Noida
International Airport

YIAPL-2025-333

10 September 2025

To
Mr. Shailendra Bhatia
OSD - Noida International Airport Ltd.
Greater Noida, Gautam Buddh Nagar
Uttar Pradesh - 201308

Submission of the Environmental Statement Form V for FY 2024-2025

Dear Mr. Bhatia,

Please find enclosed the Environmental Statement in the prescribed Form V for FY 2024-2025, as per the provisions of the Environment (Protection) Rules, 1986, as amended, and further as required by Miscellaneous Condition (v) of the Environmental Clearance.

Sincerely,

Christoph Schnellmann
Chief Executive Officer

Encl: Environmental Statement Form-V

Yamuna International Airport Private Limited
YIAPL Administrative Office
Noida International Airport
Kishorepur, Gautam Buddha Nagar
Jewar, Uttar Pradesh, India, 203155

www.niairport.in
contact@niairport.in
CIN U62100UP2020FTC165446

Environment statement (Form V)
(See Rule14)
Environmental Statement for the Financial Year ending **31st March 2025**

Part A

Name & address of the owner/occupier of the industry operation or process	The Director Directorate of Civil Aviation, Government of Uttar Pradesh Lucknow Airport, Lucknow - 226 009, Uttar Pradesh
Industry category **Primary-(STC Code)** **Secondary-(SIC Code)**	Airport Project
Production capacity Units	Not applicable
Year of Establishment	Project construction Started from June-2022
Date of Last Environment Statement submitted	01-10-2024 (Submitted for the FY 2023-24)

Part B

Water and Raw material Consumption

i. Water Consumption in M^3/Day:

Sr.	**Water consumption**	**Total Quantity (KLD)**
a	Cooling	NIL
b	Domestic	Average Drinking water consumption from April-24 to Mar-25= 129.41 KLD
c	Process	No fresh/raw water consumed in Construction.

Note:

- ***No fresh water was consumed for cooling, process, or other domestic purposes.***
- ***Only STP-treated water was used for curing, cooling, RMC production, and sprinkling, while RO reject water was utilized in toilets for flushing.***

Name of the products	**Process Water Consumption per Unit of product (m^3)**	
	During Previous Financial year 2022-23 (Oct-2022 to Mar-2023)	**During Current Financial year 2023-24**
Not Applicable	Not Applicable	Not Applicable

ii. Raw Material Consumption

Name of Raw material	Name of Products	Consumption of Raw Material per unit (M3) of output during Current financial year 2024-25 (MT)	
		During Previous Financial year 2022-23 (Oct-2022 to Mar-2023)	During current financial year 2023-24 (Apr-2023 to Mar-2024)
Not Applicable	Not Applicable	Not Applicable	Not Applicable

Part C

Pollution discharged to Environment/unit of output (Parameter as specified in the consent issued)

A. <u>Water pollution load:</u>

Sr. No	Pollutants	Quantity of the pollution parameters of Inhouse STP treated water utilised (mass/day) (Kg/day)	Concentration of the pollution parameters of Inhouse STP treated water utilised (Mass/volume) (mg/L), except pH	% of variation from prescribed standards with reasons	Disposal method
1	pH	7.98	7.98	No deviation from prescribed standards	STP Treated water is being used for sprinkling purpose at the project site
2	Total Suspended Solids	2.40	18.6		
3	COD	11.54	89.2		
4	BOD	1.55	12.0		
5	Oil and grease	0.65	<5.0		

B. <u>Air pollution load</u>

B1: Stack Emission from DG Set No. 7 (Capacity in 30 KVA)

Sr. No	Pollutants	Quantity of Pollutants discharged (mass/day) (g/day)	Concentration of pollutants in discharge (Mass/volume) (g/KWH)	% of variation from prescribed standards with reasons
1	Particulate matter		0.028	Complied
2	Nitrogen Dioxide		0.309	
3	Sulphur Dioxide		0.082	
4	Carbon Monoxide		0.347	

B2: Stack Emission from DG Set No. 1 (Capacity in 62.5 KVA)

Sr. No	Pollutants	Quantity of Pollutants discharged (mass/day) (g/day)	Concentration of pollutants in discharge (Mass/volume) (g/KWH)	% of variation from prescribed standards with reasons
1	Particulate matter		0.038	Complied
2	Nitrogen Dioxide		0.309	
3	Sulphur Dioxide		0.066	
4	Carbon Monoxide		0.312	

B3: Stack Emission from DG Set No. 4 (Capacity in 125 KVA)

Sr. No	Pollutants	Quantity of Pollutants discharged (mass/day) (g/day)	Concentration of pollutants in discharge (Mass/volume) (g/KWH)	% of variation from prescribed standards with reasons
1	Particulate matter		0.016	Complied
2	Nitrogen Dioxide		0.271	
3	Sulphur Dioxide		0.064	
4	Carbon Monoxide		0.401	

B4: Stack Emission from DG Set No. 5 (Capacity in 180 KVA)

Sr. No	Pollutants	Quantity of Pollutants discharged (mass/day) (g/day)	Concentration of pollutants in discharge (Mass/volume) (g/KWH)	% of variation from prescribed standards with reasons
1	Particulate matter		0.014	Complied
2	Nitrogen Dioxide		0.286	
3	Sulphur Dioxide		0.086	
4	Carbon Monoxide		0.352	

B5: Stack Emission from DG Set No. 8 (Capacity in 200 KVA)

Sr. No	Pollutants	Quantity of Pollutants discharged (mass/day) (g/day)	Concentration of pollutants in discharge (Mass/volume) (g/KWH)	% of variation from prescribed standards with reasons
1	Particulate matter		0.092	Complied
2	Nitrogen Dioxide		0.246	
3	Sulphur Dioxide		0.028	
4	Carbon Monoxide		0.118	

B 6: Stack Emission from DG Set No. 2 (Capacity in 250 KVA)

Sr. No	Pollutants	Quantity of Pollutants discharged (mass/day) (g/day)	Concentration of pollutants in discharge (Mass/volume) (g/KWH)	% of variation from prescribed standards with reasons
1	Particulate matter		0.016	Complied
2	Nitrogen Dioxide		0.343	
3	Sulphur Dioxide		0.064	
4	Carbon Monoxide		0.366	

B7: Stack Emission from DG Set No. 6 (Capacity in 500 KVA)

Sr. No	Pollutants	Quantity of Pollutants discharged (mass/day) (g/day)	Concentration of pollutants in discharge (Mass/volume) (g/KWH)	% of variation from prescribed standards with reasons
1	Particulate matter		0.015	Complied
2	Nitrogen Dioxide		0.308	
3	Sulphur Dioxide		0.071	
4	Carbon Monoxide		0.347	

Part D

Hazardous Wastes

[As specified under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016]

Hazardous Waste	Total Quantity disposed (MT)		
	Name of the process waste	During Previous Financial Year 2023-24	During Current Financial Year 2024-25
From Process	Not Applicable	Not Applicable	Not Applicable
From Pollution Control Facilities	Not Applicable	Not Applicable	Not Applicable
Other	Used or spent oil	4.921	4.877
	Wastes or residues containing oil (5.2) i.e. Oil-soaked cotton/cloth waste	NIL	0.56

Biomedical Waste

[As specified under Biomedical Waste Management Rules 2016]

Biomedical Waste	Total Quantity disposed (Kg)		
	Name of the process waste	**During Previous Financial Year 2023-24**	**During Current Financial Year 2024-25**
From Process	Not Applicable	Not Applicable	Not Applicable
From Pollution Control Facilities	Not Applicable	Not Applicable	Not Applicable
Other	**Biomedical Waste**		
	Red Category	98.37	86.115
	White Category	6.29	14.8
	Yellow Category	114.52	71.69
	Blue Category	34.63	38.8

Part E

Solid Wastes

Solid Waste	Total Quantity disposed (MT)	
	During Previous Financial Year 2023-24	**During Current Financial Year 2024-25**
a) From Process	Not Applicable	Not Applicable
b) From Pollution Control Facilities	Not Applicable	Not Applicable
c) (1) Quantity recycled or re-utilized with in the unit	Not Applicable	Not Applicable
(2) Sold	Not Applicable	Not Applicable
(3) Disposed		
Municipal Solid Waste	1082.595	1367.669

Note: *Municipal solid waste is being disposed on regular basis to the authorized & competent agency i.e. Sindhu Hygiene & Enviro Products Private Limited. Non-biodegradable solid waste, metal scrap, plastics etc, disposed to scrap buyers/authorised agencies.*

Part F

Please specify the characteristics (in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

Name of the process waste	Quantity Financial Year (2024-25) in MT	Disposal
Hazardous Waste-Used or spent oil	4.8777	4.6402
Wastes or residues containing oil (5.2) i.e. Oil-soaked cotton/cloth waste Oil Filters Disposal (MT)	0.688	0.56
Municipal Solid Waste	1367.669	1367.669

Part G

Impact of pollution control measures taken on conservation of natural resources and consequently on the cost of production.

The Environment Parameters viz. Ambient Air Quality, Ambient Noise Level, Surface Water Quality, Ground Water Quality, Waste water Quality, Drinking water quality, Soil quality, DG Stack Emissions are being monitored through a NABL accredited agency M/s Vardan. Monitoring of water Quality, DG Stack Emission & Noise are being conducted on monthly basis. Ambient Air Quality Monitoring is being conducted on fortnightly basis at 13 Locations in which 9 locations are inside the project boundary and 4 location is outside the premises. Monitoring reports are being regularly submitted to the concerned authorities along with compliance reports of YIAPL's CTE, EC conditions and TPL's CTO conditions.

Following pollution control measures are being implemented at NIA project site:

1. Reducing carbon footprint at our construction sites by using alternate materials M-sand & Fly-ash/GGBS in civil construction activities.
2. Increasing usage of precast elements/Prefab/Steel Structuring in our construction for temporary facilities as it reduces wastage and is resource efficient.
3. Project has developed & established dust mitigation plan.
4. Deployed water tankers for dust suppression through water sprinkling on roads & transit areas.
5. Deployed Automized Mist Guns for effective Dust Control.

6. Developing paved roads & deployed tractor mounted mechanized Brooming Machine for road cleaning on daily basis.
7. All excavated materials handled and transported in semi wet conditions as well as covered/protected by tarpaulin/green net to avoid dust generation.
8. All construction material is being covered/protected by green net/tarpaulin to avoid dust generation.
9. Manual sprinkling is being done during loading, unloading & material shifting activities.
10. Dust control Devices Installed in all batching plants.
11. Dust collector, Bag filters are installed for collection of flyash from the silos and water sprinklers have been installed at storage bins of RMC plant for dust suppression.
12. Covered conveyor belts provided for raw material feeding at batching plant.
13. 10 meter height sheet covering around Boundary of batching plant has been provided. Intensive plantation along the boundary of RMC Plant is in progress.
14. 3 side covered construction material storage bins are provided along with water sprinklers at the top of the storage bins to prevent the fugitive dust emission.
15. Wheel wash facility has been installed near parking area of project site.
16. Dust masks are provided to all workers to reduce dust inhalation.
17. PUC certificates are mandatory for vehicles & random check are also being carried out.
18. Project has taken initiative to consistently curtail the amount of water consumption, by using curing compound, nanogen based admixtures & adopting curing pump synchronization.
19. Sedimentation tanks has been provided for washing of TMs and concrete wash and the same is being reused again for the mixing of raw materials
20. STP treated water is being used in RMC production process, raw material mixing, curing, water sprinkling.
21. Established the system to segregate waste in three streams Wet Dry & Hazardous waste.
22. Developed designated locations for storage of Hazardous Waste, C&D waste storage as per the stipulated norms. Engaged authorised agencies for disposal of Bio-medical waste & Hazardous waste as per the prescribed rules.
23. Oil Spill Kits have been procured for taking effective spill control measures.
24. Promoting reuse of waste concrete in making paver blocks, pathways, crash barriers, flowerpots and various temporary structures for site utilities.
25. Dedicated Topsoil soil storage area allotted at various location of project site along with green net barricading as well as proper sloping provided in 1:2 ratio (vertical/horizontal).
26. Developing Greenbelt with native species in the provided areas at project site & it’s surrounding.

27. Tree transplantation also being done for replantation or relocation of the trees to the secured location which were cut or moved from the construction sites.
28. Project has developed Environment Cell with qualified personnel.
29. Regular Review of implementation of EMP and Environment aspects is being undertaken regularly at the highest level.

Part H

Additional measures/ investment proposal for environmental protection including abatement of pollution, prevention of pollution

1. Project has initiated for IGBC certification for Passenger Terminal Building, NIA Campus and Office Building West Building under Platinum & Gold Categories.
2. Project has certified for ISO 14001: 2015 & ISO 45001:2018 Certification and successfully completed Stage-1 & Stage-2 Audits & surveillance audit conducted by the certification firm TUV India.
3. Augmentation of mechanized dust suppression with additional water tankers for road sprinkling, additional heavy-duty automized mist guns, installed portable rain guns at construction sites & introduced advanced water tanker having more sprinkling coverage in 3 directions.
4. Installation of Bio-digester completed to utilize food waste & generate Biogas for utilizing the same in cooking purpose.
5. Installation of Organic Waste Converted is under process to generate manure from food waste.
6. Switching from DG to Grid electricity/ Solar energy/Hybrid Energy.
7. Noida International Airport was honored with the 'GEEF Global Environment Award 2025' in the Aviation Industry category on 12th February 2025.

Part I

Any other particulars in respect of Environmental protection and abatement of pollution.

1. Conducting Environment Mock Drill, EHS awareness training programs to employees & workmen periodically and displaying posters, sign boards in the prominent location of workplaces.
2. Project has provided Environment Information Display Board as per the direction of pollution control board at the main gate of the Noida International Airport Project Site.

3. Project has placed digital board for real time monitoring of Ambient Air Quality Monitoring Parameters.
4. Upgrading our fleet from BS- IV to above rated Engines such as BS- VI, Adopting energy efficient appliances i.e VFD in Tower cranes, uses GPS tracking system for monitoring working hours & diesel consumption.
5. Adopting DG Synchronization, Auto on-off System of Street Lights.
6. Various internal & External Audits conducted to ensure continual improvement, 2nd External Annual HSE Audit was held on 27-28th May, 2024 by Bureau Veritas. 3rd Environment Client's Audit held on 18th-19th September 2024, External EHS Audit by Bureau Veritas held on 2nd & 3rd January 2025, ISO Surveillance audits held on 09th to 11th December 2024. TPL Corporate HSE Audit held on 28th – 31st January, 2025.
7. Project organised housekeeping drives, plantation drives, plastic segregation drive time to time for mass Environmental awareness.
8. Project also organised various wellness programs health camps & blood donation camps.
9. Project is conducting motivational programs on regular basis to reward Environment Conscious Personnel.