



## Environmental Protection Agency

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# Environmental Permit

(Issued under the Environmental Protection Act, Cap. 20:05, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000)

|                |   |                                |
|----------------|---|--------------------------------|
| Reference No.: | 20220310-PIMPS  | <i>Handwritten: 15/11/2022</i> |
| Fee:           | Small (C1) - US\$100 per year   | <i>Handwritten: JULY</i>       |
| Fees Paid:     | US\$500: Five (5) Years (August 2022 - <del>January</del> 2027)                               |                                |
| Addressee:     | Mr. Ragindra Persaud<br>Director<br>Plastific Inc.<br>Wellington Park<br>Corentyne<br>Berbice |                                |
| Activity:      | Plastic Products Manufacturing  |                                |

Mr. Ragindra Persaud, trading and operating under the name Plastific Inc., hereinafter referred to as the "Permit Holder", is hereby authorised in accordance with the Environmental Protection Act, Cap. 20:05, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000, to operate a Plastic Products Manufacturing Facility located at Wellington Park, Corentyne, Berbice, East Bank Berbice, hereinafter referred to as the "Project", in a manner indicated in the Application for Environmental Authorisation submitted on March 10, 2022, and subject to the terms and conditions set forth herein under the Environmental Protection Act, Cap. 20:05, existing and/or forthcoming regulations made under the said Act, and/or any applicable laws, best practices, guidelines, and standards relevant to this Project.

Terms and Conditions for the operation to be adhered to by the Permit Holders, his servant(s), agent(s), and/or sub-contractor(s):

### 1.0 GENERAL

1.1 Make an application to the Agency to vary this Environmental Permit in instances where it becomes necessary to:

- Change the construction, operation, structure, or layout of the facility and all associated buildings;
- Change equipment, machine, apparatus, mechanism, system, or technology serving the facility;
- Change the position and design of any outlet at the point or points of

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- discharge of effluents; or
- iv. Affect any other change outlined in 20(3) of the Environmental Protection (Authorisations) Regulations.
- 1.2 Operation, inspection, maintenance, and repair of all factory equipment, shall be in accordance with the manufacturer's specification. A summarised copy of the inspection and maintenance report shall be maintained on-site and submitted to the EPA upon request.
- 1.3 Make all employees, and third parties under your direction, aware of the conditions of the Environmental Authorisation and provide training on good environmental practices.
- 1.4 Obtain approval from the Guyana Fire Service and Fire prevention and control equipment shall be maintained in accordance with this Guyana Fire Service Approval.
- 1.5 All staff shall be trained on the environmental aspect of the factory operation including occupation safety and health, first aid response, emergency response, and firefighting.

## **2.0 WATER QUALITY**

Adhere to the provisions of the **Environmental Protection (Water Quality) Regulation, 2000.**

- 2.1 Discharge of untreated wastewater from the Project into the surrounding environment is **STRICTLY PROHIBITED.**
- 2.2 Perimeter drains shall be maintained on-site.; these drains must be adequately sloped to collect storm flow.
- 2.3 Maintain a septic tank system on site. The septic tank should not be located within 1.5 m of a building or property boundary and should be accessible for cleaning and de-sludging. Any modification to the Septic tanks must be in accordance with the Guyana National Bureau of Standards (GNBS) *Code of Practice for the Design and Construction of Septic Tanks and Associated Secondary Treatment and Disposal System.*

## **3.0 AIR QUALITY & NOISE MANAGEMENT**

Adhere to the provisions of the **Environmental Protection (Noise Management) Regulations, 2000** and **Environmental Protection (Air Quality) Regulations, 2000.**

- 3.1 Enclose all sound-making devices, such as generators, in structures constructed with materials of good insulation properties (e.g., hollow concrete blocks, insulation boards, solid clay bricks, etc.), equipped with silencers/mufflers to

reduce the noise level, and placed on properly designed foundations to ensure effective damping of vibrations.

- 3.2 Adequate ventilation shall be in place for storage and processing areas in order to remove emissions from the work area.
- 3.3 Comply with the Guyana National Bureau of Standards (GNBS) *Guidelines for Noise Emissions into the Environment*. Sound levels from noise-making devices should not exceed the limits below, at a distance of 15 metres (50 ft) from the source or property boundary, whichever is closer.

**Commercial Limits: 80 dB** during the daytime (06:00 h - 18:00 h)  
**65 dB** during the night-time (18:00 h - 06:00 h)

- 3.4 Establish properly designed foundations for all equipment and machinery to effectively dampen vibrations.
- 3.5 The operation shall be properly enclosed to minimize the impact of fugitive air emissions on the receiving environment.
- 3.6 Implement good housekeeping practices to avoid or minimize the accumulation of dusty materials that have the potential to become airborne, and to prompt immediate cleanup of spilled or accumulated materials.
- 3.7 Operate and service all mechanical equipment in accordance with the manufacturer's specifications at all times. Additionally, ensure that mechanical equipment, for example, generators and vehicles are regularly maintained and work at their optimal levels to minimize atmospheric emissions.

#### **4.0 WASTE MANAGEMENT**

- 4.1 In accordance with the **Environmental Protection (Litter Enforcement) Regulations, 2013**, promote good sanitation and solid waste disposal practices on-site. Covered garbage receptacles must be placed at strategic locations at the facility. Wastes must be collected and disposed of at an approved disposal site.
- 4.2 Good housekeeping, sanitary, and hygienic practices shall be maintained at all times.
- 4.3 Waste minimisation and the reuse and/or recycling of waste materials generated from the manufacturing of biodegradable products shall be implemented where practical.
- 4.4 Burning of waste is **strictly prohibited**. All solid waste shall be disposed of at an approved solid waste disposal site.

- 4.5 Waste collection areas shall be kept clean. Dry methods shall be used when cleaning around waste handling and disposal areas (e.g., sweeping, use of absorbents).

## **5.0 COMPLIANCE, MONITORING, AND REPORTING**

- 5.1 Notify the Environmental Protection Agency **within one (1) hour** of the occurrence of any environmental emergencies (e.g., oil spills, hazardous materials/wastes spills, sudden onset disaster, natural, technological, or human-induced factors that cause or threaten to cause severe environmental damage as well as harm to human health or livelihood).
- 5.2 Notify the Agency in writing of any change of name or ownership of the Permit Holder's facility **within thirty (30) days** after the change occurs.
- 5.3 Notify the Agency **within twenty-one (21) days** in event of death, bankruptcy, liquidation, or receivership of the Permit Holder or if the Company becomes a party to an amalgamation.
- 5.4 Maintain and submit to the Agency records of the type, composition, and quantity of contaminant released (i.e., any solid, liquid, gas, odor, sound, vibration, heat, or combination of any of them).
- 5.5 Submit **Annual Reports** to the EPA on your compliance with this Permit on or before **March 31**, each year.
- 5.6 Report to the Agency any non-compliance(s) with the Environmental Permit (Renewed):
- I. **Within twenty-four (24) hours** of the time the Holder of the Environmental Permit (Renewed) for operation becomes aware of the non-compliance outlining the anticipated manner in which human health or the environment may be impacted.
  - II. **Within seventy-two (72) hours** of the time the Holder of the Environmental Permit (Renewed) becomes aware of the non-compliance, submit to the Agency a written report containing a description of the non-compliance, its cause, the period of non-compliance including exact dates, and time and the anticipated time it is expected to continue if the non-compliance(s) has not been corrected.
- 5.7 Comply with any lawful directions given by the EPA from time to time in furtherance of the implementation of any international or other obligation for the environmental protection of Guyana.



## **6.0 INSTITUTIONAL RESPONSIBILITY \LIABILITIES**

- 6.1 The Permit Holder shall be liable for any material environmental harm caused by polluting the environment, pursuant to s. 39 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 6.2 The Permit Holder shall be liable for any serious environmental harm caused by polluting the environment, pursuant to s. 39 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 6.3 The Permit Holder shall be liable for any activity that causes or is likely to cause pollution of the environment unless all reasonable and practicable measures are taken to prevent or minimize any resulting adverse effect, pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 6.4 The Permit Holder shall be liable for discharging, causing, or permitting the entry into the environment, of any contaminant in any amount, concentration, or level excess of that prescribed by the regulations or stipulated by this Environmental Permit (Renewed), pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 6.5 The Permit Holder shall be liable to compensate any person who suffers any loss or damage as a result of contravening conditions 10.3 and 10.4 of this Environmental Permit (Renewed), pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 6.6 The Permit Holder shall not be indemnified by the Agency for any activity that causes or is likely to cause pollution to the environment, resulting from adverse effects through the discharge, any contaminant in any amount, concentration, ultra-hazardous substances, chemicals or otherwise, and shall be rendered liable to prosecution and to penalties prescribed under the Environmental Protection Act and Regulations.
- 6.7 The Permit Holder shall be liable of any gross negligence or willful misconduct caused by the Permit Holder, his Servants, and/or Agents, to the environment, biodiversity, protected species, and natural habitat with respect to any release, discharge, or spill, of contaminant fluids, oil or lubricants.
- 6.8 Should the Permit Holder contravene or be likely to contravene any condition of this Permit, the Agency (EPA) may serve on him an Enforcement Notice in accordance with Section 26 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 6.9 Where it appears to the Agency that the Permit Holder is engaged in any activity that may pose a serious threat to natural resources or the environment, or a risk of serious pollution of the environment or any damage to public health, the EPA may issue to the Permit Holder a Prohibition Notice, which may order him to

immediately cease the offending activity, in accordance with Section 27 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.


- 6.10 The EPA reserves the right to conduct regular inspections of the Permit Holder's activities as part of its monitoring and enforcement requirements under the Environmental Protection Act, Cap 20:05, the Environmental Protection (Amendment) Act, 2005, and Environmental Protection (Authorisations) Regulations, 2000.
- 6.11 The Permit Holder, His Servants, and/or Agents shall at all times, allow entry to the permitted facility to any Officer designated by the EPA for the purposes of conducting inspections or any other legitimate business of the Agency. Pursuant to Section 38 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana, it is an offence to assault, obstruct or hinder an authorised person in the execution of his/her duty under the said Act or its Regulations and the Permit Holder shall be liable to penalties prescribed under paragraph (c) of the Fifth Schedule for doing so.
- 6.12 The EPA has the right to modify, cancel or suspend this Permit for breach of any of the terms and conditions contained herein.
- 6.13 **This Environmental Permit is not the final consent; all relevant Permissions should be obtained from other regulatory bodies for continued operation.**
- 6.14 This Environmental Permit (Renewed) is effective for the period stipulated herein, **August 2022 – July 2027.**
- 6.15 This Environmental Permit shall remain valid until **July 31, 2027**, unless otherwise suspended, cancelled, modified, or varied, in accordance with the provisions of this Permit or the Environmental Protection Act, Cap. 20:05, Laws of Guyana, Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000.
- 6.16 This Permit must be renewed by submitting a completed Application form for Renewal of Environmental Authorisation to the Agency at least **six (6) months** before this Permit expires, that is, no later than **January 31, 2027.**
- 6.17 Any late submission of renewal application (s) after the specified date as stated above, may require the Permit Holder to pay, in addition to the renewal fee, a late penalty fee (accruing at the time such obligation was first owed for renewal) at a rate of **two thousand dollars (GY\$2000.00) per day for every business day late, until such renewal application is submitted to the Agency**, without prejudice to any other rights of the Permit Holder in connection therewith.
- 6.18 Failure to comply with the requirements of this Permit or with applicable laws and regulations, whether existing or forthcoming, shall render the Permit Holder liable to prosecution and to penalties, inclusive of civil penalties, injunctive relief,

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and imprisonment, as prescribed under the Environmental Protection Act, Cap. 20:05, Laws of Guyana, the Environmental Protection Regulations, and other applicable laws of Guyana.

Signed by  
Agency.

  
**Kemraj Parsram**  
Executive Director

on behalf of the Environmental Protection

Date

2022-10-07

I hereby accept the above terms and conditions upon which this Environmental Permit is granted and agree to abide by the Environmental Protection Act, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000, and any forthcoming regulations, best practices and standards made under this Act.

|             |                         |
|-------------|-------------------------|
| NAME        | Ragindra Persaud.       |
| DESIGNATION | Director                |
| SIGNATURE   | P.P. Vidhansud A. Gandy |
| DATE        | 2022/11/11              |



