



**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.:	20190426-ACOMA
Fee:	Large (C2) - US\$2,000 per year
Fees Paid:	US\$10,000: Five (5) years (March 2024 to February 2029)

Addressee: Mr. Ahamad Ally
Managing Director
Air Services Limited
Eugene F. Correia International Airport
Ogle, East Coast Demerara
Guyana

Activity: Airfield Operations and Hanger

Air Services Limited, herein referred to as the "Permit Holder", is hereby authorised in accordance with the Environmental Protection Act, Cap. 20:05, Laws of Guyana, Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000, for Airfield Operations including Aircraft Hangars and Apron within the Ogle Aerodrome at the Eugene F. Correia International Airport hereinafter referred to as "the Project", in the manner indicated in the Application submitted on April 26, 2021, subject to the terms and conditions set forth herein under the Environmental Protection Act, existing or forthcoming regulations made under the said Act and/or any other applicable laws, best practices, guidelines, approvals, directives, and standards relevant to this project.

Terms and Conditions for Operation to be adhered to by the Permit Holder, his servants, agents and sub-contractors:

1.0 GENERAL

- 1.1 The Permit Holder shall make an application to vary this Environmental Permit in instances where it becomes necessary to:

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- a. change the construction, operation, structure, or layout of the facility and all associated buildings;
- b. change equipment, machine, apparatus, mechanism, system or technology serving the facility;
- c. change the position and design of any outlet at the point or points of discharge of effluents; or
- d. any other change outlined in 20(3) of the Environmental Protection (Authorisations) Regulations.

1.2 The Permit Holder shall employ or designate an employee to the role of an Occupational Health and Safety (OHS)/Environmental Officer to be responsible for the implementation and coordination of all safety requirements, the terms and conditions stipulated in this Permit, as well as compliance monitoring with the preparation of all required reports.

1.3 The Permit Holder shall make all employees, and third parties under their direction, aware of the conditions of the Environmental Authorisation and provide training on good environmental practices.

1.4 The Permit Holder shall ensure that employees are equipped with appropriate protective gear at all times during construction and operation activities. These include protective headgear, respirators, safety vests, safety boots, etc.

1.5 Guyana Fire Service Approval shall be obtained and maintained annually and shall be submitted as a component of the Environmental Annual Report. The Permit holder shall maintain fire prevention and control equipment in accordance with the Guyana Fire Service Approval.

1.6 The Permit Holder shall ensure that all plans, specifications of location, pathways, reserve, and boundary lines are adhered to unless otherwise authorised; evidence of which must be provided to the Agency upon request.

1.7 The Permit Holder shall ensure the implementation of all mitigation measures/recommendations outlined in the accepted **Environmental Management Plan (EMP)** submitted on July 14, 2021.

2.0 WATER AND SOIL QUALITY MANAGEMENT

2.1 The Permit Holder shall strictly comply with the provisions of the **Environmental Protection (Water Quality) Regulations 2000**.

2.2 The Permit Holder shall maintain the integrity of the existing waterways at all times. Discharges into the environment shall be in accordance with the

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Guyana National Bureau of Standards' (GNBS) Interim Guidelines for Industrial Effluent Discharge into the Environment. The following are the allowable limits for this type of project and shall not exceed:

- i. Total Suspended Solid (TSS) < 50 mg/L;
- ii. Total Dissolved Solids (TDS) < 40 mg/L;
- iii. Oil and Grease < 10 mg/L;

- 2.3 The Permit Holder shall avoid erosion, siltation, and sedimentation of existing water bodies within the vicinity of the project site.
- 2.4 The Permit Holder shall install sediment controls along the site perimeter to receive sediments from surface runoff.
- 2.5 The Permit Holder shall construct and maintain drainage systems capable of handling the probable maximum precipitation event.
- 2.6 The Permit Holder shall avoid soil and water contamination from fuel, grease, waste oils, and other petroleum products that might be used at the facility.
- 2.7 The Permit holder shall divert drains from areas of potentially frequent leaks and spills of fuels and chemicals to a treatment area, where the wastewater will be treated using an oil separator before discharged.
- 2.8 The Permit Holder shall store fuel, oils, paints, and chemicals in a secured designated area to prevent accidental release into the surrounding environment, especially in rainy conditions. The designated area shall not be within 100 m of surrounding water bodies.
- 2.9 The Permit Holder shall store all chemicals in leak-proof containers which shall be kept under water-resistant cover and surrounded by secondary containment structures (e.g., spill berms, decks, spill containment pallets) to minimize the potential discharge of chemicals in stormwater and external waterways.
- 2.10 The Permit Holder shall cover temporary stockpiles in a secured designated area.
- 2.11 The Permit Holder shall as far as practicable, conduct refueling, oil changes, and maintenance of vehicles machinery, and other equipment on an impervious base. Oil spills shall be cleaned up by the best practicable means.
- 2.12 The Permit Holder shall avoid excessive or inappropriate use of cleaning chemicals. The use of biodegradable/water-based cleaning products is

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3.0 AIR QUALITY MANAGEMENT AND NOISE ABATEMENT

3.1 The Permit Holder shall strictly comply with **the Environmental Protection (Air Quality) Regulations, 2000 and the Environmental Protection (Noise Management) Regulations 2000.**

3.2 The Permit Holder shall monitor noise emissions in accordance with the approved EMP to determine compliance with the **Guyana National Bureau of Standards (GNBS) Guidelines for Noise Emissions** into the Environment. Sound levels from noise-making devices shall not exceed the limits below, at a distance of 15 metres (50 ft) from the source or property boundary, whichever is closer.

Transportation Limits: **100 dB** during the day (06:00 h - 18:00 h)
 80 dB during the night (18:00 h - 06:00 h)

3.3 The Permit Holder shall ensure that all activities are done in such a manner as to prevent, minimize, control, and or avoid adverse noise nuisance to the surrounding environment. Accordingly, the Best Available Technologies or measures; e.g. silencers, mufflers, enclosures, or other appropriate devices, must be utilized to mitigate adverse noise impacts from heavy machinery on the environment.

3.4 The Permit holder shall plan flight routes, timing, and altitude for aircraft (airplane and helicopter) flying over community areas, to minimize noise emissions.

3.5 The Permit Holder shall ensure all generators are situated away from sensitive receptors with their exhaust stacks at a sufficient distance from other buildings. Exhaust stacks shall be at least 2 metres higher than the tallest nearby building to minimise adverse fumes/soot impacts to the contiguous areas.

3.6 The Permit Holder shall monitor ambient air quality to determine compliance with the World Health Organisation's (WHO) Air Quality Guidelines for Particulate Matter in the Environment, not exceeding the limits below:

PM_{2.5}: 25 µg/m³ 24-hour mean

PM₁₀: 50 µg/m³ 24-hour mean

3.7 The Permit Holder shall ensure all equipment capable of causing, or preventing, emissions shall be maintained in accordance with the

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manufacturer's instructions. An annual maintenance schedule shall be submitted as a component of the Annual Report.

- 3.8 The Permit Holder shall conduct Air Quality monitoring in accordance with the approved **Environmental Management Plan** and **submit the Monitoring Report to the Agency as part of the submission of the required Annual Report**. All monitoring shall be done by trained personnel using calibrated equipment.
- 3.9 The Permit Holder shall record, investigate, and address complaints of excessive noise, dust, and vibrations from the public promptly upon receipt. Maintain a record of all complaints received and the action taken. Records of complaint investigation shall be submitted to the Agency within twenty-four (24) hours of investigation.
- 3.10 The Permit Holder shall optimize its ground service operations to reduce aircraft and ground vehicle movements on taxiways and idling at the gate.

4.0 FUEL AND HAZARDOUS/ WASTE MANAGEMENT

- 4.1 The Permit Holder shall strictly adhere to the provisions of the **Environmental Protection (Litter Enforcement) Regulations 2013** and the **Environmental Protection (Hazardous Waste Management) Regulations, 2000**.
- 4.2 The Permit Holder shall maintain good housekeeping, sanitary and hygienic practices, and upkeep the aesthetic quality of the surroundings at all times.
- 4.3 The Permit Holder shall promote proper solid waste management and disposal practices at the project site, place covered garbage receptacles at strategic locations around the project site, and ensure that waste disposal is done by a competent disposal company/authority.
- 4.4 Dumping of waste into the surrounding environment is **strictly prohibited**. The Permit Holder shall not store waste, inclusive of waste oil and/or fuel, within 10 meters of any waterways.
- 4.5 The Permit Holder shall treat and/or dispose of all hazardous waste by an EPA authorised Hazardous Waste Disposal Facility. All hazardous waste treatment and disposal shall be documented on a Waste Manifest Form which shall be submitted to the EPA as a component of the **Annual Report**.
- 4.6 The Permit Holder shall conduct refueling, oil changes, and maintenance of equipment and aircraft on an impervious base.

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- 4.7 The Permit Holder shall provide and maintain adequate sanitary facilities, such as portable toilets or construct a septic tank system, for employees. The septic tank shall not be located within 1.5 m of a building or property boundary and shall be accessible for cleaning and de-sludging. Any modification to the Septic tanks 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.**
- 4.8 The Permit Holder shall ensure that spill equipment is available and utilized for containing and mitigating spills from fuel, waste oils, lubricants, paints, etc.
- 4.9 The Permit Holder shall ensure that hazardous contaminated absorbent pads and materials are disposed of at an incineration operation approved by the Agency or by an approved Waste Disposal Company.
- 4.10 The Permit Holder shall limit access to hazardous waste storage areas to only employees who are authorised and have received the proper training to execute emergency response protocols in the event of a spill.
- 4.11 The Permit Holder shall designate an area for the storage of fuel, used oil, washing detergents, sanitisers, and other hazardous materials. Hazardous materials/ waste storage areas shall be clearly labelled and secured. The following warning signs shall be clearly posted:
- 4.11.a.1 "Hazardous Waste Storage Area"
 - 4.11.a.2 Danger - "Authorised Personnel Only"
 - 4.11.a.3 No eating, drinking or smoking
- 4.12 The Permit Holder shall ensure that hazardous waste is contained in bunded/kerbed storage areas. These areas shall adhere to the following requirements:
- 4.12.a.1 Be situated in low-traffic areas;
 - 4.12.a.2 No interceptor drains shall be constructed; and
 - 4.12.a.3 Be bunded to provide 110% containment of the largest volume of hazardous materials stored therein.
- 4.13 The Permit Holder shall ensure that hazardous waste is stored in containers appropriate for the waste stream; that is:
- 4.13.a.1 Sealed Plastic Containers
 - 4.13.a.1.1 Water-based waste
 - 4.13.a.2 Sealed Metal Containers
 - 4.13.a.2.1 Solvents and petroleum-based products
 - 4.13.a.2.2 Oil and oily absorbents

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- 4.14 The Permit Holder shall ensure that hazardous waste/materials storage containers are inspected weekly for signs of leakage, deterioration, or corrosion, and damaged containers shall be replaced immediately. Inspection reports shall be maintained and signed by a qualified inspecting officer and his/her supervisor.
- 4.15 The Permit Holder shall designate an area for the storage of First Aid Kit(s); Washing detergents; and Sanitizers (J's Fluid, Pine Sol, etc.) for the project.

5.0 EMERGENCY MANAGEMENT

- 5.1 The Permit Holder shall adhere to the requirements of the **Occupational Health and Safety Act, Cap 99:10, Laws of Guyana.**
- 5.2 The Permit Holder shall ensure the Fire Safety Certificate is renewed annually and all firefighting equipment is maintained and serviced regularly. A fire Safety Certificate shall be submitted in the Annual Report and presented to officers upon request during a compliance inspection.
- 5.3 The Permit Holder shall ensure all employees understand firefighting protocols and are trained in the use of firefighting equipment, such as, fire extinguishers.
- 5.4 The Permit Holder shall ensure an updated Evacuation Plan is maintained and posted at strategic locations.
- 5.5 The Permit Holder shall ensure all employees are aware of the Emergency Preparedness and Response Plan that is in the approved **Environmental Management Plan (EMP).**
- 5.6 The Permit Holder shall ensure at all times the working environment is monitored for occupational hazards relevant to the project's specific construction and operational activities.
- 5.7 The Permit Holder shall ensure at all times the working environment is monitored for occupational hazards.
- 5.8 Emergency spill clean-up kits shall be maintained at fuel storage areas for response to potential spills. Kits shall contain absorbent materials, drain seals, and other appropriate tools for clean-up.

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6.0 COMPLIANCE MONITORING AND REPORTING

- 6.1 The Permit Holder shall strictly comply with any lawful directions given by the Agency from time to time in furtherance of the implementation of any international or other obligation for the environmental protection of Guyana.
- 6.2 Any Approval granted in accordance with this Permit shall be subject to such terms and conditions as may be required by the Agency, and shall be considered as forming part of the present Permit so that any breach or contravention thereof, shall be considered a breach or contravention of the Permit.
- 6.3 The Permit Holder shall monitor the implementation of the conditions of this Environmental Permit, insofar as they involve adherence by employees and all third parties under their direction.
- 6.4 The Permit Holder shall report to the Agency any non-compliance(s) with this Environmental Permit:
- a. Within **twenty-four (24) hours** of the time the Holder of this Environmental Permit becomes aware of the non-compliance, with the anticipated manner in which it may endanger human health or the environment may be impacted.
 - b. 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.
- 6.5 The Permit Holder shall submit an **Environmental Annual Report** to the EPA on your compliance with this Environmental Permit on or before **March 31, each year**.
- 6.6 The Permit Holder shall notify the EPA within **twenty-four (24) hours** 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).

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- 6.7 The Permit Holder shall 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.
- 6.8 The Permit Holder shall 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.
- 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 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 serious environmental harm caused by polluting the environment, pursuant to **s. 39 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.**
- 7.3 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.**
- 7.4 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.**
- 7.5 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 (Renewed), pursuant to **s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.**
- 7.6 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

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effects through the discharge, any contaminant in any amount, concentration, ultra-hazardous substances, chemicals or otherwise, and shall be rendered liable to prosecution and penalties prescribed under the Environmental Protection Act and Regulations.

- 7.7 The Permit Holder shall be liable for any negligence or wilful misconduct caused by the Permit Holder, his Servants and/or Agents, to the environment, biodiversity, protected species, and natural habitat.
- 7.8 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.**
- 7.9 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.**
- 7.10 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.**
- 7.11 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.
- 7.12 The EPA has the right to modify, cancel, or suspend this Permit for breach of any of the terms and conditions contained herein.
- 7.13 **This Environmental Permit is not the final consent; all relevant Permissions shall be obtained from other regulatory bodies before commencing construction activities.**

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- 7.14 This Environmental Permit is effective for the period stipulated herein, **March 2024 to February 2029**.
- 7.15 This Environmental Permit shall remain valid until **February 28, 2029**, unless otherwise suspended, cancelled, modified or varied, in accordance with the **Environmental Protection Act, Cap. 20:05, Laws of Guyana, Environmental Protection (Amendment) Act, 2005**, and the **Environmental Protection (Authorisations) Regulations, 2000**.
- 7.16 This Environmental Permit shall be renewed by submitting "an Application for Renewal of Environmental Authorisation to the Agency at least six (6) months before this Permit expires, that is, no later than **August 31, 2027**
- 7.17 Any late submission of renewal application(s) after the specified date as stated above, may require the Permit Holder to pay, in addition to renewal fees, 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.
- 7.18 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

13.3.2024.

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, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, the Environmental

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Protection (Authorisations) Regulations, 2000, and any forthcoming regulations, best practices, guidelines and standards made under this Act.

NAME:	MOWALLY JEUNE
SIGNATURE:	<i>M. Jeune</i>
DESIGNATION:	ENVIRONMENTAL OFFICER
DATE:	17 / 05 / 2024



CB #1093 dd: 2024.05.15

Date: 20.45



Environmental Protection Agency

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File Copy

002140517

Date:

No. 28009

Received From: Air Services Limited

Environmental Protection Agency

The Sum of: Two Million One Hundred and Five Hundred Dollars and \$2104500.00

17 MAY 2024

For: Environmental Permit large-airfield operations and hangar

FINANCE DIVISION

Cash Cheques Wire Transfer

PAID

Balance due

Amt. \$

Signature: [Signature]

