



**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.:	20210824-MMSLB
Fee:	Medium (C2) – US\$800 per year
Fee Paid:	US\$ 1600 for 2 years (January 2022 to December 2023)
Addressee:	Mark Roopnarine Director Massy Motors (Guyana) Ltd. 3 Strand, New Amsterdam Berbice
Activity:	Storage of Lubricants and Agro-Chemicals

ENVIRONMENTAL PROTECTION AGENCY
Database Updated
[Signature] 3/21/22

Massy Motors (Guyana) Ltd. hereinafter referred to as the “Permit Holder”, is hereby authorised in accordance with the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000, to Store Lubricants and Agro-Chemicals at 3 Strand, New Amsterdam, Berbice hereinafter referred to as the “Project”, in a manner indicated in the Application for Environmental Authorisation submitted on August 24, 2021, and subject to the terms and conditions set forth herein under the Environmental Protection Act, Cap. 20:05, Laws of Guyana, any existing 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 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 Adhere to the **Pesticides and Toxic Chemicals Control Act 2000**.
- 1.3 Agricultural chemicals and lubricants stored by the Project shall be in accordance with the List of Chemicals submitted to the EPA on **October 7, 2021**.
- 1.4 Emergency spill clean-up kits shall be maintained at the Project for response to spills. Kits must contain absorbent materials, drain seals and other appropriate tools for clean-up. Kits must be readily available and clearly identified at the Project.
- 1.5 Chemical Storage Areas shall be clearly labeled: ***“Danger, Chemical Storage Area- Authorized Personnel Only”*** where applicable, as a spill control measure.
- 1.6 Flammable materials shall be stored away from ignition sources. **‘No Smoking’** signs shall be posted where these materials are handled and stored.
- 1.7 Secondary containment (bund area) shall be established and maintained around storage areas of all liquid chemicals by **April 30, 2022**. The secondary containment shall have:
- i. A volume equivalent to the volume of liquid stored within the largest storage container and;
 - ii. Walls constructed of impermeable materials.
- 1.8 Lubricants and agricultural chemicals shall be stored in accordance with the manufacturer’s directions or Safety Data Sheet (SDS) instructions.
- 1.9 Safety Data Sheets for all chemicals and lubricants shall be readily available and easily accessible at all times at the Project.
- 1.10 Lubricants and agricultural chemicals shall be stored away from non-hazardous materials.
- 1.11 Adhere to the labeling of all chemicals with regards to incompatibility with other materials/ chemicals stored within the Facility
- 1.12 Containers holding lubricants and agricultural chemicals 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
- 1.13 Agricultural chemicals stored in ton bags and totes shall:
- i. Be protected from UV rays;
 - ii. Be covered to prevent exposure to dirt, dust, and moisture; and
 - iii. Not hang over the side of pallets used for stacking.
- 1.14 Lubricants and agricultural chemicals stored within drums shall:
- i. Be placed within bunded storage to ensure any leaks or spills are immediately contained;
 - ii. Be clearly marked with their contents, and any appropriate warning symbols;
 - iii. Have scheduled inspection to detect rust, leaks or other damage; and
 - iv. Remain covered to protect the integrity of your chemicals.
- 1.15 Lubricants and agricultural chemicals stored within cans shall be tightly sealed and kept off the floor on pallets to minimise the risk of spills.
- 1.16 Lubricants and agricultural chemicals **shall not** be stored on damaged, or inadequately secured racking or on damaged pallets to minimise risks of spills.
- 1.17 Chemical storage containers shall be inspected for signs of leakage or corrosion and damaged containers must be replaced immediately. Inspection reports shall be maintained on site and made available to the EPA upon request.
- 1.18 A register of the quantities of lubricants and agricultural chemicals stored at the Project shall be established and maintained. A summary of the registered information shall be submitted to the Agency as part of the **Annual Report**.
- 1.19 All employees involved in the management of agro-chemicals and lubricants shall be trained on Hazardous Material Communication and Emergency Preparedness Response. Training report shall be maintained on site and made available to the EPA upon request.
- 1.20 **The Permit Holder is required to submit to the EPA upon receipt, the requisite approvals from the Central Housing and Planning Authority (CH&PA) or any other authority with jurisdiction and oversight over the Project.**
- 1.21 Make all employees, and third parties under your direction, aware of the conditions of the Environmental Authorisation and provide training on good environmental practices. Annual training schedule shall be kept and submitted to the Agency upon

request.

- 1.22 Fire prevention and control equipment shall be maintained in accordance with Guyana Fire Service Approval.
- 1.23 Adhere to the requirements of the **Occupational Safety and Health Act, Cap. 99:01, Laws of Guyana.**

2.0 WATER QUALITY

- 2.1 Adhere to the provisions of the **Environmental Protection (Water Quality) Regulations, 2000.**
- 2.2 Discharge of untreated wastewater from the Project into the environment is **strictly prohibited.**
- 2.3 Chemical spills occurring during handling and loading of lubricants and agricultural chemicals, **shall be** immediately cleaned as guided by the respective Safety Data Sheet and disposed at an EPA authorised disposal facility.
- 2.4 An Oil-Water separator shall be constructed and maintained at the final discharge point from the Facility in accordance with the Environmental Protection Agency guidelines by **April 30, 2022.**

2.4.1 GPS coordinates for this final discharge point shall also be submitted to the EPA by **April 30, 2022.**

- 2.5 All oil-contaminated wastewater shall be directed to the oil- water separator for treatment.
- 2.6 Discharge from the oil- water separator 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 allowable limits should not be exceeded:

Parameter	Maximum Concentration	Units
Oil and Grease	Total Petroleum Hydrocarbon (TPH) < 40	mg/L

A water quality monitoring plan including but not limited to sampling point/s displayed on a map and frequency of sampling shall be submitted to the EPA for approval by **April 30, 2022.**

- 2.7 Drainage systems shall be maintained and capable of handling the probable maximum precipitation during a storm event.

3.0 NOISE QUALITY MANAGEMENT

- 3.1 Adhere to the provisions of the **Environmental Protection (Noise Management) Regulations, 2000.**
- 3.2 Equip all significant noise-producing equipment, such as generators, with silencers or mufflers and/or enclose in suitable acoustic enclosures where necessary, to reduce noise levels impacting the surrounding environment and to achieve compliance with GNBS requirement.
- 3.3 All generators and machines/equipment shall be serviced in accordance to manufacturer's specification to ensure efficiency and reduce the level of noise produced. A summarised maintenance report shall be submitted to the EPA as a component of the **Annual Report.**
- 3.4 Noise emissions shall be monitored at the Project's boundary to determine compliance with Guyana National Bureau of Standards (GNBS) Guidelines for Noise Emissions into the Environment, not exceeding the industrial limits listed below:

Commercial Limits: 80 dB (Day-time (06:00 h -18:00 h))
65dB (Night- time (18:00 h - 06:00 h))

The Permit Holder shall determine a noise quality monitoring plan and submit this plan along with noise quality test results to the Agency as part of the Annual Report. Monitoring shall be conducted by trained personnel using calibrated Type 2 Sound Level Meters.

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. Place covered garbage receptacles, each on an impervious base and at a strategic location, within and outside the storage facility.
- 4.2 Burning solid waste is **strictly prohibited**. All solid waste shall be disposed of by an EPA Authorised Waste Disposal Company.
- 4.3 Good house-keeping, sanitary, and hygienic practices shall be maintained at all times.



4.4 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).

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, 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).

5.2 Monitor the implementation of the conditions of this Permit, insofar as they involve adherence by your employees and all third parties under your direction.

5.3 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.

5.4 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.

5.5 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).

5.6 Submit an **Annual Report** to the EPA on your compliance with this Permit on or before **March 31, each year**.

5.7 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.

5.8 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.

5.9 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.

6.0 INSTITUTIONAL AUTHORITY/ 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 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.

6.5 The Permit Holder shall be liable to compensate any person who suffers any loss or damage as a result of contravening conditions 6.3 and 6.4 of this Environmental Permit, 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, and 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 is effective for the period stipulated herein; **January 2022 to December, 2026.**
- 6.15 This Environmental Permit shall remain valid until **December 31, 2026** 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 Authorization to the Agency at least six months before this Permit expires, that is, no later than **June 30, 2026.**

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6.17 Any late submission of renewal application after the specified date as stated above, the Agency 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 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
 for **Kemraj Parsram**
Executive Director

Date: 2022.01.26

I hereby accept the above terms and conditions upon which this Environmental 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	MARK RODRIGUES
DATE	2022-02-11
SIGNATURE	MRD +
DESIGNATION	DIRECTOR

