ Emission factors ☒ Calculation Methods	The verification team communicated on site, combined with the raw material consumption ledger and office supplies consumption ledger provided by the company, and confirmed the carbon emission related data generated by the purchased goods in the production process.
Emissions from capital	☒ Procurement category	The verification team

goods (☒ Applicable ☐ Not Applicable)	☒ Purchase amount ☒ Emission factor ☒ Calculation method	communicated on the spot, combined with the asset goods procurement details provided by the enterprise, and confirmed that the total amount of capital goods purchased was 2388000 yuan, that is, 370,175.17 US dollars (according to the exchange rate of 6.451RMB in 2021, USD is not involved).
Upstream emissions from energy and electricity (☐ Applicable ☒ Not Applicable)	☐Invoices ☐Purchase records ☐Operating ledgers ☐ Emission factors ☐Calculation Methods	Not involved
Waste disposal (☒ Applicable ☐ Not Applicable)	☒ Reporting records ☒ Emission factors ☒ Calculation method	Non-conformance: the waste disposal data in the enterprise inventory report, inventory and basic data statistics table are wrong and need to be revised; According to ISO 14064-1:2018 6.2.2 Selection and collection of quantified data Closed: Revised and corrected basic data sheets, inventories and inventory reports, closed on April 10, 2024.
Waste transportation (☐ Applicable ☒ Not Applicable)	☐Waste disposal and transportation modes ☐Haul distance ☐ Emission factors ☐Calculation Methods	Not involved
Emissions from the use of organizational assets (☐ Applicable ☒ Not	☐ Lease amount ☐ Emission factor ☐ Calculation method	Not involved

Applicable)		
Emissions from services purchased by the organization (☐ Applicable ☒ Not Applicable)	☐Purchasing ledger ☐ Emission factors ☐ Calculation Methods	Not involved
Category 5 Indirect GHG emissions associated with the use of organizational products		
Emissions from downstream processing of products (☐ Applicable ☒ Not Applicable)	☐ Product Sales Area ☐ Processing costs ☐ Calculation method	Not involved
Emissions from the use phase of the product (☐ Applicable ☒ Not Applicable)	☐ Product sales area ☐ Design parameters for product use ☐ Emission factors ☐ Calculation method	Not involved
Emissions from downstream leased assets (☐ Applicable ☒ Not Applicable)	☐ Lease amount ☐ Emission factor ☐ Calculation method	Not involved
End-of-life disposal of products (☐ Applicable ☒ Not Applicable)	☐ Waste disposal method ☐ Waste disposal weight ☐ Emission factor ☐ Calculation method	Not involved
Investment Emissions (☐ Applicable ☒ Not Applicable)	☐ Investment amount ☐ Emission factors ☐ Calculation method	Not involved

2.4 面谈的人员及发现

Name	Department	Title	Interviews	Verification Findings
Huo	EHS	Manager	The basic information of the enterprise, the scope	/

guoqiang			of organizational boundaries, the base year, and the identification of emission sources are preliminarily understood.	
Pang Jierong	EHS	Assistant EHS Manager	Introduced greenhouse gas quality management to understand the company's emission reduction targets, energy-saving measures, and Check of solid waste ledger data. During the on-site verification process.	The data in the current enterprise's solid waste ledger is inconsistent with the actual situation, so a non conformity item has been issued.
Zhang Yude	FS	Engineer	Check the refrigerant and fire extinguisher filling data..	/
Gao Xiying	SCM	Senior Manager	Check the procurement status of raw and auxiliary materials.	/
Zhan Ruirui	FIN	Senior Commissioner	Check invoices and fixed asset status..	/
Wen Yuying	HR	Senior Commissioner	Check personnel, working hours, and other information.	/
Chen Simei	ADM	Specialist	Check the procurement of office supplies, shuttle bus commuting, and other related situations.	/

2.5 Scope of the use of ICT verification in remote verification and its effectiveness in achieving the purpose of the verification (applicable to remote verification)

On-site verification, not involving remote verification.

2.6 Internal Quality Control

Before submitting the report, the verification report undergone an independent review. The independent review is carried out by an independent peer reviewer who meets the organization's GHG verification requirements of the CTI Certification Ability Management Program.

3 VERIFICATION FINDINGS

3.1 Site Verify

The organizational boundaries of this report including all production and operation activities related to GHG emission in the plant area and living area of Multek Zhuhai Co., Ltd. locates at No.3 Haiye East Road,SanZhao Town,Jinwan, Zhuhai City, Guangdong Province, China.

3.2 Organizational boundaries of the report

The organizational boundary of the report covers all production operations related to GHG emissions.

3.3 Reporting boundaries included in the calculation

Category	Subcategory	Emission source specific description
Category 1: Direct GHG emission	Stationary combustion sources	Generator (diesel)
	Mobile combustion sources	Official car (gasoline/diesel), Forklift truck (diesel)
	Sources of fugitive emission from human activities	Sunk copper line（$KMnO_4$）, atomic Absorption spectrometer (acetylene)
	Sources of emission from industrial process	Septic tank (CH_4)； Air conditioner (R134a)；Compressed air refrigeration dryer(R22)；Air conditioner (R22) ；Air conditioner (R407c)； Automatic fire extinguishing system in electricity

		room(HFC-227ea).
	Sources of emission from land use, land use change and forestry	Not involved.
Category 2: Indirect GHG emission from Imported Energy	Imported energy	Purchased electricity
	Indirect emissions from energy inputs	Not involved.
Category 3: Indirect GHG emissions from transport	Emissions from upstream transportation and distribution of goods	Raw and auxiliary materials transportation, packaging materials transportation (freight, sea)
	Emissions from downstream transportation and distribution of goods	Product transportation (freight, sea, air)
	Emissions from employee commuting	Employee Commuting (bus)
	Emissions from customer and visitor transportation	Not involved
	Emissions from business travel	Business Travel (Flying)
Category 4: Indirect GHG emissions from products used by the organization	Emissions from the production of purchased goods	Raw and auxiliary materials, packaging materials, office supplies
	Emissions from capital goods	capital goods
	Emissions from solid and liquid waste disposal	waste management
	Emissions from the use of assets	Not involved
Category 5: Direct GHG emissions associated with the use of tissue products	GHG emissions from the use phase of the product	Not involved
	Emissions from downstream leases	Not involved

	Emissions from end-of-life disposal of products	Not involved
	Emissions from investment	Not involved
Category 6: Indirect GHG emissions from other GHG sources	/	Not involved

3.4 GHG information management

The relevant GHG inventory responsibilities are defined in the procedure document and the GHG inventory report. The verification team inspected the GHG information management system, which includes inventory, recording, data calculation, summarization and GHG information management, and it meets the requirements of the verification guidelines.

3.5 GHG emissions data availability

The verification team conducts on-site surveys of all production processes and physical buildings. Data calculations, summaries and data source availability for significant emission sources are checked accordingly, in compliance with the verification guidelines.

3.6 Nature of data and information

Evidence collection plans based on risk assessment are used as an integral part of the on-site verification program.

Data and information collected during the verification process are reasonable assumptions, projections and/or historical facts.

3.7 Evaluation of the GHG statement

3.7.1 Evaluation of changes

No changes in risk and materiality thresholds occurred during the verification process.

3.7.2 Evaluation of Sufficiency and Appropriateness of Evidence

The evidence collected during the verification process was sufficient and appropriate, and the verification team inspected the system containing inventory, records, data calculation, summarization and GHG information management.

3.7.3 Evaluation of Substantial Misstatements

The organization's GHG statement is free of material error and substantially meets the requirements.

3.7.4 Evaluation of conformity with guidelines

The quantification and reporting of greenhouse gas emissions and removals in the organization's GHG statement meets the relevant requirements of ISO 14064-1:2018.

3.7.5 Appropriateness of quantification and reporting methodologies and any variations

The methodology for quantifying and reporting GHG emissions and removals in the organization's GHG statement is suitable and appropriate.

3.7.6 Evaluation of changes since previous cycles

There is no change in organizational boundaries or emission sources in 2023 compared with 2022. Compared with 2018 (fixed base year), the verification adds Scope 3 accounting, but due to the company's own carbon management needs, no base year changes will be made, and the emission reduction target will remain the same as in previous years (only for Scope 1 and 2).

4 VERIFICATION COMMENTS

CTI implemented a verification plan through sampling and on-site verification according to the agreed level of reasonable assurance and concluded that the total GHG Emission of Multek Zhuhai Co., Ltd. in 2023 are verified to be **16,794** tCO_2e, which meet the substantial threshold of 5%.

5 VERIFICATION STATEMENT

See Verification Declaration document.

Appendix：

Multek GHG emission practices

1、Water treatment energy-saving fan improvement project

Four traditional SSR three-leaf Roots blowers are used to aerate the reaction tank in the industrial wastewater treatment station of the North Plant area. The Roots blowers have some problems, such as high energy consumption, high noise during use, high maintenance cost and large footprint. In 2023, Multek invested 380,000 yuan to purchase a single Neuros air suspension blower to replace four traditional SSR three-leaf Roots blowers, saving 358,95KWH of electricity per year, equivalent to reducing 20.47 tons of greenhouse gas emissions per year.

2、Wet process horizontal line energy-saving fan replacement project

The wet process horizontal line drying uses ordinary high-pressure fans with low frequency and speed, and cannot meet the requirements after the air volume

adjustment. Multiple fans can only be used to implement the drying. Due to the small clearance between the fan impeller and the shell, large friction heat is generated, resulting in large noise of the outlet, high power consumption, and low efficiency of the fan.Multek invested 3,128,300 yuan to replace 181 ordinary high-pressure fans with 84 high-frequency axial flow fans, and added fan frequency converters for control, saving 1,916,594KWH of electricity per year, equivalent to reducing 1093 tons of greenhouse gas emissions per year.