



**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.**

<b>Reference No.:</b>	<b>20240513- RDMAW</b>
<b>Fee:</b>	<b>Medium(C1) i.e., US\$ 500 per year</b>
<b>Fee Paid:</b>	<b>US\$500 for One (1) year (January 2025- December 2025)</b>
<b>Addressee:</b>	<b>Mr. Rohan Deodat, Y &amp; S Aluminium Windows &amp; Doors Factory &amp; Repair Services, Lot 10 Section 'A' Triumph Back Lands Beterverwagting &amp; Triumph Village District, East Coast Demerara.</b>
<b>Activity:</b>	<b>Manufacturing of Aluminum Windows and Doors Factory and Repairs Services</b>

**Y & S Aluminium Windows & Doors Factory & Repair Services, hereinafter referred to as the "Permit Holder", is hereby authorised in accordance with the Environmental Protection Act, Cap. 20:05, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000, to Manufacturing of Aluminum Windows and Doors Factory and Repairs Services at Lot 10 Section 'A' Triumph Back Lands, Beterverwagting & Triumph Village District, East Coast Demerara after referred to as the "Project", in a manner indicated in the Application for Environmental Authorisation submitted on May 13, 2024, and subject to the terms and conditions set forth herein under the Environmental Protection Act, Cap. 20:05, Laws of Guyana, existing and/or forthcoming Regulations made under the said Act, and/or any applicable laws, guidelines, best practices, and standards relevant to this project.**

**The Permit Holder, His Servants, Agents, and/or Sub- Contractors shall comply with the following Terms and Conditions for Operation:**

### **1.0 GENERAL**

- 1.1** Make an application to the Agency to vary this 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

A.D



- iv. discharge of effluents; or effect any other change outlined in 20(3) of the Environmental Protection (Authorisations) Regulations.
- 1.2 All employees and third parties under your direction shall be made aware of the conditions of the Environmental Authorisation.
- 1.3 The Permit Holder shall provide training on good environmental practices. Annual training records shall be maintained on-site and made available to the EPA upon request.
- 1.4 Fire prevention and control equipment shall be maintained in accordance with the **Guyana Fire Service Approval.**
- 1.5 **The Permit Holder shall submit to the Agency upon receipt, Central Housing and Planning Authority (CH&PA) approval for the Manufacturing of Aluminum Windows and Doors Factory and Repairs Services.**
- 1.6 Adhere to the requirements of the **Occupational Safety and Health Act, Cap. 99:01, Laws of Guyana.**
- 2.0 MANUFACTURING FACILITY (ALUMINIUM WINDOWS & DOORS)**
- 2.1 Servicing, maintenance, and storage of heavy-duty equipment shall be conducted within the confines of the facility and on an impervious base.
- 2.2 Maintenance of machines, equipment, and tools shall be conducted in accordance with the manufacturer's specifications. Summarised maintenance records shall be kept by the Project and made available for inspection by the EPA upon request.
- 2.3 A drip pan shall be utilised to capture waste oil spills during servicing and maintenance activities.
- 2.4 Spills occurring during handling and loading of paints, solvents, fuel, waste oil, etc. shall be immediately cleaned as guided by the respective Safety Data Sheet and disposed at an EPA authorised disposal facility.
- 2.5 Flammable materials shall be stored away from ignition sources. **'No Smoking** signs shall be posted where such materials are handled and stored.
- 2.6 All manufacturing of aluminum windows and doors shall be done within the confinement of the workshop.
- 2.7 Manufacturing materials (Glass, aluminum fragments, and silicon tubes) shall be stored in a secure area, and access shall be restricted to authorized personnel only.

- 2.8 The Project shall establish and maintain records of distribution or sales of scrap wastes from the manufacturing process. Records shall be maintained on-site and made available for inspection by the EPA upon request.

### **3.0 AIR QUALITY MANAGEMENT**

- 3.1 Adhere to the provisions of the **Environmental Protection (Air Quality) Regulations, 2000**.
- 3.2 Ambient air quality monitoring shall be conducted at the boundary of the property during normal operations to assess the levels of the following air pollutants, in accordance with the WHO Air Quality Guidelines 2021:

<b>Air Pollutant</b>	<b>Averaging Time</b>	<b>Maximum Permissible Level</b>
Carbon Monoxide	1 h	35 ppm
Nitrogen Dioxide	1 h	200 µg/m <sup>3</sup>
Sulfur Dioxide	24 h	20 µg/m <sup>3</sup>
PM 2.5	24 h	25 µg/m <sup>3</sup>
PM 10	24h	50 µg/m <sup>3</sup>

Monitoring shall be conducted **annually** by trained personnel utilizing calibrated equipment during normal operations. The Permit Holder shall determine an air quality monitoring plan and submit this plan along with the air quality test results to the Agency as part of the **Annual Report**.

- 3.3 In the event of equipment inefficiencies or malfunctions that may result in visible or abnormal emissions to air, the operator shall:
- 5.3.1 Investigate and undertake remedial action immediately;
  - 5.3.2 Adjust the process or activity to minimise those emissions; and
  - 5.3.3 Record the events and actions taken. This shall be submitted in the annual report.

### **4.0 NOISE QUALITY MANAGEMENT**

- 4.1 Adhere to the provisions of the **Environmental Protection (Noise Management) Regulations, 2000**.
- 4.2 All noise-producing activities such as drilling and sawing shall be conducted in a designated area.
- 4.3 The area shall be enclosed using materials of insulation materials (e.g., hollow concrete blocks, insulation boards, solid clay bricks, etc.).
- 4.4 Noise emissions shall be monitored 15 meters away from the source of noise (at the Project's boundary) **annually** to determine compliance with Guyana National



Bureau of Standards (GNBS) *Guidelines for Noise Emissions into the Environment*, not exceeding the residential limits listed below:

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

- 4.5 Noise Quality monitoring shall be conducted **Annually** in accordance with the parameters listed above by trained personnel utilizing calibrated equipment. Records of each monitoring exercise shall be maintained and results submitted to the Agency as a component of the Project's **Annual Report**.

## **5.0 WATER QUALITY**

- 5.1 Adhere to the provisions of the **Environmental Protection (Water Quality) Regulations, 2000**.
- 5.2 The discharge of untreated wastewater from the Facility into the surrounding environment is **strictly prohibited**.
- 5.3 Drainage systems shall be maintained and capable of handling the probable maximum precipitation during a storm event.
- 5.4 Stormwater drains shall be kept flowing and free of debris and vegetation. Scheduled cleaning of the drainage network and the immediate environment shall be conducted.

## **6.0 WASTE MANAGEMENT**

- 6.1 In accordance with the **Environmental Protection (Litter Enforcement) Regulations, 2013**, promote good sanitation and solid waste disposal practices on site. Covered garbage receptacles shall be placed upon impervious bases at strategic locations, both within and outside the facility.
- 6.2 Burning of waste is **strictly prohibited**. All solid waste shall be disposed of at an approved solid waste disposal site by an EPA Authorised Waste Disposal Company.
- 6.3 Good housekeeping, sanitary, and hygienic practices shall be maintained at all times. The Project's drains and surroundings shall be kept free of vegetation and litter.
- 6.4 Solid waste receptacles shall be secured when not in use.
- 6.5 Scrap metals shall not be stored on the Government Reserve.
- 6.6 The impervious area designated at the Project for the storage of scrap metals shall be maintained.

- 6.7 Promote waste minimization and the reuse and/or recycling of waste and other materials where practical.
- 6.8 Waste collection areas shall be kept clean. Dry methods shall be used when cleaning waste handling and disposal areas (e.g., sweeping, use of absorbents).
- 6.9 Septic Tank(s) shall be maintained in accordance with the Guyana National Bureau of Standards Code of Practice for the Design and Construction of Septic Tanks and Associated Secondary Treatment and Disposal Systems:
- i) The septic tank shall not be located within 1.5 meters of a building or property boundary;
  - ii) septic tanks shall be installed with a sand and charcoal filter bed, or other appropriate design for further treatment; and
  - iii) shall be accessible for cleaning and de-sludging.
- 6.10 Any modification to the Septic tank shall 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 Systems*.

## **7.0 COMPLIANCE MONITORING AND REPORTING**

- 7.1 Notify the Environmental Protection Agency within **one (1) hour** of the occurrence of any environmental emergencies (e.g., oil spills, biohazardous materials/wastes spill, 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).
- 7.2 Monitor the implementation of the conditions of this Permit, insofar as they involve adherence by your employees and all third parties under your direction.
- 7.3 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
- 7.4 Notify the Agency **within twenty-one (21) days** in the event of death, bankruptcy, liquidation, or receivership of the Permit Holder or if the Company becomes a party to an amalgamation.
- 7.5 Maintain and submit to the Agency records of the type, composition, and quantity of contaminant released (i.e., any solid, liquid, gas, odour, sound, vibration, radiation, heat, or combination of any of them).
- 7.6 Submit an **Annual Report** to the EPA on your compliance with this Permit on or before **March 31, of each year**.



7.7 Report to the Agency any non-compliance(s) with the Environmental Permit:

- i. Within **twenty-four (24) hours** of the time the Holder of the Environmental Permit 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 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.

7.8 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.

7.9 It is the responsibility of the Permit Holder to ensure the permitted activity and premises are secured and that all practicable steps necessary to prevent fires, explosions, leaks, or suspected leaks and spills at the permitted premises are taken.

## **8.0 INSTITUTIONAL AUTHORITY/ LIABILITIES**

8.1 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.

8.2 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.

8.3 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.

8.4 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 in excess of that prescribed by the regulations or stipulated by this Environmental Permit, pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.

8.5 The Permit Holder shall be liable to compensate any person who suffers any loss or damage as a result of contravening conditions 5.3 and 5.4 of this Environmental Permit, pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of




Guyana.

- 8.6 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, of 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.
- 8.7 The Permit Holder shall be liable for 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.
- 8.8 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.
- 8.9 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.
- 8.10 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.
- 8.11 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 offense 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.
- 8.12 The EPA has the right to modify, cancel, or suspend this Permit for breach of any of the terms and conditions contained herein.
- 8.13 **This Environmental Permit is not the final consent; all relevant Permits should be obtained from other regulatory bodies for continued operation.**
- 8.14 This Environmental Permit is effective for the period stipulated herein; **January**



**2025 to December 2025.**

- 8.15 This Environmental Permit shall remain valid until **December 31, 2025**, 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.
- 8.16 This Permit shall be renewed by submitting a completed *Application Form for Renewal of Environmental Authorization* to the Agency at least six months before this Permit expires, that is, no later than **June 30, 2025**.
- 8.17 Any late submission of a renewal application 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.
- 8.18 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, 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  on behalf of the Environmental Protection Agency

**Kemraj Parsram**  
**Executive Director**

Executive Director

Date

2025.01.20



**Environmental Permit -Ref. 20240513 – RDMAW**

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

I hereby accept the above terms and conditions upon which this Operational Permit is granted and agree to abide by the Environmental Protection Act, Cap. 20:05, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000, and any existing or forthcoming regulations, guidelines, best practices and standards made under this Act.

NAME	Amrita Deodat
DATE	21 <sup>st</sup> January, 2025
SIGNATURE	Amrita Deodat
DESIGNATION	Owner





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