



**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.:	20210324-ASSFS
Fee:	Small (C2) i.e. US\$175 per year
Fee Paid:	US\$ 875 for Five (5) Years (October, 2021- September, 2026)
Addressee:	Mr. Wayne Clarke, General Manager Amalgamated Security Services Guyana Inc. Lot O, Ruimveldt Georgetown
Activity:	Operation of a Fuel Storage Facility- Diesel ONLY

ENVIRONMENTAL PROTECTION AGENCY
Database Updated

R. Johns 13/04/22

Amalgamated Security Services Guyana Inc., 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 Store Fuel (Diesel ONLY) at Lot O, Ruimveldt, Georgetown, hereinafter referred to as the "Project", in a manner indicated in the Application for Environmental Authorisation submitted on March 24, 2021, 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 other applicable laws, guidelines, best practices and standards relevant to this project.

The Permit Holder, His Servants, Agents and/or Sub-Contractor(s) 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:
- 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 discharge of effluents; or
 - effect any other change outlined in 20(3) of the Environmental Protection (Authorisations) Regulations.

[Signature]

- 1.2 An Operation and Maintenance Manual shall be developed and maintained. The Manual shall address all aspects of the on-going operation, including the required maintenance and inspection schedule, loss monitoring/investigation procedures, emergency response and requirements for review of the Manual.
- 1.3 The Operation and Maintenance Manual shall be submitted to the EPA for review and approval **by December 31, 2021.**
- 1.4 A register of the types and quantities of fuel and associated hazardous materials stored onsite shall be established and maintained. A summary of the registered information shall be submitted to the Agency as a component of the **Annual Report.**
- 1.5 Emergency spill cleanup kits shall be acquired by **November 30, 2021**, for the Project for response to potential spills. Kits should contain absorbent materials, drain seals and other appropriate tools for clean-up.
- 1.6 **The Permit Holder shall submit to the Agency upon receipt, an updated Central Housing and Planning Authority (CH&PA) approval for Storage of Fuel.**
- 1.7 A Guyana Fire Service approval must be obtained and maintained, of which a copy shall be submitted to the EPA.
- 1.8 Fire prevention and control equipment shall be maintained in accordance with this Guyana Fire Service Approval. This may include a smoke detection and alarm system, fire extinguishers, fire hydrants or sprinkler systems as appropriate.
- 1.9 Adhere to the **Occupational, Health and Safety (OHS) Act, Cap. 99:10, Laws of Guyana.**

2.0 FUEL HANDLING AND STORAGE

Adopt and comply with the National Standard "Guidance for the Design, Construction, Modification, and Maintenance of Petrol Filling Stations" and any forthcoming code of practice/guidelines pertaining to the operation of fuel storage.

- 2.1 Fuel shall at all times be stored above-ground, in a cool, dry place and away from ignition sources. **'No Smoking'** signs shall be posted where fuel is handled or stored.

Secondary Containment

- 2.2 Existing secondary containment around the fuel tank shall be inspected monthly for cracks and breakage to ensure they are liquid tight to withstand hydrostatic pressure of any contained liquid when full. A summarised inspection report shall be submitted to the Agency as a component of the **Annual Report.**

- 2.3 Containment bunds shall remain sealed and all piping must enter or exit the bund over the wall. Bunds shall provide total containment, and no part of the tank infrastructure (e.g. dispenser, filling hoses and valves) shall protrude outside the bund.

Fuel Tank and Pipeline Maintenance

- 2.4 Fuel storage tanks shall be visually inspected to verify their integrity. A summarised inspection report shall be compiled and submitted to the EPA as part of the **Annual Report**.
- 2.5 Protection measures such as painting and coating shall be maintained to minimise corrosion of the fuel tanks.
- 2.6 Maintenance and/or repair of fittings, pipes and hoses shall be conducted in accordance to manufacturer's specifications. A summarised inspection report shall be compiled and submitted to the Agency as part of the **Annual Report**.

Overfill Protection & Leak Detection

- 2.7 Overfill protection shall be maintained on all fuel tanks. This may include an automatic shut off device or an audible or visible overfill alarm.
- 2.8 The safe fill level shall be clearly identified on the gauge and set at 90% to prevent overfilling. In the event of overfilling, all discharges shall be released into the containment bund.
- 2.9 Dispensing equipment shall be designed with the Best Available Technology (BAT) to minimise spills e.g. suction, pressure or gravity systems.

Fuel Transfer

- 2.10 The Best Available Technology/ Technique (BAT) shall be employed to capture fuel lost during the unloading of fuel to storage tanks and refuelling of equipment.
- 2.11 Secondary containment, drip trays or other overflow and drip containment measures shall be installed and maintained at connection points or other possible overflow points.
- 2.12 A Standard Operating Procedure (SOP) for fuel transfer operations including a checklist of measures to follow during filling operations shall be established and maintained. A copy of this SOP shall be submitted to the EPA as a component of the **Annual Report**.
- 2.13 All employees shall be trained on the SOP outlined in **condition 2.12** An Annual training schedule shall be submitted to the EPA as a component of the **Annual Report**.

3.0 WATER QUALITY

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

- 3.1 An Oil-Water separator shall be constructed and maintained at the discharge point from the secondary containment in accordance with the Environmental Protection Agency guidelines by **December 31, 2021.**
- 3.2 A sump with a pump for the discharge of effluent from within the containment shall be installed by **December 31, 2021.** There shall be no release valve on the secondary containment.
- 3.3 Pipes from the pump shall be installed over the secondary containment and discharge directly into the oil- water separator.
- 3.4 Effluent from the secondary containment for the Project shall flow through the oil-water separator and 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	Sample type
Oil and Grease	Total Petroleum Hydrocarbon (TPH) < 40	mg/L	Grab

- 3.5 GPS coordinates for the final discharge point/s from the oil- water separator shall be submitted to the EPA by **January 31, 2022.**
- 3.6 Grab samples shall be collected at this final discharge point. Frequency of sampling shall be determined by the Permit Holder, and samples analyzed for Oil & Grease by a certified laboratory. Result of Oil & Grease analysis shall be submitted to the EPA as a component of the **Annual Report.**
- 3.7 Fuel/lubricants including waste oils shall not be drained from equipment onto the ground or into waterways.
- 3.8 Interceptor drains shall be maintained on site. These must be adequately sloped to collect storm flow.

4.0 AIR QUALITY AND NOISE MANAGEMENT

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



- 4.1 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.
- 4.2 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 as a component of the **Annual Report**.
- 4.3 Noise emissions shall be monitored 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:

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

5.0 WASTE MANAGEMENT

- 5.1 In accordance with the **Environmental Protection (Litter Enforcement) Regulation, 2013**, promote good sanitation and solid waste disposal practices on site; covered garbage receptacles must be placed at strategic locations at the facility.
- 5.2 Waste materials shall not be burnt on site. All solid waste shall be disposed of, at an approved Solid Waste Disposal Site, by an EPA Authorised Waste Disposal Company.
- 5.3 Good house-keeping, sanitary, and hygienic practices shall be maintained at all times. The facility surroundings shall be kept free of vegetation and litter.
- 5.4 Solid waste receptacles shall be secured when not in use.

6.0 COMPLIANCE MONITORING AND REPORTING

- 6.1 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).
- 6.2 Monitor the implementation of the conditions of this Permit, insofar as they involve adherence by your employees and all third parties under your direction.



- 6.3 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.
- 6.4 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.
- 6.5 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).
- 6.6 Submit an **Annual Report** to the EPA on your compliance with this on or before **March 31, each year**.
- 6.7 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 Authorisation 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 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.
 - iii. Submit a report to the Agency indicating the reasons and the anticipated time it is expected to continue if the non-compliance has not been corrected.
- 6.8 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.
- 6.9 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.

7.0 INSTITUTIONAL AUTHORITY/ LIABILITIES

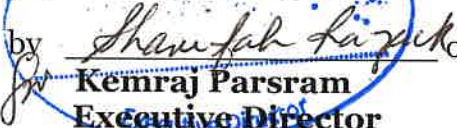
- 7.1 The Permit Holder shall be liable for any material and/or any serious environmental harm caused by polluting the environment, pursuant to s. 39 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.

- 7.2 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.
- 7.3 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.
- 7.4 The Permit Holder shall be liable to compensate any person who suffers any loss or damage as a result of contravening conditions 7.3 and 7.4 of this Environmental Permit pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 7.5 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.
- 7.6 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.
- 7.7 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.
- 7.8 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.
- 7.9 The EPA reserves the right to conduct regular inspections of the Permit Holder's construction 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.

Environmental Permit Ref. No. 20210324-ASSFS

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

- 7.10 The Permit Holder, His Servants, Agents and/or Sub-Contractor(s) 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.
- 7.11 The EPA has the right to modify, cancel or suspend this Permit for breach of any of the terms and conditions contained herein.
- 7.12 This Environmental Permit is not the final consent; all relevant Permissions should be obtained from other regulatory bodies for continued operation.
- 7.13 This Environmental Permit is effective for the period stipulated herein; **October 2021 to September 2026** and shall remain valid until **September 30, 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.
- 7.14 This Permit must be renewed by submitting a completed Renewed Application Form for Environmental Authorisation to the Agency at least six (6) months before this Permit expires, that is, no later than **March 31, 2026**.
- 7.15 Should there be any late submission of the renewal application after the specified date as stated above, the Agency may require the Permit Holder to pay, in addition to 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.
- 7.16 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.

Signed by  on behalf of the Environmental Protection Agency.

Kemraj Parsram
Executive Director


Date

2021.10.22

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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	WAYNE CLARKE
DATE	09 NOV 21
SIGNATURE	
DESIGNATION	GENERAL MANAGER

