



**Environmental
Protection
Agency**

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**Environmental Permit (Renewed,
Modified & Transferred)**

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.:	20110725-DPSLO
Fee	Medium (C1) - US\$500 per year
Fees Paid:	US \$2500 for Five (5) year (February, 2023 – January, 2028)
Addressee:	Mr. Hosni Pestano Proprietor PG Trading 7, Hand-en-veldt Mahaica East Coast Demerara
Activity:	Operation of a Production and Storage Facility for Lubricating Oils

Hosni Pestano operating on behalf of PG Trading, 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, for the Operation of a Production and Storage Facility for Lubricating Oils at Parcels 1278 and 2098, Hand-en-veldt, Mahaica, East Coast Demerara, hereinafter referred to as the “Project”, in a manner indicated in the Application for Renewal of an Environmental Authorisation submitted on March 04, 2022, and the Application for Transfer of Environmental Authorisation submitted on March 04, 2022 and subject to the terms and conditions set forth herein under the Environmental Protection Act, and in any existing or forthcoming regulations made under the said Act and/or any applicable laws, guidelines, best practices and standards relevant to this project.

This is a Renewal, Modification and Transfer of the Operation Permit (Renewed), Reference No. 20110725-DPSLO issued on October 02, 2017.

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

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1.0 GENERAL OPERATION

- 1.1 Make an application to the Agency to vary this Permit in instances where it becomes necessary to:
- i. change the construction, operation, structure, or layout of the facility and all associated buildings;
 - ii. change equipment, machine, apparatus, mechanism, system or technology serving the facility;
 - iii. change the position and design of any outlet at the point or points of discharge of effluents; or
 - iv. effect any other change outlined in 20(3) of the Environmental Protection (Authorisations) Regulations.
- 1.2 Emergency spill clean-up kits shall be maintained for response to spills. Kits shall contain absorbent materials, drain seals and other appropriate tools for clean-up, and shall be readily available and clearly identified.
- 1.3 Fire prevention and control equipment shall be maintained in accordance with this **Guyana Fire Service Approval**.
- 1.4 Adhere to the requirements of **the Occupational Safety and Health Act, Cap. 99:01, Laws of Guyana**.

2.0 BASE OILS HANDLING AND STORAGE

- 2.1 Base oils shall at all times be stored above-ground, in secondary containment and away from ignition sources.
- 2.2 **'No Smoking'** signs shall be posted where base oils are handled or stored.
- 2.3 Secondary containment shall remain sealed and all piping must enter or exit the containment over the wall. Secondary containment shall provide total containment, and no part of the tank infrastructure (e.g., dispenser, filling hoses and valves) shall protrude outside the containment.
- 2.4 The base of the secondary containment of the base oils' storage facility shall be of impervious material.
- 2.5 Discharge from the secondary containment is **Strictly Prohibited**.
- 2.6 Wastewater from the secondary containment shall be pumped to a collection vessel and collected and treated by an EPA Authorised Hazardous Waste Disposal Facility.
- 2.7 Collection, treatment and disposal of wastewater from the secondary containment shall be documented on a Waste Manifest Form and made available to the EPA upon request.

- 2.8 The base oils storage tank shall be visually inspected to verify their integrity. A summarised inspection report shall be kept and made available to the EPA upon request.
- 2.9 Protection measures for storage tank such as painting and coating shall be maintained to minimise corrosion of tanks.
- 2.10 Maintenance and/or repair of fittings, pipes and hoses shall be in accordance with manufacturer's specifications. A summarised inspection report shall be kept and made available to the EPA upon request.
- 2.11 Overfill protection shall be maintained on all storage tanks. This may include an automatic shut off device or an audible or visible overfill alarm.

3.0 STORAGE OF LUBRICANTS AND ADDITIVES

- 3.1 Adhere to the **Pesticides and Toxic Chemicals Control Act 2000.**
- 3.2 Lubricating oils and grease shall be stored in a cool dry area. The ideal storage temperature range is from 0°C to 25°C.
- 3.3 A register of the quantities of lubricants and additives stored at the Project shall be established and maintained. Registered information shall be maintained on site and made available to the EPA upon request.
- 3.4 Lubricants and additives areas shall be clearly labeled with "***Danger, Chemical Storage Area- Authorized Personnel Only***" where applicable as a spill control measure.
- 3.5 Lubricants and additives shall be stored in accordance with the manufacturer's directions or Safety Data Sheet instructions.
- 3.6 Safety Data Sheets for all base oils and additives shall be readily available and easily accessible at all times at chemical storage areas.
- 3.7 Lubricants and additives storage packages shall be clearly labeled in accordance with the Globally Harmonized System of Classification and Labeling. The following must be evident:
 - i. Signal Word;
 - ii. GHS Symbols- (Hazard Pictograms);
 - iii. Manufacturer Information;
 - iv. Precautionary Statements/ First Aid;
 - v. Hazard Statements; and
 - vi. Product Name or Identifiers.

- 3.8 Lubricants and additives storage packages shall be inspected for signs of leakage and damaged containers **must be replaced immediately**. Inspection reports shall be maintained on site and made available to the EPA upon request.
- 3.9 Lubricants and additives **shall not** be stored on damaged, or inadequately secured racking or on damaged pallets to minimise the risk of spills.
- 3.10 Employees involved in the management of Base Oil and Lubricants shall be trained on Hazardous Material Communication and Emergency Preparedness Response. Training reports shall be maintained on site and made available to the EPA upon request.
- 3.11 All tanks shall be labelled to indicate the name and quantity of the material stored.
- 3.12 Transfer of lubricants from vehicle tanks to storage tanks shall be done on impervious surfaces.

4.0 WATER QUALITY

- 4.1 Adhere to the provisions of the **Environmental Protection (Water Quality) Regulations, 2000**.
- 4.2 The direct discharge of untreated wastewater into the environment is **strictly prohibited**.
- 4.3 The project shall maintain the integrity of the existing waterways at all times. Discharges into the environment should be in accordance with the *Guyana National Bureau of Standards (GNBS) Interim Guidelines for Industrial Effluent Discharge into the Environment*. The following are the allowable limits for the general environment and should not be exceeded:

Parameter	Daily Maximum Concentration	Units
pH	5.0 – 9.0	
Temperature	40	°C
Biological Oxygen Demand (BOD ₅)	<50	mg/L
Chemical Oxygen Demand (COD)	<250	mg/L
Total Suspended Solids (TSS)	<50	mg/L
Oil & Grease	<10	mg/L
Total Dissolved Solid (TDS)	<40	mg/L

Monitoring of the parameters above shall be conducted at the approved sampling point/s and the results analysed at a GNBS certified laboratory or trained personnel using calibrated equipment. Analysis shall be submitted to the Agency as part of the Annual Report.

- 4.4 The oil/water separator shall be maintained through which all effluent must pass before final discharge.
- 4.5 Oil recovered from the separator must be stored in covered containers in a bunded area to minimize adverse impacts to the environment in the event of spillage. The bunded area must be able to provide containment for the maximum volume of used oil stored on site.
- 4.6 The concrete interceptor drain shall be maintained and must be adequately sloped to collect storm flow.

5.0 NOISE QUALITY MANAGEMENT

- 5.1 Adhere to the provisions of the **Environmental Protection (Noise Management) Regulations, 2000.**
- 5.2 All significant noise-producing equipment, such as generators, shall be equipped with silencers or mufflers and/or be enclosed in suitable acoustic enclosures where necessary, to reduce noise levels impacting the surrounding environment to achieve compliance with Guyana National Bureau of Standards (GNBS) requirement.
- 5.3 All machines and equipment shall be serviced in accordance with manufacturer's specification to ensure efficiency and reduce the level of noise produced. Inspection and maintenance reports shall be maintained on site and made available to the EPA upon request.
- 5.4 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 commercial limits listed below:

Residential Limits: 75 dB (Day-time (06:00 h -18:00 h))
60 dB (Night- time (18:00 h - 06:00 h))

Records of each monitoring exercise shall be maintained and results submitted to the Agency as a component of the Project's **Annual Report.**

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 base at strategic locations, both within and outside facility.

- 6.2 Burning of solid waste **is strictly prohibited**. All solid waste shall be disposed of by an EPA-Authorised Waste Disposal Company.
- 6.3 Good house-keeping, sanitary, and hygienic practices shall be maintained at all times. The facility's drains and surroundings shall be kept free of vegetation and litter.
- 6.4 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).
- 7.0 HAZARDOUS WASTE (Waste Oil, Oily Rags, Etc.) MANAGEMENT**
- 7.1 Adhere to the provisions of the **Environmental Protection (Hazardous Waste Management) Regulation 2000**.
- 7.2 Hazardous waste shall be stored in containers appropriate for the waste stream. That is:
- Sealed Metal Containers**
- i. Solvents and Petroleum-based products;
 - ii. Waste ink, Press-wash, Oil and Oily Absorbents
- 7.3 Hazardous waste containers shall be labelled with the following:
- i. The words **"Hazardous Waste"**
 - ii. The type of waste
 - iii. Beginning accumulation date i.e., date when the container was first placed in the Hazardous Waste Storage Area. Should the hazardous waste container be reused, the date hazardous waste was first placed in the container shall be recorded on the container.
- 7.4 Waste oil containers shall be labelled with the following:
- i. The words **"Waste Oil or "Used oil"**
 - ii. Beginning accumulation date
- 7.5 Hazardous waste shall be stored in a covered, bunded area. This area shall include the following:
- i. Signage- **"Hazardous Waste Storage Area"**
 - ii. Low traffic
 - iii. No floor drains
 - iv. Bunded area shall provide 110% containment of the largest volume stored therein.
- 7.6 Hazardous waste shall be treated and/ or disposed by an EPA authorised

Hazardous Waste Disposal Facility. All hazardous waste treatment and disposal shall be documented on a Waste Manifest Form which must be submitted to the EPA as a component of the **Annual Report**.

8.0 COMPLIANCE MONITORING AND REPORTING

- 8.1 Notify the Environmental Protection Agency within one (1) hour of the discovery of the occurrence of environmental emergencies (e.g., oil spills, hazardous 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). Notification as prescribed by Section 19(3)(a) of the Environmental Protection Act, shall be submitted to the EPA within twenty-four (24) hours of the discovery of the incident occurring.
- 8.2 Monitor the implementation of the conditions of this Permit, insofar as they involve adherence by your employees and all third parties under your direction.
- 8.3 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.
- 8.4 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.
- 8.5 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, radiation, heat or combination of any of them).
- 8.6 Submit an **Annual Report** to the EPA on your compliance with this Permit on or before **March 31, each year**.
- 8.7 Report to the Agency any non-compliance(s) with the Environmental Permit (Renewed & Transferred):
 - 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.
- 8.8 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.

- 8.9 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.

9.0 INSTITUTIONAL AUTHORITY/ LIABILITIES

- 9.1 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.
- 9.2 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.
- 9.3 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.
- 9.4 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 pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 9.5 The Permit Holder shall be liable to compensate any person who suffers any loss or damage as a result of contravening conditions 11.3 and 11.4 of this Environmental Permit, pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 9.6 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.
- 9.7 The Permit Holder shall be liable of any gross negligence or wilful 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.
- 9.8 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.

- 9.9 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.
- 9.10 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.
- 9.11 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.
- 9.12 The EPA has the right to modify, cancel or suspend this Permit for breach of any of the terms and conditions contained herein.
- 9.13 **This Environmental Permit (Renewed, Modified & Transferred) is not the final consent; all relevant Permissions should be obtained from other regulatory bodies for continued operation.**
- 9.14 The Environmental (Renewed, Modified & Transferred) is effective for the period stipulated herein from **February, 2023 to January, 2028.**
- 9.15 This Environmental Permit (Renewed, Modified & Transferred) shall remain valid until **January 31, 2028**, unless otherwise suspended, cancelled, modified, or varied in accordance with the provisions of this Permit or the Environmental Protection Act, Cap. 20:05, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000.
- 9.16 This Permit shall be renewed by submitting a completed *Application Form for Environmental Authorisation* (Environmental Permit) to the Agency at least six months before this Permit expires, that is, no later than **August 31, 2027.**
- 9.17 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 (\$2,000.00) per day for every day late**, until such renewal application is submitted to the Agency, without prejudice to any other rights of the Permit Holder in connection therewith.

- 9.18 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



Kemraj Parsram
Executive Director

on behalf of the Environmental Protection Agency.

Date

2023-02-06

I hereby accept the above terms and conditions upon which this Environmental Permit (Renewed, Modified & Transferred) 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:	HOSNI PESTANO
DATE:	10/02/2023
SIGNATURE:	
DESIGNATION:	PROPRIETOR