



**Environmental
Protection
Agency**

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Environmental Permit (Renewed)

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.:	20180925-KSMEC
Fee:	Medium (C1) i.e. US\$500 per year
Fee Paid:	US\$1,000 for Two (2) years (March 2024- February 2026)
Addressee:	Mr. Kunauth Jadunauth Chief Executive Officer Avinash Contracting & Scrap Metal Inc. 3E, Middleton Street, Campbellville, Georgetown
Activity:	Transportation and Storage of Ferrous & Non-Ferrous Wastes and Waste Electrical and Electronic Equipment (E-waste)

Mr. Kunauth Jadunauth, operating as Avinash Contracting & Scrap Metal 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, for the Transportation and Storage of Ferrous & Non-Ferrous Wastes and Waste Electrical and Electronic Equipment (E-waste) at 9, Coverden, East Bank Demerara, hereinafter referred to as the "Project", in a manner indicated in the Renewal Application for Environmental Authorisation submitted on November 10, 2023, 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.

This is a Renewal of the Environmental Permit Reference No. 20180925-KSMEC, issued on May 13, 2019, and will expire on March 31, 2024.

The Permit Holder, His Servants, Agents, and/or Sub-Contractor(s) 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:
 - i. Change the construction, operation, structure, or layout of the facility and all associated buildings;

Environmental Permit Ref. No. 20180925-KSMEC (Renewed)

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- 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 The Guyana Fire Service approval shall be maintained and fire protection measures such as fire extinguishers and sand buckets shall be provided in accordance with this approval.
- 1.3 All firefighting equipment shall be maintained and serviced according to the Guyana Fire Service requirements.
- 1.4 Operation shall be conducted in accordance with the **Old Metal Dealers (Amendment) Act 2007**.
- 1.5 The Ministry of Tourism, Industry, and Commerce Scrap Metal Unit Certificate shall be maintained and made available for inspection by EPA upon request.
- 1.6 Employees and third parties under the Project's direction, shall be made aware of the Environmental Authorisation and provide training on good environmental practices. Annual training records shall be maintained and made available for inspection by EPA upon request.
- 1.7 Adhere to the requirements of the **Occupational Safety and Health Act, Cap.99:01, Laws, of Guyana**.
- 2.0 TRANSPORTATION OF FERROUS AND NON-FERROUS WASTES and ELECTRICAL & ELECTRONIC EQUIPMENT (E-WASTE)**
- 2.1 Ferrous and non-ferrous scrap wastes shall be transported in a fully enclosed vehicle, or on an 'open top' vehicle.
- 2.2 Ferrous and non-ferrous scrap wastes shall be packed and strapped at least one meter below the height of the vehicle.
- 2.3 Highly visible and legible labels shall be affixed to the Waste Collection Vehicles transporting ferrous and non-ferrous scrap waste, Electrical & Electronic Equipment (E-Waste). Signage shall include the following information:
- i. Identity and contact information of the Project;
 - ii. The words **"Transportation of Ferrous and Non-Ferrous Scrap Waste and Electrical & Electronic Equipment (E-Waste)"**.

Environmental Permit Ref. No. 20180925-KSMEC (Renewed)

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- 2.4 Each transport of ferrous, and non-ferrous scrap wastes and electrical & and electronic equipment (E-Waste) shall generate a manifest. The manifest shall contain the following:
- The name and address of the waste generator;
 - The name and description of the waste and hazard class;
 - The quantity of waste being transported, and;
 - The name and address of the facility designated to receive the waste.

Signed waste manifest forms shall be made available for inspection by the EPA upon request.

3.0 MANAGEMENT OF FERROUS AND NON-FERROUS SCRAP WASTES

- 3.1 Ferrous scrap metal wastes shall be stored under covered areas on the impervious surface that are protected from the ingress of storm or rainwater and bonded by a contained drainage system to collect stormwater.
- 3.2 Storage of ferrous scrap wastes at the Project shall be orderly with adequate distance between stockpiles.
- 3.3 An inventory of ferrous and non-ferrous scrap wastes shall be maintained. The reports shall be made available for inspection by the EPA upon request.
- 3.4 Smelting of scrap metal shall be conducted within a controlled environment designed to control indoor and outdoor hazardous air emissions.
- 3.5 The base of the storage area for non-ferrous scrap waste shall be impervious. The storage area shall be demarcated and shall not be accessible to unauthorized persons.

4.0 MANAGEMENT OF WASTE ELECTRICAL and ELECTRONIC EQUIPMENT (E-WASTE)

- 4.1 The release of Hazardous substances from Waste Electrical and Electronic Equipment (E-Waste) into the air, water, or soil is **STRICTLY PROHIBITED**.
- 4.2 Dismantling and sorting of waste electrical & electronic Equipment (E-Waste) shall be conducted on impervious surfaces.
- 4.3 Management and storage of Waste Electrical & Electronic Equipment (E-Waste) components containing hazardous materials shall be conducted in a secure and designated ventilated area. This area shall include the following:
- Signage- **"E-Waste Storage Area"**
 - Not exposed to direct sunlight and rainfall

iii. No damage components to release gases, liquids, or solid particles into the environment.

4.4 Electrical and Electronic Equipment Waste (E-Waste) shall not be mixed with non-hazardous waste.

4.5 The disposal of Waste Electrical and Electronic Equipment (E-Waste) **is strictly prohibited.**

4.6 An inventory of Waste Electrical and Electronic Equipment (E-Waste) shall be maintained. The reports shall be made available for inspection by the EPA upon request.

5.0 MANAGEMENT OF USED LEAD-ACID BATTERIES

5.1 The Project shall maintain a facility for the treatment of ULAB acid via neutralization.

5.2 ULAB acids shall be neutralized by mixing the acid with a base chemical such as Sodium Carbonate to attain a pH of 7.

5.3 Neutralizing base chemicals shall be stored in accordance with the manufacturer's directions or Safety Data Sheet (SDS) instructions.

5.4 Secondary containment (bund area) shall be established and maintained around storage areas of all liquid chemicals.

5.5 The secondary containment shall have the capacity to store 110% of the volume of the largest storage container and must be constructed of impermeable material such as concrete.

5.6 Used lead-acid batteries shall be stored upright on pallets which shall be inspected for signs of leakage or corrosion. Damaged pallets shall be replaced.

5.7 Acid spills occurring during handling or unloading operations shall be immediately cleaned, as guided by the respective Safety Data Sheet, and appropriately disposed to prevent discharges into surface or groundwater.

5.8 The waste obtained from neutralization shall be stored within a secured, well-labeled, and bonded area. The waste shall be disposed of by an EPA-authorized disposal and treatment facility.

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. Place covered garbage receptacles, each on an impervious base and at a

strategic location, within and outside the storage facility.

- 6.2 Burning solid waste **is strictly prohibited.**
- 6.3 Good housekeeping, 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 Acid-contaminated waste shall be disposed of by an EPA-authorised Hazardous Waste Disposal Facility where applicable.
- 6.5 Maintain the septic tank system onsite. Septic Tanks at all times shall be accessible for cleaning and de-sludging. Septic tanks should be installed with a sand and charcoal filter bed, or other appropriate design for further treatment. This must be 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.
- 6.6 Any modification to the Septic Tank (s) 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 Systems.

7.0 NOISE QUALITY

- 7.1 Adhere to the provisions of the **Environmental Protection (Noise Management) Regulations, 2000.**
- 7.2 Ensure all significant noise-producing equipment, e.g. generators, are equipped with appropriate silencers or mufflers and/or are 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.
- 7.3 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 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))

A noise quality monitoring plan shall be submitted to the EPA for approval. Noise monitoring shall be conducted in accordance to the approved plan and the results shall be submitted to the Agency as part of the Annual Report.

- 7.4 All generators and machines/equipment shall be serviced in accordance to the manufacturer's specifications 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.

8.0 WATER QUALITY

8.1 Adhere to the provisions of the **Environmental Protection (Water Management) Regulations, 2000.**

8.2 Equipment refuelling and maintenance shall be conducted on an impervious base to prevent fuel spills/leaks. Oil spills should be cleaned-up by the best practicable means, to prevent runoff into the waterways.

9.0 COMPLIANCE MONITORING AND REPORTING

9.1 Notify the Environmental Protection Agency **within one (1) hour** of the occurrence of any 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).

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

9.3 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.

9.4 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.

9.5 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).

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

9.7 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

Environmental Permit Ref. No. 20180925-KSMEC (Renewed)

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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.

- 9.8 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.
- 9.9 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.

10.0 INSTITUTIONAL AUTHORITY/ LIABILITIES

- 10.1 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.
- 10.2 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.
- 10.3 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 minimise any resulting adverse effect, pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 10.4 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.
- 10.5 The Permit Holder shall be liable to compensate any person who suffers any loss or damage as a result of contravening conditions 9.3 and 9.4 of this Environmental Permit (Renewed) pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 10.6 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, ultrahazardous substances, chemicals or otherwise, and shall be rendered liable to prosecution and to penalties prescribed under the Environmental Protection Act and Regulations.
- 10.7 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,

Environmental Permit Ref. No. 20180925-KSMEC (Renewed)

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biodiversity, protected species and natural habitat with respect to any release, discharge, or spill, of contaminant fluids, oil or lubricants.

- 10.8 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.
- 10.9 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.
- 10.10 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.
- 10.11 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.
- 10.12 The EPA has the right to modify, cancel or suspend this Permit for breach of any of the terms and conditions contained herein.
- 10.13 This Environmental Permit (Renewed) is not the final consent; all relevant Permissions should be obtained from other regulatory bodies for continued operation.
- 10.14 This Environmental Permit (Renewed) is effective for the period stipulated herein; **March 2024 to February 2026.**
- 10.15 This Environmental Permit (Renewed) shall remain valid until **February 28, 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.
- 10.16 This Permit must be renewed by submitting a completed Renewed Application Form for Environmental Authorisation to the Agency at least six months before this Permit expires, that is, no later than **September 30, 2025.**

Environmental Permit Ref. No. 20180925-KSMEC (Renewed)

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- 10.17 Any late submission of renewal application (s) 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.
- 10.18 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


Date

2024-03-08

Environmental Permit Ref. No. 20180925-KSMEC (Renewed)

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I hereby accept the above terms and conditions upon which this Environmental Permit (Renewed) 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	Sultan Vanderhyden
DATE	2024/04/24
SIGNATURE	
DESIGNATION	Admin Assistance

