GTECH **SUZHOU GOODTIME TECHNOLOGY DEVELOPMENT CO.LTD**

GTECH GREENHOUSE GAS REPORT

1. INTROUCTION

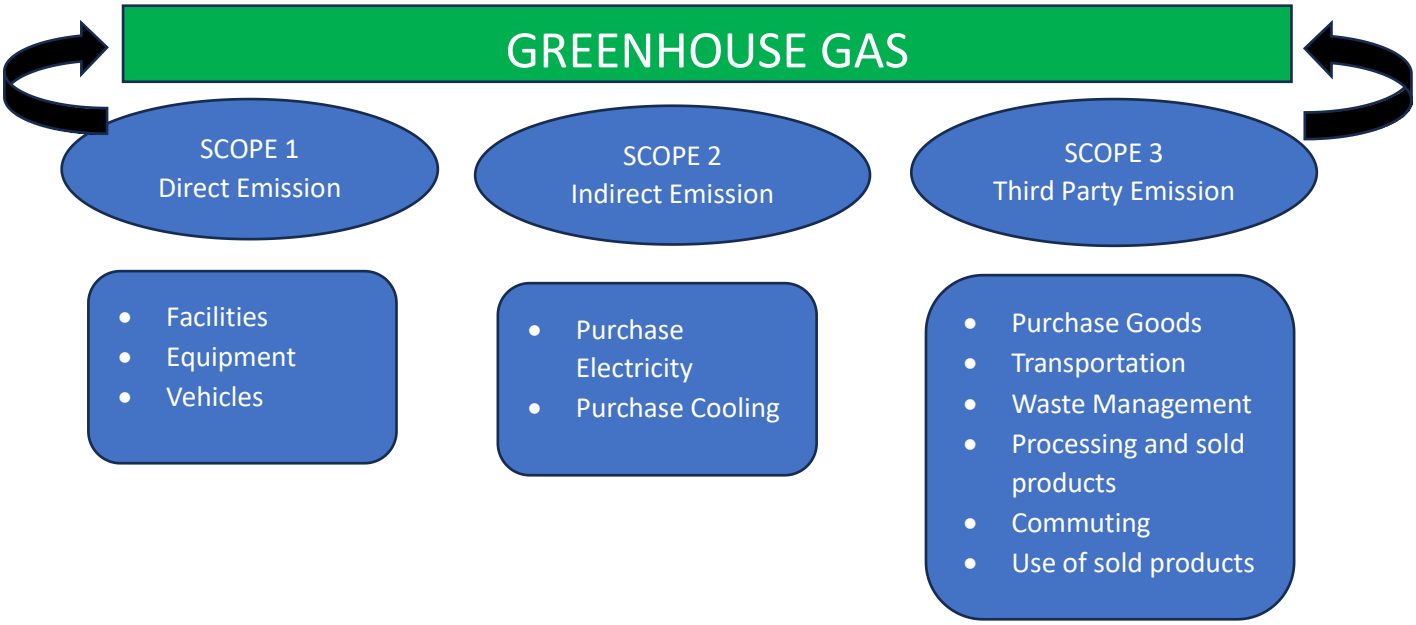
We, Suzhou Goodtime Technology Development Co.Ltd, address: No 2009, Diamond Road, Weitang Town, Xiangcheng District, Suzhou City, Jiangsu Province, the company mainly engage in design, manufacture, sales and service rubber products, plastic products, rubber and plastic assemblies, mold and hydraulic molding machinery in the field of automotive parts, home appliance parts and mobile phone parts, as well as the development and application of new polymer materials.

We as the whole organization well aware the CLIMATE CHANGE is currently most important issues globally. Current global temperature rises contribute by various source of business activity leading to unprecedented rate across the word. As such we are in the process of developing a corporate Greenhouse Gas (GHG) inventory which derive from direct or indirectly from our business operation.

2. **METHODOLGY** – Determining GHG emission from GTECH operation.
   a. Define facilities and resources to be included in the inventory
   b. Adopt a reliable methodology for calculating GHG emission from all defined sources.
   c. Consider all main greenhouse gases, CARBON DIOXIDE (CO_2), METHANE (CH_2), NITROUS OXIDE (N_2O), HDROFLUOROCARBON (HFCs), PERFLUOROCARBON (PFCs) SULFUR HEXAFLUORIDE (SF_6) AND NOTROGEN TRIFLUORIDE (NF_3)

2.1 Emission Scopes and Source

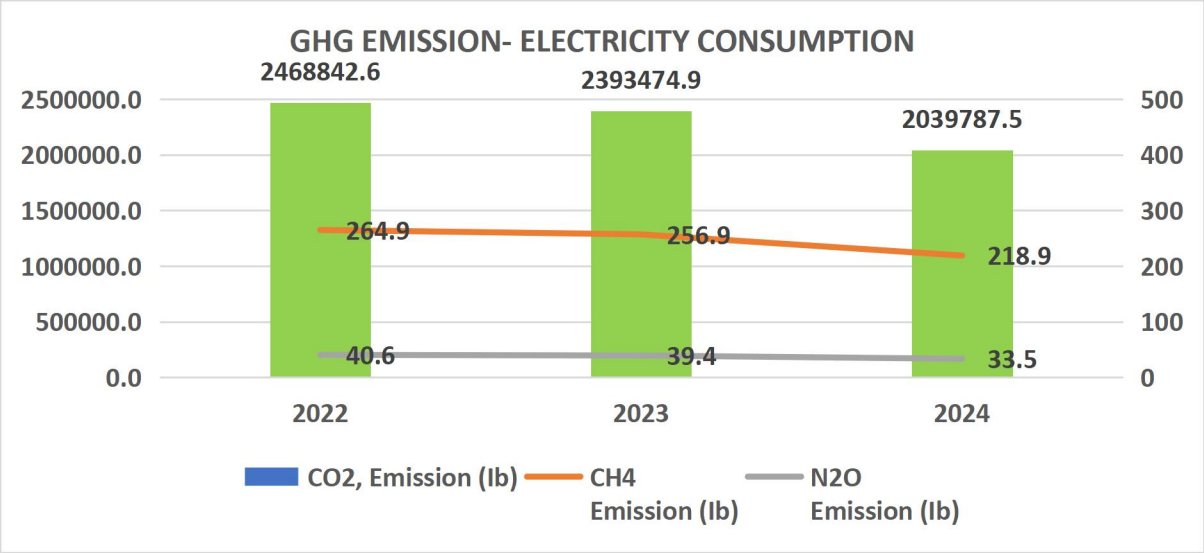
An assessment was carried out to classify the GTECH operation that generate greenhouse gas emissions. These operations contain direct activities and the ones occurring upstream and downstream operations. Upon identifying those emission source, GTECH define the methodology to accounting and reporting GHG emission source.



2.2 Greenhouse Data (Scope 1, 2 and 3)

a. Activity data are collected and calculate greenhouse gas emission. Below is the result of electricity consumption for the year 2022 till 2024 (Nov'24), electricity consumption quantifies in KWh and these data were calculated emission intensity level.

YEAR EMISSION	CO_2 (Ib)	CH_4 (Ib)	N_2o (Ib)
2022	2468842.6	264.9	40.6
2023	2393474.9	256.9	39.4
2024	2039787	218.9	33.5



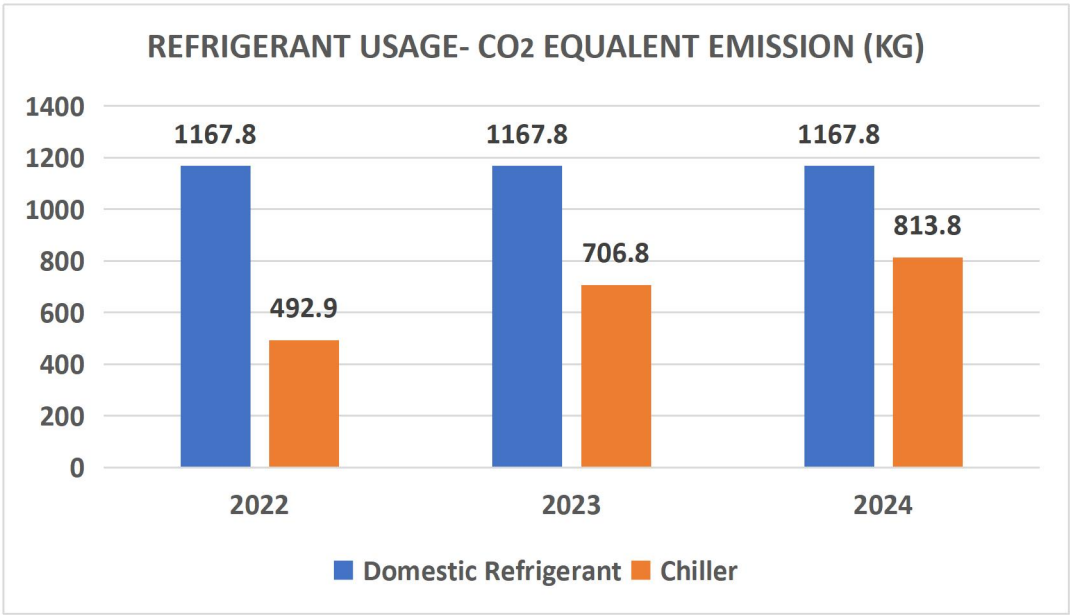
b. **Activity data are collected and calculate greenhouse gas emission**. Below is the result of waste generated and recycled the year 2022 till 2024 (Nov'24), waste quantifies in KG and ton data were calculated emission intensity level.

EMISSION YEAR	2022	2023	2024
Mixed Plastic CO_2 (kg)	2424	1940	1940
Wood CO_2 (kg)	176	176	176
Mixed Paper CO_2 (kg)	108	154	154

c. Cooling- Refrigerant Usage

Below chart denote R-32 gas usage as Domestic Refrigerant and Chiller for Manufacturing Process.

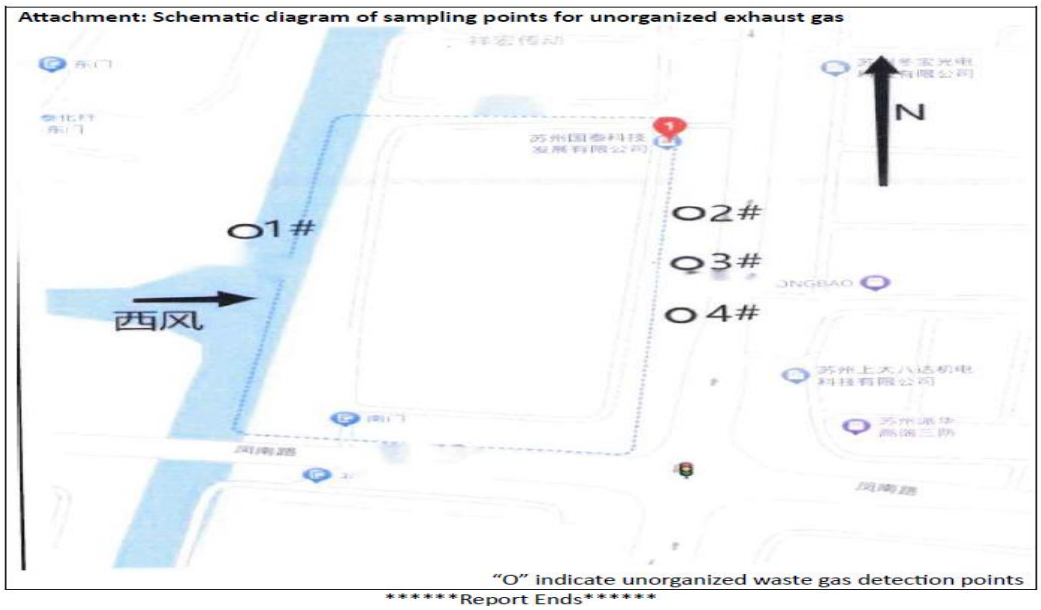
Refrigerant Type	Capacity	No of Units	Gas (R32=HFC-32)	CO_2 Equivalent Emission (KG)-Year 2022 to 2024
Domestic usage	1.5HP	56	R32	**3503.4KG**
	3HP	14	R32	
	5HP	6	R32	
Chiller	4.8KW	7	R32	**2013.5KG**



d. Emission to Air – Air Pollution Monitoring

Below is the Non-Methane Total Hydrocarbon measurement result and reports which was conducted in March 2024.

i) Location map of emission point measurement (Total 4 Emission Points)



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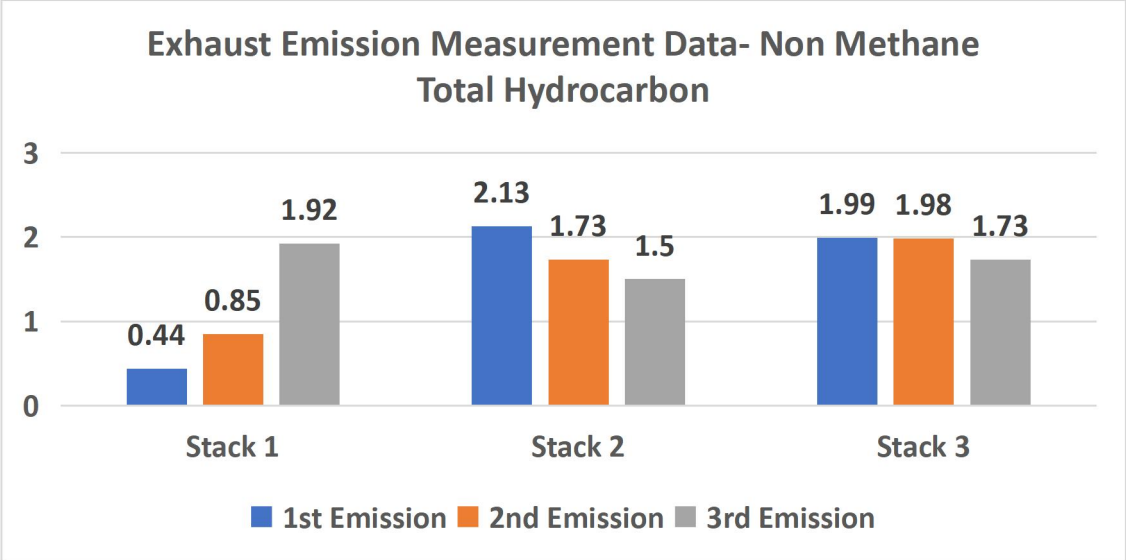
Emission Stack Point	1st Emission Point	2nd Emission Point	3rd Emission Point	Mean Value	Emission ton/gm
#1 Exhaust	0.44 mg/m³	0.85 mg/m³	1.92 mg/m³	1.07 mg/m³	5.188216×10^{-12}
#2 Exhaust	2.13 mg/m³	1.73 mg/m³	1.50 mg/m³	1.79 mg/m³	8.679352×10^{-12}
#3 Exhaust	1.99 mg/m³	1.98 mg/m³	1.73 mg/m³	1.90 mg/m³	9.21272×10^{-12}
Note: Permissible Limit is maximum 60 mg/M3 under the law and regulation					



e. **Discharge to Water** –

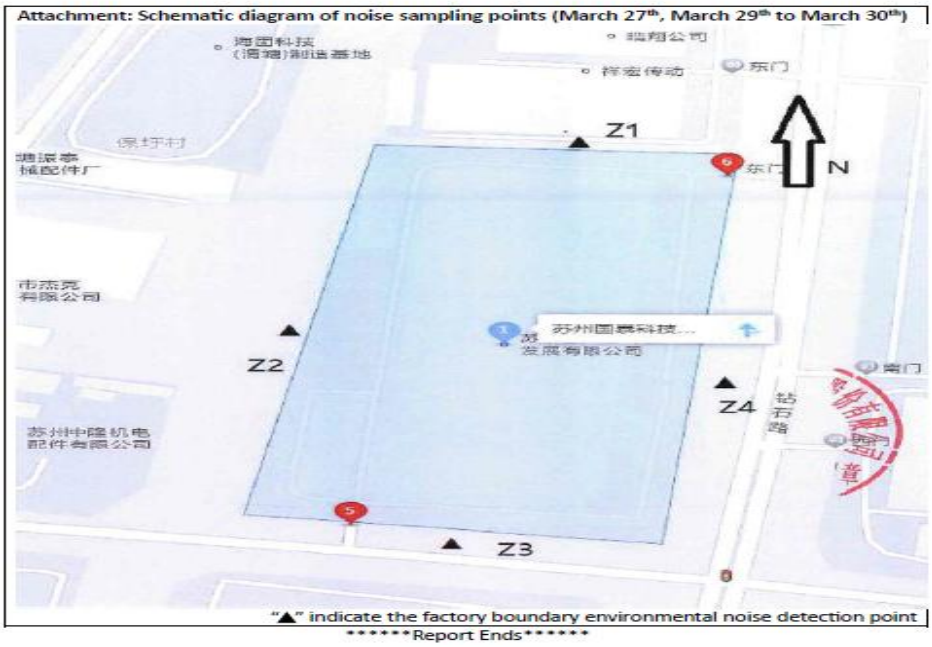
Storm Water Analysis carried out on April 2024 and the results are as below Table:

Testing Items	Unit	Detection Limit	Detection Value
Total Nitrogen	Mg/L	0.05	3.14
Chemical Oxygen Demand	Mg/L	4	12
Suspended Solids	Mg/L	4	7
Total Phosphorus	Mg/L	0.01	0.08
Petroleum category	Mg/L	0.06	ND
PH Value			7.3

f. **Boundary Noise Emission**-

Test was carried out in April 2024 as per the graphic map and the results are as below Table

Measurement Point	Location of Measurement	Day Time	Night Time
1#	Z1	55.7 dB(A)	52.6 dB(A)
2#	Z2	59.0 dB(A)	52.4 dB(A)
3#	Z3	57.5 dB(A)	52.4 dB(A)
4#	Z4	55.1 dB(A)	50.9 dB(A)



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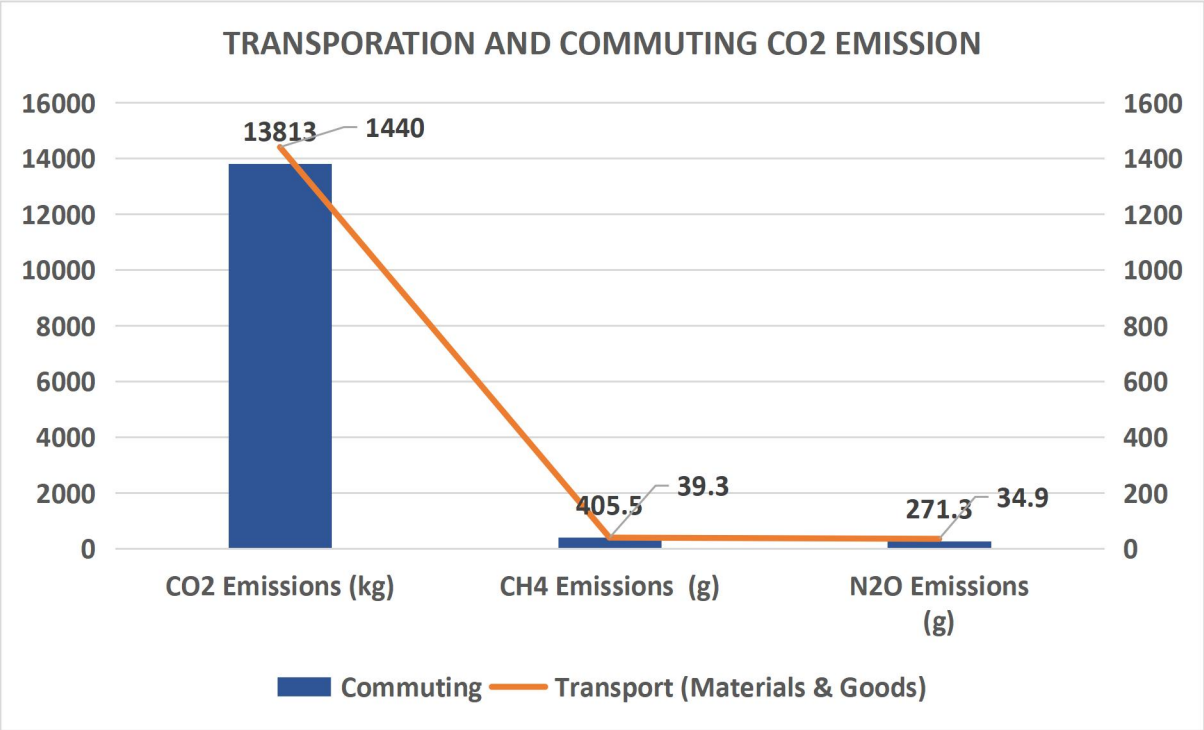
g. **Transportation of purchased materials, delivery of goods and commuting**

EMISSION YEAR	Miles Travel	CO2 Emission (kg)	CH4 Emission (g)	N2O Emission (g)
Transport (Purchase Materials and Delivery Goods)	3552	1440	39.3	34.9
Commuting	45120	13813	405.5	271.3



2.3 Accounting and Reporting

2.3.1 All data were collected based on the GTECH relevancy, completeness, consistency, transparency, accuracy and measurability.

a. Direct emission – Data for direct emission categorized from Source 1. Which derived from GTECH facilities, Equipment and vehicle operations.
b. Indirect emission – Data for Source 2 available which derived from purchase of electricity and cooling system. Scope 3 (Third Party) data based on transportation of purchased materials and delivery of goods, beside commuting data on staff traveling.

2.4 Preparing GHG Inventory

2.4.1 GTECH committed to collect and store GHG inventory data either from Direct or Indirect emission through Stationary Units from GTECH building, energy consumption in the upcoming period inventory report.

2.4.2 Below are the key area to be focus in the GHG emission data collection and inventory:

a. Mobil Units- Transportation, to liaise with third party and engage them to participate in the GHG emission program.
b. Railway Transportation- To engage employees using rail as transport to commute to and from home and work place. This data will be use to calculate amount of electricity used and converting it to GHG emission data.
c. Water Borne Transportation- Engage with Third party to collect data for transporting goods and services in the global supplier and customers. Calculation of kilometer of travelling and energy used by the transportation service.
d. Aviation- Business trip used by staff, customer, suppliers and sister companies in business activity with GTECH will be recorded as part of GHG inventory to calculate the emission.

e. Waste- As a result of municipal waste, biological treatment waste which occur within the GTECH boundary will be recorded to calculate and move forward for GHG emission reduction.
f. Transportation – Data collection on miles travel by service provider by use of truck and staff commuting to and from work place.

3 GHG Emission Management and Reduction

GTECH Management committed to continue in establishing appropriate measurement and record-keeping system and processes. Periodic review and take pro-active measure in managing and reduction of Greenhouse Gas activity will be continuously implemented within our boundary as well to engaging all our third parties those contribute in GHG emission.

We will use this data from report as basis for reduction in GHG and collectively participate against the Climate change by setting up realistic target in coming years. As this, GTECH will embark towards GHG Emission Management System to reduce all those related GHG.

3.1 GHG Emission Management

GTECH to implement best of its practical method in GHG reduction within our mean and with our third parties as shown in below table:

NO	GREENHOUSE GAS	GREENHOUSE SOURCES
1	CARBON DIOXIDE (CO_2)	Combustion of Fossil Fuel
2	METHANE (CH_4)	Decomposition of waste, usage of gas, oil and coal
3	NITROUS OXIDE (N_2O)	Fertilizers
4	HYDROFLUOROCARBONS (HCFs)	By-products of industrial processes

3.2 GTECH continue with below describe GHG Emission Reduction program on continual basis:

3.2.1 Air Quality Management for carbon emission

To continue measure and monitor AIR QUALITY emitted from our operation on annual basis with the objective of reduce any GHG gases from our premises.

3.2.2 Water Management

Waste water generated from our operation and within our boundary, will be monitor on water quality and mitigation action will be taken promptly if there is any sign of emission above the permissible limit by law.

3.2.3 Waste Management for reducing carbon emission

Strive for waste recycling and reduction from our operation which GTECH believe an Effective way for reducing greenhouse gases. Below summarized table will be implemented as far as practicable in our premises.

Planned Program	Activity
Discard Paints, batteries, adhesive and sealants	Provide Collection Center
Set up plan to reduce waste amounts, encourage re-use, donation and recycling of waste	Distribute Memorandum and display at notice board the steps in waste reduction, reuse and recycling
Recycle or donate e-waste	Initiate social responsibility projects to collect and recycle e-waste
Demonstrate monthly or annual quantities of waste recycled or re-use	Minimize, recycle, reuse, donate waste, otherwise send to landfills
Implement waste recycling program by categorize waste separation and disposition	Set up Recycling corners around company premises with proper recycling label
Plan, waste management audit and set up target for waste to reduce, re-use and recycle	Audit to be carried out by internally appointed auditors
Limit the use of office and marketing papers and purchase sustainable office products.	Reduce paper usage through electronic document management

3.2.4 Energy Management for reducing carbon emission

GTECH believe energy usage contribute to global GHG emissions. Promoting and using efficient energy consumption in our workplace are important in reduction plan. Below table describe suggested program on energy management:

Planned Program	Activity
Implement and use energy efficient equipment	Turning off un-needed equipment
Monitor and measure energy consumption / usage and set realistic and achievable reduction target	Measure monthly energy usage and identify opportunities for reduction
Adopt LED technology for indoor and outdoor use	Replace conventional lightings to LED lights
Choose energy efficiency approaches for workplace	Equipment shutdown when not operation, Preventive Maintenance on high energy consumption facilities, install occupancy sensor

3.2.5 Supply chain Management for carbon emission reduction

All those organization doing business with GTECH either directly or end-to-end supply chain, are contributing to GHG emission from their daily operation. As such GTECH proactively engage with them for an effective supply chain management to promote GHG emission control. Below table describe suggested program on supply chain management on reducing carbon emission.

Planned Program	Activity
Purchase environmentally friendly and locally produced goods.	Purchase locally produced and environmentally friendly products (Office supplies, cleaning products, food, beverages,

	etc.)
Buy electrical and electronic equipment from eco-friendly manufacturer	Promote eco-friendly manufacturers
Limit packaging material to an acceptable limit	Encourage to use sustainable and re-use packaging materials
Request less frequency transportation of goods and service	Schedule less GHG emitting travels per Kilometer in transporting goods.

4. **Summary**

GTECH conclude that, the climate change cause by greenhouse gas emission could become damaging to social and economic. Therefore, GTECH will move forward in identifying all type of GHG emission within boundary and continuously strive for reduction with various planned program together with our employees.

GTECH will look forward to work with eco-friendly manufacturers, service providers, educate our employees, source for eco-friendly resources for our operation. We believe with our minimal contribution in GHG emission reduction, could contribute to the global initiative on GHG emission.

苏州市华测检测技术有限公司 CENTRE TESTING INTERNATIONAL (SUZHOU) CO.,LTD 检验检测专用章 Inspection & Testing Services

ZHOU BO
MANAGING DIRECTOR
16-DECEMBER-2024