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Sardar Vallabhbhai Patel
International Airport Ahmedabad

Ref No: AIAL/ESG/GPCB/387 Date: 22.09.2026

PCB ID: 10150

To,
The Member Secretary
Gujarat Pollution Control Board
Paryavaran Bhavan,
Sector 10 – A, Gandhinagar- 382 043

Dear Sir/Madam,

Kind Attn.	:	Unit head, Ahmedabad City
Subject	:	Environmental Statement for the financial year ending 31st March 2026 for "Sardar Vallabhbhai Patel International Airport" Ahmedabad by Ahmedabad International Airport Limited (AIAL)
Reference	:	AWH-145126 issue dated 25.06.2025, validity up to 15.05.2030

With reference to the above-mentioned subject, we are enclosing herewith the duly filled **Form-V [Environmental Statement]** for Ahmedabad International Airport Limited located at Sardar Vallabhbhai Patel International Airport, Ahmedabad for the financial year **April 2025 to March 2026.**

The data covered under this environment statement **(Form V)** is for the period **1st April 2025 to 31st March 2026**.

Kindly acknowledge receipt for the same.
Thank you,

Yours faithfully,
For, **Ahmedabad International Airport Limited.**

Encl.: Environmental Statement (Form-V)
CC: The Regional Officer- Ahmedabad city
Gujarat Pollution Control Board
Gandhinagar- 382 043

Ahmedabad International Airport Limited * Ahmedabad

Mukesh Nankani
(Chief Airport Officer)

***

Ahmedabad International Airport Limited
Terminal 1 Building, 1st Floor,
Sardar Vallabhbhai Patel International Airport
Ahmedabad: 382 475, Gujarat, India.

svpia-ahmedabad.adaniairports.com

CIN: U63030GJ2019PLC110076

Registered office: Adani Corporate House, Shantigram, Near Vaishno Devi Circle, S. G. Highway, Khodiyar, Ahmedabad 382 421, Gujarat, India.

Environment Statement for 2025-26
Ahmedabad International Airport Limited
Sardar Vallabhbhai Patel International Airport, Ahmedabad
(PCB ID: 10150)

Form V
(See Rule 14)

Environmental Statement for the period from 1st April 2025 to 31st March 2026

PART – A

(i)	Name and address of the Owner/ Occupier of the Industry Operation or Process	:	Mr. Mukesh Nankani Chief Airport Officer M/s. Ahmedabad International Airport Ltd (AIAL) (New Name) M/s. Adani Ahmedabad International airport Limited) (Former Name) Aviation Fueling Station, SVP International Airport Ahmedabad- 380004
(ii)	Industry Category	:	Orange-Large
	Primary (STC Code)	:	NA
	Secondary (STC Code)	:	NA
(iii)	Production Capacity	:	**AIAL is an Airport Operator and is not involved in any manufacturing.** 31st July 2006 - Environment Clearance (EC), obtained for Sardar Vallabhbhai Patel International Airport (SVPIA) by Airport Authority of India (AAI). 14th Feb 2020 - Ahmedabad International Airport Ltd (AIAL) has entered into the Concession Agreement with AAI. 7th Nov 2020 – AIAL commenced operation of SVPIA In compliance with this concession agreement, [Commercial Operation Date (COD)]. 17th June 2021 - Environment Clearance (EC), which was granted vide dtd. 31st July 2006 was transferred from AAI to AIAL. 12th October 2022 – ToR to Consent to

Establish (CTE) vide order no. 58203 for Master Plan Development has been obtained by AIAL.

11th November 2022 - Environment Clearance (EC) for Master Plan development of Sardar Vallabhbhai Patel International Airport (SVPIA) was obtained by AIAL.

27.09.2023 - CCA amendment order released as AWH 129314 dated validity up to 20.10.2025.
24.01.2025 – Name change obtained from Adani Ahmedabad International Airport Limited to M/s. Ahmedabad International Airport Limited approval.

25.06.2025 - The renewal and amendment in consolidated consent and authorization for raw water consumption, wastewater generation, new STP capacity and technology upgradation, and hazardous waste category regularization, and now CCA is valid up to 15.05.2030.

18.11.2025 – CTN correction done for CCA name change, STP water discharge mode permission revision, and hazardous waste disposal mode correction. And CCA is valid up to 15.05.2030.

Year of Establishment : 7th Nov 2020
[Commercial Date of Operation (COD)]

(v) Date of last Environment Statement submitted : 29.09.2025

PART – B

Water and Raw Material Consumption

(i) Water Consumption*

Water Consumption	Average Cu. Mtr. /Day
Process	Nil#
Domestic	580
Industrial	386

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***AIAL is an Airport Operator and does not involve in any manufacturing process.**

*Details of the Monthly Water Consumption for the period [Apr25 – Mar26] are enclosed as **Annexure – 1**

	Process Water Consumption per Passenger*	
	During the previous financial year (2024-25)	**During the current financial year (2025-26)**
Water consumption per passenger handled*	0.017KL/ Passenger handled	0.025 KL/ Passenger handled

***AIAL is an Airport Operator and is not involved in any manufacturing.**

(ii) Raw Material Consumption

Name of Raw Material	**Name of Products/ passenger handled**	**Consumption of Raw Material per Unit of output/ Passengers handled**	
		During the previous financial year (2024-25)	**During the current financial year (2025-26)**
Passenger Handled*	Raw material – NA Passenger Handled	Raw Material -NA 13458584	Raw Material -NA 13726588

***As AIAL is primarily engaged in airport operations and does not undertake any manufacturing activities, raw material consumption is not applicable. However, passenger handling data has been presented in the table above.**

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PART – C

Pollutants discharged to Environment/Unit of Output
(Parameters as specified in consent issued)

Pollutants	Quantity of pollutants discharged (Mass/day)		Concentrations of pollutants in discharges		Percentage of variation from prescribed standards with reasons
(a) Waste Water	**Parameters**	**Avg. Mass Kg/Day**	**Parameters**	**Avg.**	The quality of treated wastewater discharged remained within the prescribed regulatory standards throughout the reporting period, with no instances of non-compliance observed. 1. Wastewater generated at the airport is treated through the existing STP facilities. 2. Treated wastewater generated during April 2025 to March 2026 was reused for cooling tower make up, horticulture and landscaping applications. Summary of
	pH	--	pH	7.24	
	Total Suspended Solids	6.39	Total Suspended Solids (mg/l)	14.83	
	BOD (5 Days @ 20 °C)	3.56	BOD (5 Days 20°C) (mg/l)	8.27	
	Fecal coliform	--	Fecal coliform (MPN/100ml)	85.00	

<table>
<tr><td></td><td></td><td></td><td></td><td></td><td>Analysis reports of treated water are enclosed as Annexure – 2</td></tr>
<tr><td rowspan="4">(b) Air</td><td>Parameters</td><td>Avg. Mass Kg/Day</td><td>Parameters</td><td>Avg.</td><td rowspan="4">As part of the Airport's Environment Monitoring Routine, stack emission monitoring of Diesel Generator (DG) Sets is conducted periodically (half-yearly/quarterly).

The results of D.G Set Stack Emission Monitoring for FY 2025-26 are enclosed as Annexure-3
Further, the Ambient Air Quality Monitoring (AAQM) data for FY 2025-26, are enclosed as Annexure-4.</td></tr>
<tr><td>Particulate Matter (PM)</td><td>0.002</td><td>Particulate Matter (mg/Nm^3)</td><td>41</td></tr>
<tr><td>Sulphur Dioxide (SO_2)</td><td>0.004</td><td>Sulphur Dioxide (mg/Nm^3)</td><td>73</td></tr>
<tr><td>Nitrogen Oxide (NO_x)</td><td>0.003</td><td>Nitrogen Oxide (NO_x) (mg/Nm^3)</td><td>58</td></tr>
</table>

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PART – D

Hazardous Wastes
(As specified under Hazardous & Other waste Wastes Management 2016)

Hazardous Wastes	Category	Disposal Method	Total Quantity (MT)	
			During the previous financial year (2024-25)	During the current financial year (2025-26)
(a) From Process	Used Oil	Recycle (Send to recycler) or reuse	0.450	0.000 MT
(b) Pollution Control facilities				

***A total of 2.350 MT of used oil was generated during FY 2025-26. The entire quantity was subsequently disposed of in FY 2026-27 through authorized recyclers/re-processors for environmentally sound management, ensuring proper resource recovery and compliance with applicable hazardous waste management regulations.**

PART – E

Solid Waste

Solid Waste	Total Quantity Generated (MT/Annum)	
	During the previous financial year (2024-25)	During the current financial year (2025-26)
(a) From Process (Ash)	Nil	Nil
(b) From Pollution Control facilities	**MSW solid waste management Annexure – 5**	

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PART-F

Please specify the characterization (in terms of Composition and quantum) of Hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes:

Description of Hazardous /Solid Wastes	Physical Form	Mode of Disposal
Used oil	Liquid hydrocarbon	Collection, Storage, Transportation & Disposal is done by either reusing it within premises or selling out to registered recycler/re-processer. As per Hazardous Waste Management Rules 2016.

Hazardous Waste:

- Hazardous waste generated at AIAL is managed in strict compliance with the provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
- A dedicated hazardous waste storage facility has been established for the safe collection, segregation, and temporary storage of used oil, oil-contaminated filters, cotton rags, and other hazardous waste streams prior to their disposal through authorized recyclers/re-processors.
- A total of 2.350 MT of used oil was generated during FY 2025-26. The entire quantity was subsequently disposed of in FY 2026-27 through authorized recyclers/re-processors for environmentally sound management, ensuring proper resource recovery and compliance with applicable hazardous waste management regulations.
- Additionally, a portion of the used oil was utilized for fire drill exercises and machinery lubrication purposes, in accordance with applicable operational requirements and regulatory provisions.

Other solid waste:

- AIAL has implemented a comprehensive Solid Waste Management (SWM) system across the airport premises to ensure environmentally responsible handling, processing, and disposal of all waste streams generated from airport operations.

- Waste is collected and segregated at source through the deployment of separate bins for dry and wet waste across all operational areas, including Airside, Landside, and Terminal facilities.
- Designated and well-demarcated waste collection points have been established across the airport, from where segregated waste is transported to a dedicated waste management yard for further processing.
- The waste management yard has been designed with adequate space to facilitate secondary segregation of mixed waste. Additionally, a covered shed of approximately 500 sq. m has been developed to support efficient segregation and storage of various waste categories prior to their dispatch to authorized recyclers.
- Biodegradable and food waste generated at the airport is processed through an Organic Waste Converter (OWC), resulting in the production of nutrient-rich compost/manure, which is utilized for on-site horticulture and landscaping activities.
- AIAL has been awarded Zero Waste to Landfill (ZWL) Certification by the Confederation of Indian Industry (CII). In line with the principles of Reduce, Reuse, Reprocess, Recycle, and Recover (5R), all properly segregated waste is channelized to authorized agencies, including M/s Sharda Enterprises, for resource recovery and scientific processing, thereby ensuring minimal disposal to landfill.
- Through the effective implementation of the 5R framework and robust waste management practices, AIAL has achieved a waste diversion rate exceeding 99.9%, reaffirming its commitment to sustainable waste management and circular economy principles.
- The airport continues to maintain its Zero Waste to Landfill status through periodic surveillance audits, continuous process improvements, and adherence to established waste management protocols.
- The implementation of the Digi Yatra system has enabled digital passenger processing and paperless boarding, eliminating the need for physical boarding passes and resulting in an estimated reduction of 8.01 MT of paper waste annually.
- Implemented a paperless digital billing system for non-aeronautical operations, resulting in an estimated annual saving of 1.9 tonnes of paper.
- To support the transition towards paperless operations, digital platforms and electronic documentation systems are being promoted across various airport processes.
- Hand dryers have been installed in terminal washrooms, resulting in a reduction of approximately 32 MT of tissue paper waste annually. This initiative has also reduced the consumption of collection bags used for tissue waste management by approximately 2.57 MT.

- Single-use 200 ml PET water bottles have been phased out and replaced with drinking water dispensers and reusable glass bottles, resulting in an estimated reduction of 23 MT of plastic waste and significantly lowering plastic consumption within airport premises.
- Details of solid waste generated during the compliance period (April 2025 to March 2026) are provided below. Metal scrap directly disposed of by AIAL through authorized recyclers has also been accounted for under recyclable waste.

Month	Recyclable Waste	Food Waste (Composter)
	(kg)	(kg)
Apr-25	15995	11140
May-25	16606	11595
Jun-25	16152	11400
Jul-25	14737	10755
Aug-25	14535	11325
Sep-25	14187	11815
Oct-25	15124	12385
Nov-25	14585	11800
Dec-25	15677	13515
Jan-26	16862	14079
Feb-26	15614	13192
Mar-26	14781	11834

PART – G

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

- During FY 2025-26, Ahmedabad International Airport Limited (AIAL) continued implementation of various pollution prevention, resource efficiency, and sustainability initiatives aimed at reducing environmental impacts while optimizing operational costs. These measures contributed significantly towards conservation of energy, water, raw materials, and natural resources while supporting the airport's long-term Carbon Neutrality, Water Positivity, and Zero Waste to Landfill objective

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Water Recycling:

- AIAL has installed a 1400 KLD Sewage Treatment Plant (STP) equipped with advanced Membrane Bioreactor (MBR) technology. The existing 500 KLD STP was upgraded to a 700 KLD MBR-based STP, resulting in a cumulative treatment capacity of 1400 KLD. Detailed information is given in **Annexure 6**
- The treated wastewater is reused for horticulture, cooling tower make-up significantly reducing dependence on freshwater resources and promoting circular water management.
- Reuse of treated sewage water for landscaping and utility applications has contributed to substantial freshwater conservation, reducing the airport's overall water footprint.
- The adoption of MBR technology ensures higher-quality treated effluent, improved treatment efficiency, and reliable water recovery for non-potable applications, thereby reducing environmental pollution and supporting sustainable operations.
- These measures have resulted in reduced procurement costs for freshwater, optimized water resource utilization, and lowered environmental management costs associated with wastewater disposal.
- As an ISO 14001:2015 and ISO 9001:2015 certified airport operator, AIAL maintains robust environmental and quality management systems, ensuring continual improvement in resource efficiency, regulatory compliance, and environmental performance.

Energy Savings

- Transitioned to **100% green electricity procurement for airport terminal operations from October 2025**, resulting in substantial reduction in Scope-2 greenhouse gas emissions and dependence on fossil-fuel-based grid electricity

- AIAL has implemented several energy efficiency, renewable energy, resource conservation, and waste reduction initiatives as part of its commitment towards environmental sustainability, pollution abatement, and reduction of greenhouse gas (GHG) emissions.
- A solar photovoltaic system with an installed capacity of 1,400 kW has been commissioned for captive consumption, contributing to the use of renewable energy and reduction of GHG emissions.
- Conventional lighting fixtures have been progressively replaced with energy-efficient LED lighting systems across all feasible locations within the airport premises, resulting in a significant reduction in electricity consumption.
- Chiller operating temperatures have been optimized by increasing the chilled water temperature from 7°C to 11-12°C, while maintaining passenger comfort levels within terminal buildings, thereby improving energy efficiency.

- Energy optimization has been achieved through re-engineering of the HVAC system, including the integration of arrival and departure chiller lines, resulting in a reduction in the number of chillers required for operation.
- Temperature controllers have been installed for Air Handling Unit (AHU) operations to enhance operational efficiency and optimize energy consumption.
- Variable Frequency Drives (VFDs) have been installed on STP blowers, and damaged diffusers have been replaced to minimize energy losses and improve system performance.
- Existing reciprocating compressor-based air-conditioning units utilizing R-22 refrigerant have been replaced with 96 HP Variable Refrigerant Volume (VRV) systems at the radar building, resulting in improved energy efficiency and reduced environmental impact.
- High-efficiency CTI-certified cooling towers with a 2.8°C approach temperature have been installed, achieving energy savings of approximately 30%.
- Approximately 50 occupancy sensors have been deployed in offices and operational areas to enable automatic lighting control and reduce unnecessary energy consumption.
- Localized air-conditioning systems have been implemented in server rooms in place of centralized cooling systems, thereby reducing energy usage.
- Automated lighting control systems have been installed across airport facilities. Landside streetlights are operated through timer-based controls aligned with daylight availability to optimize electricity consumption.
- Solar-powered street lighting is being progressively explored and implemented to further enhance the use of renewable energy resources.
- Regular awareness programs, sensitization initiatives, and continuous follow-up with operational teams are undertaken to strengthen environmental stewardship and improve sustainability performance across airport operations.
- Preventive and periodic maintenance of AHUs, chillers, cooling towers, filters, and coils is undertaken to ensure optimum energy performance and efficient operation of building management systems.
- Currently, approximately 62% of the airport's vehicle fleet comprises electric vehicles, significantly reducing fossil fuel consumption and associated emissions.
- Airlines and ground handling agencies are regularly encouraged and sensitized to adopt electric vehicles, including electric tractors and passenger bus coaches, within the airport ecosystem.

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Water Conservation:

- Approximately 100 sensor-based water taps have been installed across washrooms within the terminal building, enabling efficient water usage and minimizing water wastage through automatic flow control.
- As part of sustainable maintenance practices, solar panels are cleaned using dry-cleaning techniques instead of conventional water washing, resulting in water savings of approximately 10 KL per month.
- Water-saving aerators have been installed in washroom fixtures to optimize water flow rates and improve water-use efficiency without compromising user comfort.
- A cloud-based smart irrigation system has been implemented for the Poly House Nursery and other landscaped areas, resulting in a reduction in water demand of approximately 17,000 KL through optimized irrigation scheduling and real-time monitoring.
- Treated wastewater from the Sewage Treatment Plant (STP) is extensively reused for horticulture, landscaping, cooling tower make-up, and other non-potable applications, thereby reducing the consumption of freshwater resources.
- Automated floor-cleaning robots have been deployed across terminal facilities, resulting in water savings of approximately 16,000 KL through efficient cleaning operations and optimized water consumption.

Air Management:

- Adoption of green electricity, EVs, and energy-efficient infrastructure contributed to reduced air pollutant emissions and greenhouse gas emissions
- Replacement of CO_2-based fire extinguishers with environmentally preferable clean-agent systems reduced environmental impact associated with fire protection system.
- Ambient Air Quality Monitoring (AAQM) is carried out through a NABL-accredited laboratory at designated locations within the airport premises to assess compliance with applicable ambient air quality standards.
- The monitoring results for the reporting period indicate that all measured parameters were within the prescribed regulatory limits, demonstrating compliance with the applicable environmental standards.
- A summary of the Ambient Air Quality Monitoring (AAQM) results for FY 2025-26 is enclosed as **Annexure-4**.
- DG Set Stack Emission Monitoring is also conducted through a NABL-accredited laboratory at prescribed intervals to evaluate compliance with applicable emission standards and environmental regulations.

- The environmental monitoring data, including AAQM and DG Set Stack Emission Monitoring results, is regularly submitted to the State Pollution Control Board and other relevant regulatory authorities as part of the Half-Yearly Environmental Compliance Reports and other statutory submissions.
- These monitoring activities form an integral part of AIAL's Environmental Management System and support the continuous assessment and improvement of environmental performance across airport operations.

Noise Monitoring & Mitigation:

- Airport has installed continuous noise monitoring station at community area at the end of both the runway end. The results are well within permissible limits and comply with the DGCA requirement.
- Aircraft operations at AIAL are conducted in accordance with the prescribed Standard Instrument Arrival and Departure Procedures (SIAP/SID), which establish designated flight paths and operational profiles to ensure safe aircraft movement while minimizing noise impacts on surrounding communities.

- Pilots are encouraged to adopt Continuous Descent Approach (CDA) procedures, wherever operationally feasible, to reduce aircraft noise levels and associated environmental impacts.

- Noise generated from vehicular movement within the airport premises is controlled through the enforcement of prescribed speed limits and regular maintenance of vehicles to ensure optimal operating conditions.

- All Diesel Generator (DG) sets are equipped with acoustic enclosures and silencers/mufflers to minimize noise emissions and ensure compliance with applicable noise standards.

- Regular ambient noise monitoring is undertaken at four designated locations through MoEF&CC /NABL-accredited laboratories. In addition, continuous 7-day flight path noise monitoring is conducted at three locations to assess the impact of aircraft operations on the surrounding environment.

- To further strengthen the airport's noise monitoring network, two Continuous Online Noise Monitoring Stations (NMS) have been installed at both ends of the runway for real-time noise assessment and performance tracking.

- AIAL has conducted a comprehensive Noise Mapping and Noise Zoning Study in accordance with the applicable DGCA Civil Aviation Requirements (CAR), and the study has been duly approved by the Directorate General of Civil Aviation (DGCA).

- All mitigation measures prescribed as part of the DGCA-approved Noise Zoning Plan are being effectively implemented and monitored to ensure continued compliance and minimization of noise-related impacts.

PART – H

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

- AIAL adopts non-destructive Wildlife Hazard Management practices to ensure aviation safety while safeguarding local biodiversity. As part of these measures, environmentally safe organic chemical sprays are utilized for the control of grass and weeds within operational areas.
- Regular airside inspections are conducted to identify and manage wildlife presence within the airport operational area. Wildlife, including monkeys and other animals entering the airside zone, is safely captured and relocated to suitable habitats or forest areas in coordination with the concerned authorities, thereby ensuring both wildlife protection and aviation safety.
- AIAL has developed and maintains substantial green cover across the airport premises and has also established a dedicated nursery facility to support landscaping, afforestation, and biodiversity enhancement initiatives.
- During FY 2025-26, AIAL incurred an expenditure of approximately INR 2940 Lakhs towards environmental management measures, covering initiatives related to pollution control, natural resource conservation, waste management, environmental monitoring, biodiversity conservation, energy efficiency, and sustainability programs. Detailed expenditure information is enclosed as **Annexure-7.**

PART – I

Any other particulars for improving the quality of the environment:

Actions for Carbon Emissions Inventory & Carbon Neutrality and social welfare initiatives

Carbon Management and Decarbonization

- A comprehensive Airport Carbon Emissions Inventory has been carried out to quantify and monitor greenhouse gas emissions associated with airport operations.
- Systems and processes have been established for the preparation of annual GHG emission inventories in accordance with ISO 14064 requirements and the Airport Carbon Accreditation (ACA) Level 4+ framework, representing the highest level of airport carbon accreditation.

- Based on baseline emissions and projected future growth, AIAL has developed a detailed roadmap towards achieving Carbon Neutrality and Net Zero Emissions in line with ACA guidelines and international best practices.
- Existing air-conditioning units operating on R-22 refrigerant are being progressively replaced with energy-efficient BEE 5-Star rated R-32 refrigerant-based systems, resulting in lower energy consumption and reduced environmental impact.
- AIAL have started getting 100% green energy for terminal operations from 20th Oct 2025, thereby significantly reducing Scope 2 greenhouse gas emissions.
- As part of Scope 1 emission reduction initiatives, all 273 CO_2-based fire extinguishers have been replaced with environmentally preferable clean-agent fire extinguishers. The phased-out CO_2 extinguishers are being disposed of through an approved disposal programme.

Fleet Decarbonization and Sustainable Transportation

- Under the fleet decarbonization programme, 53 out of 93 airport vehicles have been converted to electric vehicles (EVs), resulting in an increase in the EV fleet penetration from 35% to 61.5%.
- To support the transition towards electric mobility, as on date we have 690 KW capacity of EV charging stations have been installed.
- These initiatives reinforce AIAL's commitment to reducing fossil fuel consumption and emissions associated with airport ground transportation. .

Water Stewardship and Water Positivity

- In December 2024, AIAL undertook a comprehensive Water Assessment Study in collaboration with the Energy and Resources Institute (TERI) to evaluate water-related risks, opportunities, and conservation measures.
- Based on the findings of the study, a detailed mitigation and adaptation plan is being implemented to support AIAL's objective of achieving Water Positive Status.
- Water-saving aerators (Neoperl) have been installed on approximately 135 water taps across Terminal 1, Cargo Terminal, Terminal 4, ATC, Fire Station, and other facilities.
- This initiative has resulted in estimated water savings of approximately 1,495 KL per month, annual cost savings of around INR 6.1 Lakhs, and an estimated payback period of approximately 0.05 years, demonstrating significant operational and environmental benefits.

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Waste Management and Circular Economy

- AIAL has been awarded Zero Waste to Landfill (ZWL) Platinum - Class I Certification by the Confederation of Indian Industry (CII), recognizing its exemplary waste management performance.
- The certification validates the airport's achievement of a waste diversion rate exceeding 99.9%, accomplished through the systematic implementation of the 5R Principles: Reduce, Reuse, Reprocess, Recycle, and Recover.
- To enhance organic waste management capabilities, an Organic Waste Converter (OWC) with a processing capacity of 500 kg per day has been installed for on-site treatment of biodegradable waste.
- Implemented a **100% Digital Billing System** for non-aeronautical operations, eliminating the use of paper-based bills and resulting in an annual reduction of approximately **1.9 tonnes of paper consumption**.
- Due to sustained DigiYatra promotion campaigns and passenger awareness drives, DigiYatra adoption increased from 20% in FY 2024-25 to 28% in FY 2025-26. This shift towards a seamless digital passenger journey has resulted in an estimated annual reduction of 8.01 tonnes of paper waste, contributing significantly to the airport's sustainability and resource conservation objectives.
- AIAL has eliminated the use of paper towels across terminal facilities and replaced them with touchless hand dryers, yielding substantial environmental benefits, including:
    - Conservation of approximately 810 trees annually;
    - Reduction of approximately 32 tonnes of paper waste per year;
    - Elimination of approximately 2.5 tonnes of plastic collection bags annually; and
    - Annual cost savings of approximately INR 66 Lakhs.

Air Quality Monitoring and Environmental Surveillance

- A Continuous Ambient Air Quality Monitoring System (CAAQMS) has been installed within the airside area to facilitate real-time monitoring of key air pollutants and strengthen environmental performance assessment.
- The system continuously monitors multiple air quality parameters and supports proactive environmental management and regulatory compliance.

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SOCIAL INITIATIVES under ESG program:

Month & Year	Event	Details
June 2025	World Environment Week	Celebrated with the theme *Beat Plastic Pollution* to raise plastic awareness.
June 2025	Blood Donation Camp	Organized to encourage voluntary blood donation.
June 2025	International Yoga Day	Celebrated to promote health and wellness through yoga.
August 2025	Independence Day	National celebration was held at the airport premises.
October 2025	Gandhi Jayanti	Theme: *Swachhagrah* — Cleanup drive with public participation across airport premises.
January 2026	Republic Day	Celebrated with patriotic spirit and community involvement.
February 2026	Oral & Dental Health Awareness Program	118 participants attended the awareness session.
March 2026	Safety Week Celebration	Focused on workplace safety and awareness activities.
March 2026	Road Safety Awareness Drive	Driving Safety Event organized with stakeholder support; bike rally from T2 Fire Gate to T1 VIP Parking.
March 2026	Women's Day Celebration	Honoring women's contributions and promoting gender inclusion

Date: (Signature)

Ahmedabad International Airport Limited Ahmedabad

Designation: **Chief Airport Officer**

Mr. Mukesh Nankani

Address: Terminal-1, SVPI Airport
Ahmedabad Gujarat-380009

Environment Statement for 2025-26
Ahmedabad International Airport Limited
Sardar Vallabhbhai Patel International Airport, Ahmedabad

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Annexure – 1
Details of Water Consumption and Treated Water Discharge

Month	Water Consumption			
	Category-1 (Domestic), KL	Category-2 (Industrial), KL	Total, KL	Treated water, KL
Apr-25	19168	12778	31946	7382
May-25	19145	12764	31909	9840
Jun-25	17918	11945	29864	12932
Jul-25	16403	10936	27339	12335
Aug-25	13341	8894	22235	14331
Sep-25	16811	11207	28019	13512
Oct-25	18774	12516	31291	13936
Nov-25	19892	13261	33153	13336
Dec-25	17131	11421	28552	14034
Jan-26	18218	12145	30363	13676
Feb-26	15732	10488	26219	15636
Mar-26	18999	12666	31665	16532
Total	211533	141022	352555	157482
Per Month	17628	11752	29380	13124
Per Day	**580**	**386**	**966**	**431**

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Sardar Vallabhbhai Patel International Airport, Ahmedabad

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Annexure 2

STP Treated Water Characteristic									
Sr. No.		Parameters							
	Parameters	pH	TSS	BOD (3D)	COD	Ammoniacal Nitrogen	Total Nitrogen	Total Phosphorus	Fecal coliform
	Limit as per GSR 1265 (E)	5.5 - 9.0	20	10	50	---	10	1	230
	Month	(@ 25 °C)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	MPN/100ml
1	Apr-25	7.7	15	7.14	24	6.38	9.3	0.69	120
2	May-25	7.5	14	<4	28	7	8.76	0.75	27
3	Jun-25	7.9	17	<4	12.24	5.26	7.28	0.71	23
4	Jul-25	7.9	15	<4	<4	5.38	7.11	0.64	17
5	Aug-25	7.5	17	<4	<4	6.27	9.22	0.52	23
6	Sep-25	7.9	14	<4	<4	7.61	8.72	0.54	50
7	Oct-25	7.5	16	9.2	32	7.95	9.71	0.58	130
8	Nov-25	6.7	12	<4	<4	7.16	9.85	0.69	80
9	Dec-25	6.6	14	<4	<4	6.38	9.22	0.71	170
10	Jan-26	6.5	18	8.36	31.4	6.5	9.8	0.79	170
11	Feb-26	6.6	14	8.36	26.9	6.72	9.6	0.81	140
12	Mar-26	6.6	12	<4	7.6	7.61	9.2	0.59	70

Sewage Water Quality (STP)

Sewage water samples are collected from the Sewage Treatment Plant (STP) Outlet to assess the quality of treated effluent and ensure compliance with the prescribed regulatory standards. The analytical results of the samples are presented.

Detailed testing and analysis are carried out by M/s Hydro Labs Private Limited. One grab sample is collected every month from the STP Outlet located behind the Powerhouse, Terminal-2. The results indicate that all monitored parameters are within the applicable statutory discharge norms, as specified alongside the table. The monitoring

										program confirms the effective operation of the STP and compliance with regulatory requirements.
	Minimum	**6.50**	**12.00**	**7.14**	**7.60**	**5.26**	**7.11**	**0.52**	**17.00**	**Remarks: Results are satisfactory and well within permissible limits**
	Maximum	**7.90**	**18.00**	**9.20**	**32.00**	**7.95**	**9.85**	**0.81**	**170.00**	
	Yearly average	**7.24**	**14.83**	**8.27**	**23.16**	**6.69**	**8.98**	**0.67**	**85.00**	

Remarks: Results are satisfactory and well within permissible limit.

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Annexure: - 3

Summary of DG set emission: (F2025-26)

Summary of DG set emission:		**Parameter**			**Quantity**			**Running hours of DG set**	**Pollutant Quantity in Kg**		
		Annual Average			in Mg/Nm^3						
Stack	Stack No	PM (mg/Nm3)	SO2 (ppm)	NOX (ppm)	PM	SO2 (factor 2.86)	NOx (Factor 2.05)	Hrs. / annum	PM Kg	SO2 Kg	NOx Kg
DG Set 1 (250 KVA, T4 Radar Apron area)	S1	35.85	23.3	25.8	36	66.6	52.89	53.9	1.1	2.1	1.7
DG Set 2 (250 KVA, T4 Radar Apron area)	S2	33.95	23.2	25.8	34	66.4	52.89	24.7	1.6	2.8	2.4
DG Set 3 (1500 KVA, T2 Substation)	S3	68.5	41.2	43.95	69	117.8	90.10	7.22	1.0	1.6	1.3
DG Set 4 (1500 KVA, T2 Substation)	S4	64.7	44.4	48	65	127.0	98.40	4.25	0.7	1.3	1.0
DG Set 5 (1500 KVA, T2 Substation)	S5	68.9	43.15	46.8	69	123.4	95.94	0.92	0.9	1.5	1.2
DG Set 6 (1500 KVA, T2 Substation)	S6	73.3	47.9	42.6	73	137.0	107.83	5.34	0.8	1.5	1.2
DG Set 7 (750 KVA, T2 Substation)	S7	0	0	0	0	0.0	0.00	0	0	0.0	0.0
DG Set 8 (320 KVA, T3 Powerhouse)	S8	0	0	0	0	0.0	0.00	0	0	0	0
DG Set 9 (500 KVA, T1 Powerhouse)	S9	54.8	28.75	31.15	55	82.2	63.86	5	1.1	1.9	1.4

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Summary of DG set emission:		**Parameter**			**Quantity**			**Running hours of DG set**	**Pollutant Quantity in Kg**		
		Annual Average			in Mg/Nm^3						
Stack	Stack	PM	SO2	NOX	PM	SO2	NOx	Hrs. /	PM	SO2	NOx
DG Set 10 (500 KVA, T1 Powerhouse)	S10	56.05	31.95	36.2	56	91.4	74.21	8	0.5	0.8	0.8
DG Set 11 (500 KVA, T1 Powerhouse)	S11	0	0	0	0	0.0	0.00	0	0	0.0	0.0
DG Set 12 (500 KVA, T1 Powerhouse)	S12	50.9	33	37.35	51	94.4	76.57	4	0.4	0.8	0.7
DG Set 13 (500 KVA, T1 Powerhouse)	S13	54.15	33.4	38.85	54	95.5	79.64	6	0.8	1.4	1.2
DG Set 14 (500 KVA, T1 Powerhouse)	S14	52.25	34.15	38.65	52	97.7	79.23	6	0.6	1.2	0.9
DG Set 15 (320 KVA, T3 Powerhouse)	S15	0	0	0	0	0.0	0.00	0	0	0.0	0.0
				Average	41	73.3	58.10	**Total**	**9.4**	**16.8**	**13.7**
					PM	SO2	NOx		PM Kg	SO2 Kg	NOx Kg
					mg/Nm3	mg/Nm3	mg/Nm3	**Avg. Mass Kg/Day**	0.026	0.046	0.037
Permissible limits		**150 mg/Nm3**	**100 PPM**	**50 PPM**							

Conclusion: Stack Sampling and analysis done as Per IS 11255 standards on Six Monthly Basis and All results found satisfactory.

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Annexure 4: Ambient Air Quality (AAQM)

Ambient Air Quality (AAQ)

Sampling was carried out twenty-four hours at each station for one month using pre-calibrated Respirable Dust Samplers. In each of the stations earmarked, samples were collected for SO_2, NO_2, Fine Particulate Matter $PM_{2.5}$ (FPM), Respirable Particulate Matter PM_{10} (RPM) samples were collected at twenty-four hourly and Ozone, Hydrocarbons were collected at eight hourly, and some were sent to Laboratory for analysis.

The ambient air quality has been established through a scientifically designed ambient air quality-monitoring network and is based on the following considerations:

- Main Airport Activities like vehicular Movement and core operational areas of the terminal Outside and Air Side.
- Representatives of likely impact areas.

The Ambient Air Quality Monitoring (AAQM) stations were set up at four locations with due consideration to the above-mentioned points and as per the MoEFCC guidelines.

To assess the Environment monitoring at Ahmedabad International Airport Limited., parameters like Fine Respirable Particulate Matter (FRPM), Respirable Particulate Matter (RPM) Sulfur Dioxide (SO_2), Nitrogen Dioxide (NO_2), Ozone(O3) and Hydrocarbons (HC). The details of the sampling locations are given below in

AMBIENT AIR QUALITY MONITORING LOCATIONS

Location Code	Name of the Location
AAQ1	Near STP Colony-Air Side
AAQ2	Near AMU Behind T4-Air Side
AAQ3	Near Meghani Nagar
AAQ4	Near Nobel Nagar

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	PM2.5	PM10	SO2	NO2	O3	CO	HC
Minimum (AAQ1)	20.64	55.41	17.07	18.58	10.30	450.00	BDL
Minimum (AAQ2)	20.48	53.28	13.55	15.07	10.40	500.00	BDL
Minimum (AAQ3)	18.98	51.18	12.41	13.37	10.10	410.00	BDL
Minimum (AAQ4)	20.03	46.71	11.42	12.99	10.20	439.00	BDL
Min Value	18.98	46.71	11.42	12.99	10.10	410.00	BDL
Maximum (AAQ1)	36.87	78.91	26.13	28.22	19.80	687.00	BDL
Maximum (AAQ2)	37.74	70.12	24.84	27.11	18.60	686.00	BDL
Maximum (AAQ3)	28.35	61.74	22.22	21.39	20.80	612.00	BDL
Maximum (AAQ4)	34.20	72.42	25.99	28.22	19.20	682.00	BDL
Max Value	37.74	78.91	26.13	28.22	20.80	687.00	BDL
Average (AAQ1)	31.64	69.23	23.16	24.74	13.68	543.72	BDL
Average (AAQ2)	28.25	63.11	21.07	22.87	14.41	552.25	BDL
Average (AAQ3)	24.07	56.30	15.02	17.16	12.98	477.06	BDL
Average (AAQ4)	24.26	55.41	16.29	18.20	12.43	482.60	BDL
Aver Value	27.05	61.01	18.88	20.74	13.38	513.91	BDL
98%le (AAQ1)	36.20	77.24	25.82	26.92	17.86	674.00	BDL
98%le (AAQ2)	36.44	69.67	24.68	26.43	18.39	673.64	BDL
98%le (AAQ3)	27.87	61.25	21.36	19.85	17.74	584.92	BDL
98%le (AAQ4)	31.97	70.41	24.41	27.20	18.89	651.52	BDL
Per Value	36.42	76.83	25.75	27.18	18.86	673.98	BDL
NAAQ Standards for 24 Time weighted Average	60 $\mu g/m^3$	100 $\mu g/m^3$	80 $\mu g/m^3$	80 $\mu g/m^3$	100 (8hrs TWA)	2000	--

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Overall AAQMS all four-location results FY 2025-26

Conclusion: The sampling is done in four locations for a sampling period of 24 hours. The observed L-Day and L-Night Monitored Values were found to be well within the prescribed limits of Latest Notification on 18th June 2018- GSR 568(E).

Date of Sampling	Location Code: AAQ1						
	Location Name: Near STP Colony-Air Site						
	Results(µg/m3)						
	$PM_{2.5}$	PM_{10}	SO_2	NO_2	Ozone	CO	HC
01-04-2025	35.11	75.94	24.06	25.64	13.8	533	BDL
04-04-2025	36.59	77.1	23.26	25.17	13.5	529	BDL
08-04-2025	35.2	74	23.88	25.64	12.7	522	BDL
11-04-2025	36.87	78.38	23.53	25.4	12.4	533	BDL
15-04-2025	35.8	77.25	24.35	26.11	12.4	533	BDL
18-04-2025	34.09	74.97	23.49	25.87	12.7	535	BDL
22-04-2025	34.57	76.55	22.1	26.58	13.1	519	BDL
25-04-2025	35.36	78.91	22.72	26.81	13.4	522	BDL
29-04-2025	34.58	75.3	23.62	26.58	13.7	527	BDL
02-05-2025	36.2	76.84	23.01	25.4	14.1	535	BDL
06-05-2025	31.04	68.7	18.78	18.58	10.8	478	BDL
09-05-2025	29.41	66.59	21.6	23.52	11.7	503	BDL
13-05-2025	31.25	67.81	23.41	24.7	12.5	511	BDL
16-05-2025	33.4	70.11	24.24	25.4	12.8	515	BDL
20-05-2025	32.08	71.53	24.53	25.64	13	520	BDL
23-05-2025	34.95	73.4	24.81	26.11	13.2	524	BDL
27-05-2025	31.72	60.64	21.89	23.52	11.42	498	BDL
30-05-2025	33.69	68.6	23.84	24.46	11.6	502	BDL
03-06-2025	32	69.5	22.8	18.81	11.4	497	BDL
06-06-2025	30	68.2	21.33	21.87	10.9	470	BDL
10-06-2025	33.4	68.9	23.47	19.28	10.8	450	BDL
13-06-2025	28.97	67.42	22.14	20.7	10.5	491	BDL
17-06-2025	29.25	66.49	22.01	23.76	10.3	506	BDL
20-06-2025	30.26	68.2	22.7	24.7	10.6	513	BDL
24-06-2025	31.5	66.1	23.03	25.17	10.9	514	BDL
27-06-2025	32.14	67.22	23.38	25.4	11.2	508	BDL
01-07-2025	31.53	66.46	22.56	24.23	11.6	513	BDL
04-07-2025	32.25	67.8	23.03	24.7	11.5	514	BDL
08-07-2025	33.57	69.15	23.51	25.4	11.8	517	BDL
10-07-2025	32.24	68	23.11	25.17	12	525	BDL
15-07-2025	34.13	71.56	23.8	26.11	12.3	519	BDL
18-07-2025	33.55	69.8	23.59	25.87	12.5	526	BDL
22-07-2025	32.85	68.43	23.03	25.4	12.6	531	BDL

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Date of Sampling	Location Code: AAQ1						
	Location Name: Near STP Colony-Air Site						
	Results(µg/m3)						
	$PM_{2.5}$	PM_{10}	SO_2	NO_2	Ozone	CO	HC
25-07-2025	33.74	70.5	22.5	24.93	12.8	536	BDL
29-07-2025	32.28	68.91	23.22	25.64	12.4	520	BDL
01-08-2025	31.18	67.44	22.77	25.17	12.2	525	BDL
05-08-2025	32.5	69.1	23.57	25.4	12.5	532	BDL
08-08-2025	33.35	70.5	23.18	24.93	12.3	529	BDL
12-08-2025	34.16	71.36	22.85	24.46	12.5	535	BDL
14-08-2025	32.85	69.74	23.38	24.93	12.7	538	BDL
19-08-2025	32.22	68.89	23.79	25.4	12.4	532	BDL
22-08-2025	30.79	65.3	23.28	24.93	12.2	526	BDL
26-08-2025	32.32	68.76	23.51	25.17	12.4	524	BDL
29-08-2025	31.43	66.25	24.09	25.64	11.9	531	BDL
02-09-2025	32.85	68.9	23.71	24.93	11.5	527	BDL
05-09-2025	32.21	67.49	24.11	25.4	11.8	521	BDL
09-09-2025	30.8	68.7	23.36	25.17	12.2	533	BDL
12-09-2025	31.59	70.6	24.17	25.87	12.4	527	BDL
15-09-2025	32.5	69.89	24	25.4	12.8	520	BDL
19-09-2025	34.59	72.4	23.18	24.46	12.2	501	BDL
23-09-2025	33.26	70.22	23.92	25.17	12.5	514	BDL
26-09-2025	35	71.8	24.27	25.64	12.9	528	BDL
30-09-2025	36.2	73.63	24.57	25.87	12.6	517	BDL
03-10-2025	32.56	70.42	25.85	24.46	14.2	618	BDL
07-10-2025	23.52	58.4	19.24	22.34	12.8	602	BDL
10-10-2025	24.3	63.5	23.11	20.23	18.2	628	BDL
14-10-2025	24.34	60.4	21.67	23.52	16.8	651	BDL
17-10-2025	32.56	70.42	25.82	24.46	15.7	674	BDL
21-10-2025	24.2	66.04	23.57	25.87	13.6	636	BDL
24-10-2025	28.66	68.32	21.4	24.46	16.8	607	BDL
28-10-2025	33.5	73.42	23.3	28.22	14.2	664	BDL
31-10-2025	31.22	70.84	22.35	24.46	15.6	624	BDL
04-11-2025	30.24	68.54	26.13	23.09	17.9	632	BDL
07-11-2025	24.58	56.3	21.71	24.31	12.9	608	BDL
11-11-2025	22.86	62.1	24.6	20.9	15.8	687	BDL
14-11-2025	24.14	63.2	21.71	23.09	17.2	685	BDL
18-11-2025	25.64	66.89	22.64	19.8	19.8	632	BDL
21-11-2025	32.56	70.42	25.82	24.46	15.7	674	BDL
25-11-2025	24.2	66.04	23.57	25.87	13.6	636	BDL
28-11-2025	28.66	68.32	21.4	24.46	16.8	607	BDL
02-12-2025	30.25	70	22.21	25.77	15.7	600	BDL
05-12-2025	32.11	72.3	22.92	24.31	15.4	589	BDL
09-12-2025	33.45	71.15	23.56	25.77	15.8	544	BDL
12-12-2025	34.25	73	24.27	26.25	16.3	534	BDL
16-12-2025	34.74	72.43	23.43	25.52	15.8	540	BDL

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Date of Sampling	Location Code: AAQ1						
	Location Name: Near STP Colony-Air Site						
	Results(µg/m3)						
	$PM_{2.5}$	PM_{10}	SO_2	NO_2	Ozone	CO	HC
19-12-2025	32.7	70.89	23	25.04	15.1	522	BDL
23-12-2025	33.82	73.6	24.33	26.01	15.4	516	BDL
26-12-2025	33.82	71.2	24.56	25.77	14.5	520	BDL
30-12-2025	33.1	71.03	23.34	26.98	15.2	524	BDL
02-01-2026	29.86	71.03	21.42	24.55	15.8	603	BDL
06-01-2026	32.06	71.25	22.14	24.06	15.2	590	BDL
09-01-2026	33.06	71	24.07	25.52	15.7	542	BDL
12-01-2026	33.82	73.21	24.29	26.01	16.2	533	BDL
16-01-2026	34.59	72.76	23.93	25.77	15.6	541	BDL
20-01-2026	33.12	71.09	23.07	25.28	15.2	524	BDL
23-01-2026	33.43	72.76	24.27	26.25	15.3	515	BDL
27-01-2026	33.86	71.53	24.7	25.52	14.3	521	BDL
30-01-2026	33.53	71.26	23.21	26.5	15.1	523	BDL
03-02-2026	30.21	71.74	22.49	24.79	15.7	602	BDL
06-02-2026	32.29	71.05	21.99	23.82	15.3	591	BDL
10-02-2026	33.52	70.86	24.21	24.55	15.6	543	BDL
13-02-2026	33.42	73.86	24.21	26.25	16.3	534	BDL
17-02-2026	34.4	72.86	24.01	26.25	15.5	542	BDL
20-02-2026	33.86	71.51	24.21	25.77	15.1	525	BDL
24-02-2026	33.72	72.15	23.86	26.01	15.2	516	BDL
27-02-2026	33.81	71.85	24.64	26.5	14.2	520	BDL
03-03-2026	35.26	72	23.06	26.92	13.6	516	BDL
06-03-2026	32.23	66.54	24.82	25.98	13.8	506	BDL
10-03-2026	33.87	59.64	24.44	26.14	13.2	510	BDL
13-03-2026	25.41	58.65	21.35	25.61	13.2	510	BDL
17-03-2026	23.82	57.4	22.37	26.92	13.6	508	BDL
20-03-2026	20.64	55.41	17.07	19.34	13.3	510	BDL
23-03-2026	21.47	56.14	18.47	20.12	13.5	508	BDL
27-03-2026	23.47	57.13	18.4	20.39	13.7	511	BDL
Minimum	**20.64**	**55.41**	**17.07**	**18.58**	**10.3**	**450**	**BDL**
Maximum	**36.87**	**78.91**	**26.13**	**28.22**	**19.8**	**687**	**BDL**
Average	**31.64**	**69.23**	**23.16**	**24.74**	**13.68**	**543.72**	**BDL**
98%le	**36**	**77**	**26**	**27**	**18**	**674**	**BDL**
NAAQ Standards for 24 Time weighted Average	**60 µg/m³**	**100 µg/m³**	**80 µg/m³**	**80 µg/m³**	**100 (8hrs TWA)**	**2000**	**--**

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Date of Sampling	Location Code: AAQ2						
	Location Name: Near AMU Behind T4-Air Site						
	Results(µg/m3)						
	$PM_{2.5}$	PM_{10}	SO_2	NO_2	Ozone	CO	HC
01-04-2025	32.85	61.19	22.5	25.27	12.4	502	BDL
04-04-2025	29.89	56.6	22.88	26.09	12.9	504	BDL
08-04-2025	31.05	59.77	23.48	25.27	12.4	505	BDL
11-04-2025	32.32	61.08	23.1	24.44	12.8	508	BDL
15-04-2025	31.25	59.9	24	25.27	13.1	504	BDL
18-04-2025	33.57	63.25	24.3	25.82	12.8	508	BDL
22-04-2025	31.25	62.49	23.25	25.27	13.2	504	BDL
25-04-2025	32.49	64.26	23.78	25.82	13.4	506	BDL
29-04-2025	31.04	62.85	22.95	24.99	13.8	512	BDL
02-05-2025	29.84	59.1	22.11	24.38	13.4	501	BDL
06-05-2025	32.24	63.34	23.06	25.29	13.7	502	BDL
09-05-2025	31.03	61.16	22.26	24.61	13.1	513	BDL
13-05-2025	33.59	64.7	22.7	25.52	12.5	515	BDL
16-05-2025	35.41	66.2	23.85	26.2	12.8	517	BDL
20-05-2025	34.74	64.98	23.48	25.97	13.2	528	BDL
23-05-2025	35.59	66.3	24.12	26.43	13.6	523	BDL
27-05-2025	37.1	68.15	24.69	27.11	13.4	519	BDL
30-05-2025	36.45	67.74	24.38	26.43	13.8	522	BDL
03-06-2025	34.89	64.26	23.69	25.75	13.4	517	BDL
06-06-2025	36.23	65.89	24.84	26.43	13.8	520	BDL
10-06-2025	37.74	67.26	24.1	26.2	14.2	515	BDL
13-06-2025	35.89	64.6	24.79	26.66	14.7	507	BDL
17-06-2025	34.11	61.89	21.95	25.75	14.7	508	BDL
20-06-2025	35.48	64.26	22.52	25.29	14.3	502	BDL
24-06-2025	34.65	63.33	21.74	24.84	14.5	506	BDL
27-06-2025	36.12	65.6	22.31	25.52	14.6	500	BDL
01-07-2025	28.36	63.88	22.02	23.52	11.5	523	BDL
04-07-2025	28.89	64.53	22.49	23.99	11.9	515	BDL
08-07-2025	29.63	65.36	22.97	24.7	12.1	508	BDL
10-07-2025	26.5	62.6	22.02	24.23	12.3	513	BDL
15-07-2025	28	64.44	22.85	24.93	12	508	BDL
18-07-2025	29.26	65	22.36	24.46	11.8	503	BDL
22-07-2025	28.53	63.66	21.95	23.99	12.2	509	BDL
25-07-2025	30.21	64.9	21.55	23.05	12.5	516	BDL
29-07-2025	28.79	62.24	22.28	23.99	12.5	516	BDL

Environment Statement for 2025-26
Ahmedabad International Airport Limited
Sardar Vallabhbhai Patel International Airport, Ahmedabad
(PCB ID: 10150)

Date of Sampling	Location Code: AAQ2						
	Location Name: Near AMU Behind T4-Air Site						
	Results(µg/m3)						
	$PM_{2.5}$	PM_{10}	SO_2	NO_2	Ozone	CO	HC
01-08-2025	27.86	61.14	21.75	22.81	12.3	520	BDL
05-08-2025	28.7	63.26	22.49	23.99	12.6	517	BDL
08-08-2025	29.3	64.79	22.09	23.52	12.4	514	BDL
12-08-2025	30.59	66.2	21.75	23.05	12.1	520	BDL
14-08-2025	29.46	64.22	22.29	23.76	12.4	514	BDL
19-08-2025	28.12	62.4	22.83	24.23	12.2	517	BDL
22-08-2025	26.36	60.22	22.2	22.81	12.5	510	BDL
26-08-2025	27.91	62.41	22.56	23.76	12.1	515	BDL
29-08-2025	26.25	61.2	22.2	24.46	11.7	508	BDL
02-09-2025	27.1	61.85	22.76	23.99	11.3	504	BDL
05-09-2025	26.52	60.4	23.09	24.23	11.4	511	BDL
09-09-2025	25.46	61.7	22.28	23.99	11.7	501	BDL
12-09-2025	26.8	62.29	22.95	24.46	11.3	504	BDL
15-09-2025	26.74	63.56	22.64	23.99	12.2	512	BDL
19-09-2025	28.92	65	22.16	23.52	12.6	507	BDL
23-09-2025	30.4	66.86	22.7	24.23	12.4	502	BDL
26-09-2025	31.59	68.13	23.32	24.7	12	507	BDL
30-09-2025	30.94	66.29	22.68	24.23	12.3	513	BDL
03-10-2025	26.2	64.12	24.46	22.34	16.4	552	BDL
07-10-2025	20.48	56.24	17.34	20.23	10.4	584	BDL
10-10-2025	22.82	58.28	14.68	16.7	18.6	668	BDL
14-10-2025	22.58	56.8	16.26	19.76	17.4	568	BDL
17-10-2025	26.4	66.2	21.4	24.23	17.8	598	BDL
21-10-2025	21.96	53.28	13.55	17.64	13.9	644	BDL
24-10-2025	23.86	57.14	14.09	17.4	18.2	652	BDL
28-10-2025	26.62	60.1	19.64	20.46	15.2	686	BDL
31-10-2025	22.54	58.38	15.31	19.29	17.8	634	BDL
04-11-2025	28.34	62.5	23.23	21.88	16.3	682	BDL
07-11-2025	21.28	58.24	18.81	20.66	10.9	599	BDL
11-11-2025	21.54	56.32	15.63	17.26	15.8	674	BDL
14-11-2025	22.58	56.64	17.36	19.45	18.6	668	BDL
18-11-2025	23.62	58.94	15.9	21.88	18.4	596	BDL
21-11-2025	26.4	66.2	21.4	24.23	17.8	598	BDL
25-11-2025	21.96	53.28	13.55	17.64	13.9	644	BDL

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Ahmedabad International Airport Limited
Sardar Vallabhbhai Patel International Airport, Ahmedabad

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Date of Sampling	Location Code: AAQ2						
	Location Name: Near AMU Behind T4-Air Site						
	Results(µg/m3)						
	$PM_{2.5}$	PM_{10}	SO_2	NO_2	Ozone	CO	HC
28-11-2025	23.86	57.14	14.09	17.4	18.2	652	BDL
02-12-2025	24.5	61.88	15.76	19.45	17.7	640	BDL
05-12-2025	25.33	64.7	18.62	19.93	17.4	623	BDL
09-12-2025	26.6	66.89	19.99	21.88	16.5	600	BDL
12-12-2025	28.11	69.7	20.7	22.61	16.2	589	BDL
16-12-2025	26.96	67.89	21.56	23.34	16.7	576	BDL
19-12-2025	27.49	66.32	21.99	23.82	15.9	564	BDL
23-12-2025	28.2	67.29	20.49	22.85	15.1	558	BDL
26-12-2025	27.21	66.89	21.42	23.58	15.6	562	BDL
30-12-2025	28.1	66.82	21.35	15.07	15.4	562	BDL
02-01-2026	24.12	60.45	14.52	19.93	16.83	638	BDL
06-01-2026	24.61	64.21	18.4	20.18	17.2	620	BDL
09-01-2026	26.79	65.92	18.62	21.15	16.6	601	BDL
12-01-2026	28.26	70	20.41	22.12	16	590	BDL
16-01-2026	27	68.06	21.06	23.58	16.6	574	BDL
20-01-2026	27.31	66.8	21.27	24.06	16	563	BDL
23-01-2026	28.38	67.48	20.85	22.61	15.3	559	BDL
27-01-2026	27.19	67	21.27	23.34	15.5	561	BDL
30-01-2026	28.16	66.72	21.78	15.31	15.3	561	BDL
03-02-2026	25.08	61.28	14.18	19.69	16.7	636	BDL
06-02-2026	24.71	64.52	18.13	20.42	17.3	621	BDL
10-02-2026	26.15	64.56	17.91	20.66	16.7	602	BDL
13-02-2026	28.75	70.12	21.35	22.36	16.1	591	BDL
17-02-2026	26.71	69.25	20.99	22.85	16.5	573	BDL
20-02-2026	27.78	67.23	21.2	23.82	15	564	BDL
24-02-2026	27.79	67.01	20.99	22.12	15.2	558	BDL
27-02-2026	28.74	67.52	21.06	22.85	15.4	562	BDL
03-03-2026	26.54	65	23.34	21.69	15.8	556	BDL
06-03-2026	24.1	63.45	22.64	20.65	16	546	BDL
10-03-2026	26.33	57.21	18.53	21.95	15.8	549	BDL
13-03-2026	22.62	56.15	20.11	20.65	15.9	552	BDL
17-03-2026	24.63	55.12	22.37	24.15	15.9	552	BDL
20-03-2026	23.74	57.36	20.46	19.34	15.4	554	BDL
23-03-2026	21.45	58.41	19.43	19.34	15.3	552	BDL
27-03-2026	21.33	55.71	20.18	19.6	15.6	551	BDL

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Ahmedabad International Airport Limited
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Date of Sampling	Location Code: AAQ2						
	Location Name: Near AMU Behind T4-Air Site						
	Results(µg/m3)						
	$PM_{2.5}$	PM_{10}	SO_2	NO_2	Ozone	CO	HC
Minimum	20.48	53.28	13.55	15.07	10.4	500	BDL
Maximum	37.74	70.12	24.84	27.11	18.6	686	BDL
Average	28.25	63.11	21.07	22.87	14.41	552.25	BDL
98%le	36	70	25	26	18	674	BDL
NAAQ Standards for 24 Time weighted Average	60 $\mu g/m^3$	100 $\mu g/m^3$	80 $\mu g/m^3$	80 $\mu g/m^3$	100 (8hrs TWA)	2000	--

Date of Sampling	Location Code: AAQ3						
	Location Name: Near MEGHANI NAGAR						
	Results(µg/m3)						
	$PM_{2.5}$	PM_{10}	SO_2	NO_2	Ozone	CO	HC
01-04-2025	27.16	57.49	13.8	16.2	10.7	457	BDL
04-04-2025	25.13	54.84	14.95	16.48	11.2	461	BDL
08-04-2025	26.04	55.63	15.65	17.03	11.5	465	BDL
11-04-2025	25.46	54.54	15.05	16.2	11.7	462	BDL
15-04-2025	24.2	52.13	14.25	17.3	11.4	458	BDL
18-04-2025	25.6	54.59	13.65	16.48	11.1	451	BDL
22-04-2025	23.89	51.18	13.12	15.38	11.6	457	BDL
25-04-2025	25.14	53.49	14.21	16.2	11.8	452	BDL
29-04-2025	26.23	55.07	13.35	15.65	12.2	456	BDL
02-05-2025	24.46	52.2	12.74	15.04	11.5	449	BDL
06-05-2025	25.79	53.47	12.41	15.95	11.2	443	BDL
09-05-2025	27.05	56.12	13.24	16.4	11.7	448	BDL
13-05-2025	23.24	51.41	14.74	17.54	11.4	452	BDL
16-05-2025	27.46	57.31	13.61	15.93	12.2	447	BDL
20-05-2025	23.76	53.89	14.4	17.09	11.8	456	BDL
23-05-2025	25.32	55.24	13.78	16.63	12.1	453	BDL
27-05-2025	26.49	56.88	14.36	17.32	12.5	458	BDL
30-05-2025	27.88	58.21	14.97	18	12.8	455	BDL
03-06-2025	25	55.49	13.64	16.86	12.4	447	BDL
06-06-2025	25.86	57	14.79	17.54	12.7	451	BDL
10-06-2025	26.35	58.84	15.69	18.23	12.5	447	BDL
13-06-2025	27.69	59.72	16.43	18	12.7	450	BDL
17-06-2025	26.52	57.43	15.58	18.23	13.1	452	BDL
20-06-2025	27.98	59.05	15.01	17.54	13.4	456	BDL
24-06-2025	27.08	57.76	15.49	18	13.7	460	BDL
27-06-2025	28.35	60.22	14.78	17.32	13.4	458	BDL

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Sardar Vallabhbhai Patel International Airport, Ahmedabad

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Date of Sampling	Location Code: AAQ3						
	Location Name: Near MEGHANI NAGAR						
	Results(µg/m3)						
	$PM_{2.5}$	PM_{10}	SO_2	NO_2	Ozone	CO	HC
01-07-2025	24.1	56.33	13.18	15.29	10.4	455	BDL
04-07-2025	24.79	57.1	13.55	15.76	10.7	458	BDL
08-07-2025	25.36	57.94	14.41	16.46	10.5	451	BDL
10-07-2025	23.79	55.2	14.14	15.76	10.1	454	BDL
15-07-2025	24.7	56.13	13.68	15.29	10.4	450	BDL
18-07-2025	25.19	55.36	14.32	15.52	10.2	458	BDL
22-07-2025	23.91	54	14.63	15.99	10.5	462	BDL
25-07-2025	24.85	56.85	13.77	15.05	10.7	460	BDL
29-07-2025	23.59	55.49	13.23	14.82	10.8	457	BDL
01-08-2025	24.11	56.7	12.78	15.76	10.6	461	BDL
05-08-2025	23.63	56.12	13.23	16.7	10.8	465	BDL
08-08-2025	24.22	56.69	13.5	16.93	10.5	454	BDL
12-08-2025	25.36	57.9	13.95	17.17	10.8	458	BDL
14-08-2025	24.59	55.36	14.41	17.4	10.4	464	BDL
19-08-2025	23.82	54.1	14.95	17.64	10.4	457	BDL
22-08-2025	22.49	52.76	14.13	16.93	10.7	452	BDL
26-08-2025	24.1	55.26	13.73	16.23	10.5	457	BDL
29-08-2025	22.94	53.5	14.13	16.46	10.2	454	BDL
02-09-2025	23.56	55.86	14.5	16.93	10.3	457	BDL
05-09-2025	22.6	54.69	15.04	17.4	10.6	460	BDL
09-09-2025	24.5	56.29	13.77	16.7	10.7	463	BDL
12-09-2025	25	57.9	15.12	18.82	10.2	460	BDL
15-09-2025	22.09	57.18	13.36	16.93	11.2	462	BDL
19-09-2025	24.56	58.8	14.23	17.88	11.6	468	BDL
23-09-2025	25.31	59.33	13.86	16.7	11.8	465	BDL
26-09-2025	23.89	57.94	14.45	17.64	11.5	470	BDL
30-09-2025	25.53	59	14.04	16.46	11.2	465	BDL
03-10-2025	23.58	56.68	16.31	18.11	15.6	488	BDL
07-10-2025	22.58	52.06	14.41	17.64	16.4	520	BDL
10-10-2025	20.54	54.6	15.14	15.52	16.8	502	BDL
14-10-2025	20.5	52.08	13.55	15.52	16.5	502	BDL
17-10-2025	20.82	51.86	14.14	19.76	14.9	510	BDL
21-10-2025	22.62	52.82	15.09	19.52	16.7	586	BDL
24-10-2025	22	54.84	15.58	18.82	15.7	492	BDL
28-10-2025	24.2	54.8	21.81	18.58	15.8	550	BDL
31-10-2025	22.42	52.62	14.14	17.4	16	508	BDL
04-11-2025	22.74	58.82	15.48	19.2	16.8	527	BDL
07-11-2025	22.5	54.28	16.06	18.47	18.4	538	BDL
11-11-2025	18.98	55.2	14.47	16.04	16.4	568	BDL
14-11-2025	21.22	54.8	14.9	15.8	20.8	612	BDL
18-11-2025	21.57	54.96	14.14	21.39	17.8	528	BDL
21-11-2025	20.82	51.86	15.09	19.76	14.9	410	BDL

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Ahmedabad International Airport Limited
Sardar Vallabhbhai Patel International Airport, Ahmedabad
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Date of Sampling	Location Code: AAQ3						
	Location Name: Near MEGHANI NAGAR						
	Results(µg/m3)						
	$PM_{2.5}$	PM_{10}	SO_2	NO_2	Ozone	CO	HC
25-11-2025	22.62	52.82	15.58	19.52	16.7	586	BDL
28-11-2025	22	54.84	21.4	18.82	15.7	492	BDL
02-12-2025	23.36	55.89	14.9	17.99	15.3	500	BDL
05-12-2025	24.4	57.74	14.47	17.02	14.7	464	BDL
09-12-2025	25.63	59.5	15.14	17.5	13.8	478	BDL
12-12-2025	26.33	60.89	14.14	16.53	13.8	478	BDL
16-12-2025	24.01	61.2	14.37	17.02	13.4	486	BDL
19-12-2025	23.29	58	15.38	17.5	13	480	BDL
23-12-2025	22.95	58.3	14.09	16.29	12.5	484	BDL
26-12-2025	24.42	58.42	15.71	17.26	13.1	482	BDL
30-12-2025	23.18	59.2	17.08	13.37	13.2	482	BDL
02-01-2026	22.06	54.98	14.66	17.26	14.76	498	BDL
06-01-2026	24.29	56.91	14.95	17.5	14.5	462	BDL
09-01-2026	24.92	57.06	15.62	17.99	13.6	477	BDL
12-01-2026	26.1	61.04	14.66	16.77	13.9	476	BDL
16-01-2026	24.26	61.34	14.76	17.5	13.5	485	BDL
20-01-2026	23.43	58.19	15.42	17.74	13.1	483	BDL
23-01-2026	23.06	58.57	13.99	16.53	12.3	482	BDL
27-01-2026	24.81	58.72	15.28	17.26	13.2	481	BDL
30-01-2026	23.29	59.36	17.05	13.61	13.3	481	BDL
03-02-2026	22.45	55.19	15.47	17.5	14.6	497	BDL
06-02-2026	24.58	55.85	15.14	17.02	14.4	463	BDL
10-02-2026	24.56	57.45	15.04	18.23	13.7	476	BDL
13-02-2026	25.88	61.25	14.9	17.26	13.8	477	BDL
17-02-2026	24.82	61.74	14.81	16.77	13.4	486	BDL
20-02-2026	24.98	59.19	15.19	17.99	13.2	482	BDL
24-02-2026	23.52	58.47	14.23	16.77	12.2	481	BDL
27-02-2026	23.52	59.29	15.04	17.74	13.1	482	BDL
03-03-2026	22.14	57.22	16.06	18.29	13.5	490	BDL
06-03-2026	23.02	54.56	17.87	17.51	13.7	496	BDL
10-03-2026	24.41	55.12	18.26	17.25	13.9	490	BDL
13-03-2026	22.46	53.71	17.1	16.73	13.3	492	BDL
17-03-2026	20.46	56.68	19.37	18.82	14	502	BDL
20-03-2026	19.36	52.41	22.22	19.86	14.5	506	BDL
23-03-2026	21.33	55.67	20.8	18.82	14.7	509	BDL
27-03-2026	22.46	57.19	19.63	20.12	14.7	509	BDL
Minimum	**18.98**	**51.18**	**12.41**	**13.37**	**10.1**	**410**	**BDL**
Maximum	**28.35**	**61.74**	**22.22**	**21.39**	**20.8**	**612**	**BDL**
Average	**24.07**	**56.30**	**15.02**	**17.16**	**12.98**	**477.06**	**BDL**
98%le	**28**	**61**	**21**	**20**	**18**	**585**	**BDL**
NAAQ Standards for 24 Time weighted Average	**60 µg/m³**	**100 µg/m³**	**80 µg/m³**	**80 µg/m³**	**100 (8hrs TWA)**	**2000**	**--**

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Date of Sampling	Location Code: AAQ4						
	Location Name: Near NOBEL NAGAR						
	Results(µg/m3)						
	$PM_{2.5}$	PM_{10}	SO_2	NO_2	Ozone	CO	HC
01-04-2025	24.32	51.11	12.6	14.83	10.2	441	BDL
04-04-2025	25.89	52.36	13.61	15.65	10.9	443	BDL
08-04-2025	23.26	50.55	12.94	14.83	10.9	446	BDL
11-04-2025	22.04	48.25	13.41	15.38	11.2	449	BDL
15-04-2025	23.32	51.46	13.8	16.48	11.5	453	BDL
18-04-2025	22.74	50.42	13.25	15.04	11.2	439	BDL
22-04-2025	22.78	50.43	12.22	14.56	12.2	453	BDL
25-04-2025	21.04	47.71	12.86	15.11	12.5	459	BDL
29-04-2025	22.19	49.26	12	13.73	11.8	448	BDL
02-05-2025	21.31	46.71	11.42	12.99	11.4	443	BDL
06-05-2025	22.04	48.24	11.97	13.67	11.6	448	BDL
09-05-2025	23.56	50.27	12.8	14.35	11.2	452	BDL
13-05-2025	24.05	52.1	13.53	15.27	11.3	448	BDL
16-05-2025	25.36	54.24	14.02	15.95	11.5	443	BDL
20-05-2025	22.74	50.42	13.25	15.04	11.2	439	BDL
23-05-2025	22.09	48.7	14.07	15.95	11.5	443	BDL
27-05-2025	22.46	50.08	13.21	15.27	11.2	448	BDL
30-05-2025	23.79	52.14	14.12	15.95	11.6	452	BDL
03-06-2025	21.1	47.74	13.06	15.04	11.2	445	BDL
06-06-2025	22.86	48.83	13.93	15.72	11.1	451	BDL
10-06-2025	24.04	51.3	14.54	16.4	11.5	454	BDL
13-06-2025	25.34	52.63	13.6	15.95	11.7	457	BDL
17-06-2025	23.95	51.08	13.03	15.27	11.4	452	BDL
20-06-2025	24.5	53.66	13.88	15.72	11.8	455	BDL
24-06-2025	23.84	52.13	14.5	16.18	11.5	458	BDL
27-06-2025	25.08	53.89	13.93	15.72	11.3	454	BDL
01-07-2025	23.3	51.08	12.91	14.82	10.8	451	BDL
04-07-2025	23.62	52.2	12.46	14.35	11	454	BDL
08-07-2025	24.23	53.11	12.91	14.82	11.2	461	BDL
10-07-2025	22.1	50.88	13.32	14.58	11.1	458	BDL
15-07-2025	22.89	52.13	12.72	14.11	11.3	462	BDL
18-07-2025	23.23	53.22	13.5	14.58	11.2	458	BDL
22-07-2025	21.85	51.63	13.28	14.35	11.3	460	BDL

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Ahmedabad International Airport Limited
Sardar Vallabhbhai Patel International Airport, Ahmedabad

(PCB ID: 10150)

Date of Sampling	Location Code: AAQ4						
	Location Name: Near NOBEL NAGAR						
	Results(µg/m3)						
	$PM_{2.5}$	PM_{10}	SO_2	NO_2	Ozone	CO	HC
25-07-2025	22.36	52.4	13.09	13.64	11.1	456	BDL
29-07-2025	21.05	50.62	12.29	13.41	11.2	451	BDL
01-08-2025	21.94	49.8	11.96	13.88	11.5	457	BDL
05-08-2025	22.23	51.26	12.46	14.35	11.7	451	BDL
08-08-2025	22.84	52.1	12.95	14.82	11.4	448	BDL
12-08-2025	23.6	53.58	13.41	15.29	11.1	451	BDL
14-08-2025	22.97	52.1	13.59	15.76	11.3	453	BDL
19-08-2025	21.76	50.98	13.86	16.46	11	448	BDL
22-08-2025	21.05	48.52	13.19	15.99	10.8	441	BDL
26-08-2025	21.79	50.14	12.64	15.29	10.5	445	BDL
29-08-2025	20.44	48.7	13.32	15.76	10.4	448	BDL
02-09-2025	20.44	48.7	13.32	15.76	10.4	448	BDL
05-09-2025	21.67	49.86	13.82	16.23	10.6	452	BDL
09-09-2025	22.3	52.4	14.83	15.52	10.2	455	BDL
12-09-2025	23.18	53.5	13.91	16.23	10.8	448	BDL
15-09-2025	21.22	50.94	14.45	17.4	10.4	447	BDL
19-09-2025	23.17	53.8	15.05	18.35	10.7	451	BDL
23-09-2025	23.9	51	14.41	18.11	10.4	459	BDL
26-09-2025	24.39	53.24	15	18.58	10.6	463	BDL
30-09-2025	23.02	54.58	14.72	17.88	10.9	449	BDL
03-10-2025	21.54	52.76	15.27	21.17	13.4	512	BDL
07-10-2025	25.2	62.76	20.93	16.46	18.5	608	BDL
10-10-2025	28.98	72.2	24.41	20.23	14.6	544	BDL
14-10-2025	30.72	68.94	18.55	24.93	14.9	526	BDL
17-10-2025	29.68	70.42	23.18	28.22	14.6	578	BDL
21-10-2025	32.02	68.18	21.75	25.87	19.2	652	BDL
24-10-2025	31.2	67.74	22.43	23.76	13.9	520	BDL
28-10-2025	34.2	72.42	24.74	27.28	18.4	644	BDL
31-10-2025	30.26	69.2	22.56	24.46	14.2	496	BDL
04-11-2025	20.78	53.28	15.84	21.39	15.3	542	BDL
07-11-2025	24.12	60.78	22.28	17.02	18.5	608	BDL
11-11-2025	25.42	68.2	25.99	20.9	18.9	682	BDL
14-11-2025	28.68	68.94	19.68	24.31	14.6	544	BDL
18-11-2025	28.56	68.52	23.64	24.79	18.8	588	BDL

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Date of Sampling	Location Code: AAQ4						
	Location Name: Near NOBEL NAGAR						
	Results(µg/m3)						
	$PM_{2.5}$	PM_{10}	SO_2	NO_2	Ozone	CO	HC
21-11-2025	29.68	70.22	23.18	28.22	14.6	578	BDL
25-11-2025	32.02	68.18	21.75	25.87	19.2	652	BDL
28-11-2025	22.43	67.74	22.43	23.76	13.9	520	BDL
02-12-2025	29.94	64.22	21.06	22.85	12.7	507	BDL
05-12-2025	26.3	59.7	19.91	21.88	12.4	488	BDL
09-12-2025	24.08	56.63	18.56	20.18	12.6	450	BDL
12-12-2025	23.24	55.2	17.71	19.69	12.4	460	BDL
16-12-2025	24.46	56.63	16.82	19.2	12.7	475	BDL
19-12-2025	24	53.3	16.39	18.96	12.4	480	BDL
23-12-2025	23.81	54.2	17.79	19.93	12.4	480	BDL
26-12-2025	23.52	52.98	16.85	18.72	12.1	478	BDL
30-12-2025	24.16	53.42	16.36	17.99	12.2	478	BDL
02-01-2026	28.99	64.7	20.84	23.09	12.1	504	BDL
06-01-2026	26.43	60.05	18.69	21.63	12.5	487	BDL
09-01-2026	24.28	56.8	18.91	20.01	12.5	451	BDL
12-01-2026	24	55.39	17.25	19.45	12.3	461	BDL
16-01-2026	24.81	55.92	16.05	19.69	12.5	473	BDL
20-01-2026	24.36	53.81	16.13	18.47	12.2	481	BDL
23-01-2026	23.53	53.92	16.99	19.69	12.2	481	BDL
27-01-2026	23.68	53	16.56	18.23	12.2	476	BDL
30-01-2026	24.53	53.26	16.05	17.74	12.3	476	BDL
03-02-2026	29.41	64.18	21.35	23.34	12.2	503	BDL
06-02-2026	26.81	60.41	18.85	21.88	12.4	488	BDL
10-02-2026	24.19	57.05	19.05	19.93	12.4	452	BDL
13-02-2026	24.15	55.74	17.91	19.69	12.2	462	BDL
17-02-2026	25.2	56.02	16.67	19.93	12.6	472	BDL
20-02-2026	24.42	54.05	16.05	18.96	12.3	482	BDL
24-02-2026	23.84	54.08	16.39	18.96	12.3	482	BDL
27-02-2026	23.88	53.25	16.76	18.72	12.1	477	BDL
03-03-2026	24.39	56.17	17.44	17.77	12.6	504	BDL
06-03-2026	22.38	57.44	15.28	16.73	12.3	508	BDL
10-03-2026	20.31	54.57	17.02	19.44	12.7	513	BDL
13-03-2026	20.03	56	16.69	21.43	12.7	513	BDL
17-03-2026	24.71	58.19	18.55	21.69	13.1	512	BDL

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Date of Sampling	Location Code: AAQ4						
	Location Name: Near NOBEL NAGAR						
	Results(µg/m3)						
	$PM_{2.5}$	PM_{10}	SO_2	NO_2	Ozone	CO	HC
20-03-2026	27.64	57.33	24.39	21.95	13.6	515	BDL
23-03-2026	24.33	59.51	21.21	20.65	13.8	513	BDL
27-03-2026	21.74	56.68	23.61	19.6	13.5	516	BDL
Minimum	**20.03**	**46.71**	**11.42**	**12.99**	**10.2**	**439**	**BDL**
Maximum	**34.2**	**72.42**	**25.99**	**28.22**	**19.2**	**682**	**BDL**
Average	**24.26**	**55.41**	**16.29**	**18.20**	**12.43**	**482.60**	**BDL**
98%le	**32**	**70**	**24**	**27**	**19**	**652**	**BDL**
NAAQ Standards for 24 Time weighted Average	**60 µg/m³**	**100 µg/m³**	**80 µg/m³**	**80 µg/m³**	**100 (8hrs TWA)**	**2000**	**--**

Conclusion:

The sampling is done in four locations for a sampling period of 24 hours. The observed L-Day and L-Night Monitored Values were found to be well within the prescribed limits of Latest Notification on 18th June 2018- GSR 568(E).

Environment Statement for 2025-26
Ahmedabad International Airport Limited
Sardar Vallabhbhai Patel International Airport, Ahmedabad

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ANNEXURE – 5

Details of Waste Management of AIAL, Ahmedabad

Sr. No.	Waste Description	Disposal Method	Unit	Quantity 2024-25	Quantity 2025-26
Non-Hazardous					
1.	Dry Waste (Recyclable Waste-Metal, Wood, paper, plastic etc.)	As per Solid Waste Rules, 2016 amended till date and inline 5R principle	Tons	401.61	446.46
2.	RDF (non-recyclable)				
3.	Organic Waste (food waste)				
Others					
1	Battery waste	Auctioned & then Recycled (send to authorized recycler	MT	9.39	0.0

As part of operations, an effective Solid Waste Management plan has been implemented at site, which includes:

- ✓ Collection & Segregation of waste from the source
- ✓ Providing separate waste bins (for dry & wet waste) at all the locations including Airside, Landside & Terminals
- ✓ Recycling of solid waste by engaging recyclers

More than 255 dustbins are provided at the passenger as well as staff movement areas and the collected waste is sent to 4 collection points provided (airside and city side). Later the collected waste is sent to centralized waste segregation shed, wherein waste is segregated into different categories such as recyclables and further handled in line to 5R principles.

Entire recyclable waste is segregated & recycled. Food waste is being composted in an organic waste Composter machine on the premises. Waste Diversion Rate:

Attaining a diversion rate greater than 99.9 % from landfill through the adoption and implementation of the 5R principles — Reduce, Reuse, Repurpose, Recycle, and Recover

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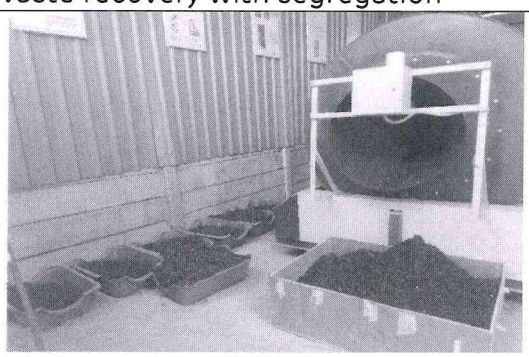
Collection points at total 4 locations



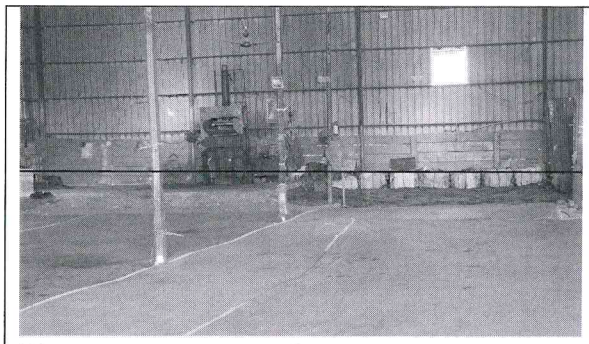
Waste recovery with segregation



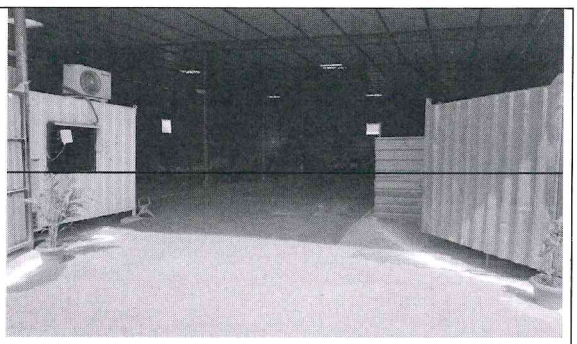
MRF facility for waste recovery



OWC facility for food waste processing

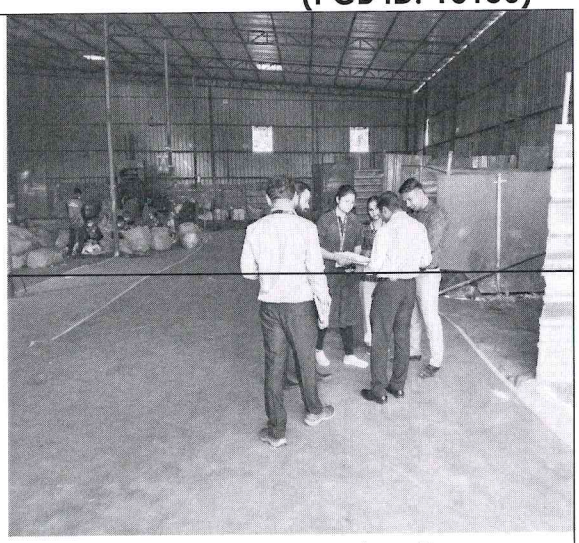


Waste segregation facility



Dedicated waste segregation facility

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Ahmedabad International Airport Limited
Sardar Vallabhbhai Patel International Airport, Ahmedabad
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Trained staff doing waste segregation	Regular interval – internal audit

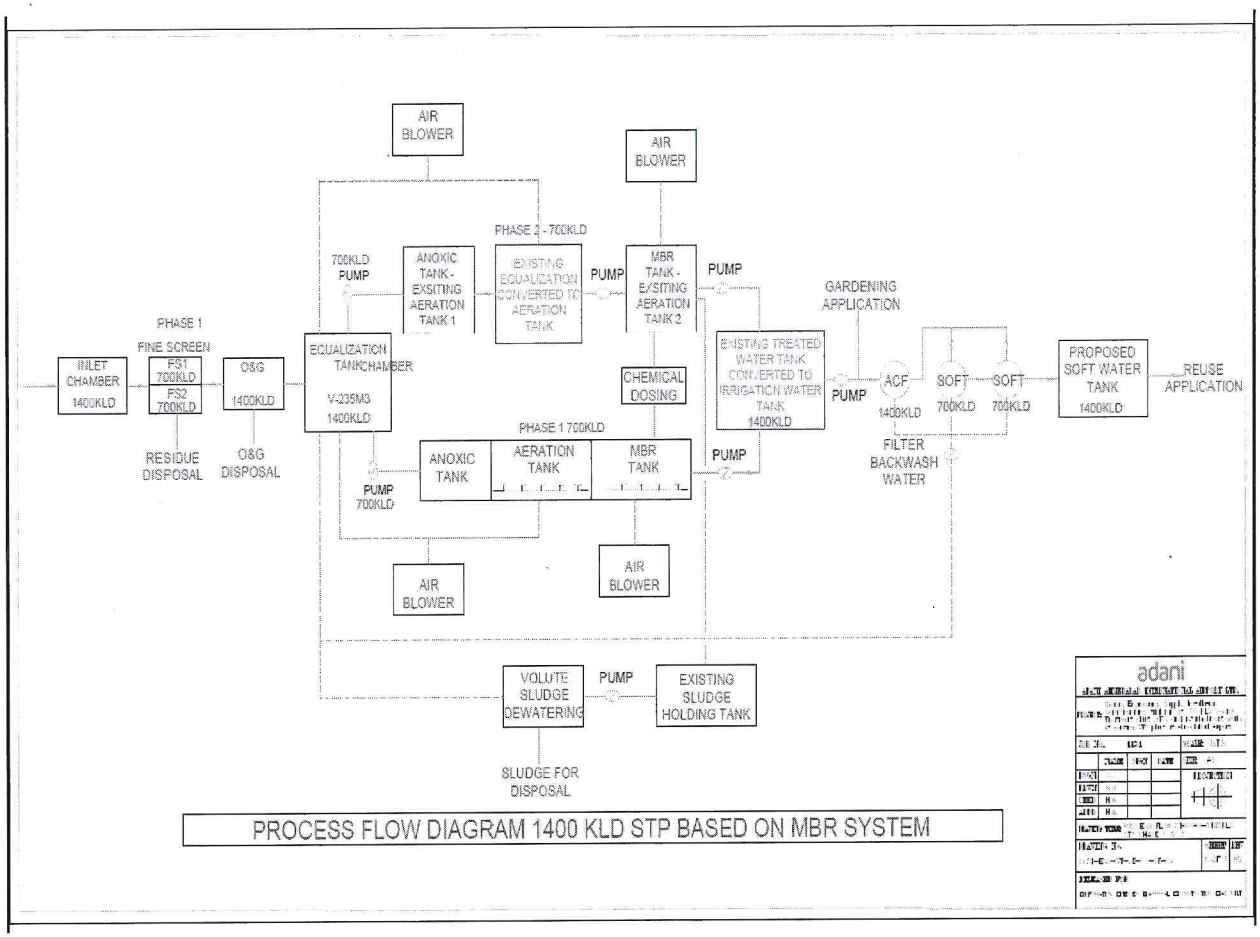
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Sardar Vallabhbhai Patel International Airport, Ahmedabad
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Annexure: - 6

A new 700 KLD STP with MBR based technology has been installed and commissioned.

Treated water is being utilized for horticulture use, cooling tower make up and toilet flushing
As System upgradation, we have also worked on and upgraded existing 500 KLD STP plant to 700 KLD MBR based STP so that our cumulative STP capacity is now integrated 1400 KLD with MBR (Membrane Bio Reactor) based advance technology sewage plant.

Installed new Integrated STP of 1400 KLD capacity with up gradated MBR based technology of existing 500 KLD to 700 KLD



PROCESS FLOW DIAGRAM 1400 KLD STP BASED ON MBR SYSTEM

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Sardar Vallabhbhai Patel International Airport, Ahmedabad

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PROCESS DESCRIPTION

Pre-treatment Unit

Pre-treatment unit consist of manual type fine screens for removal of floating material of size more than 6 mm, grit chamber for removal of grit and oil & grease chamber for removal of floating oil and grease. Pre-treatment unit is being designed to handle max flow of 35 m3/hr. The fine screens are being capable of removing most of the medium-size floating materials of sizes of more than 6 mm. Oil and grease chamber for removal of floating oil & grease.

Equalization Tank

The sewage from the pre-treatment unit overflows to an equalization tank. The equalization tank is being provided to dampen the flow variations and shock loading to achieve constant flow rate. Aeration facilities are being provided at the bottom of equalization tank for mixing and to prevent deposition of solids.

Rotary Drum Screens

The sewage from equalization tank is being pumped into mechanical rotary drum screens for removal of floating material of size more than 1 mm. Equalization tank transfer pumps will be provided to transfer the sewage from equalization tank to the rotary screen. The rotary drum screens are being designed to handle normal flow of 35 m3/hr.

Anoxic Tanks & Aeration Tanks

The sewage from rotary drum screens is being conveyed to biological treatment system. The design is being consist of biological trains/streams, each with anoxic tank, aerobic tank and a membrane tank. Each train is designed for 100% of the design flow i.e 35 m3/hr (700 m3/day).

Nitrate formed in the aerobic and membrane zones, is recycled back to the anoxic zone, where it is denitrified. Anoxic tank will consist of a submersible mixer for mixing the sewage with recycle sludge from membrane tanks. Having the anoxic zone as a first zone allows for maximum influent BOD utilization for denitrification. The sewage is being overflowed from the anoxic tanks to aeration tanks. Fine bubble diffusers are being provided at the bottom of each aeration tank to supply oxygen for biological decomposition of organic matter and to keep the mixed liquor suspended solids (MLSS) in suspension. Two (1duty + 1standby) air blowers are being provided to supply oxygen to aeration tanks. Dissolved oxygen will be monitored in each aerobic tank.

Membrane Tank

The mixed liquor from aeration tanks is being collected in membrane tanks consisting of submerged membrane modules. Clean water is withdrawn from the mixed liquor through the membranes using permeate pumps (2duty +1 standby)

and is being transferred to a treated water tank through ultraviolet disinfection system. Permeate / back pulse pumps are being taken from the treated water tank for back pulsing and cleaning the membranes. The sludge from the membrane tank is being recycled to anoxic tanks using two (1 Duty + 1 Standby) sludge transfer pumps. Waste sludge is being transferred to a sludge holding tank.

Irrigation Water Tank

The clean water from the membrane tank is being collected in the irrigation water tank. The treated water tank is being provided. The treated water is being transferred to the softener to remove hardness. Treated water will be stored in a soft water tank.

Sludge Handling Units

The sludge from the membrane tank is stored in a sludge holding tank. The sludge is being transferred to volute screw compactor for further dewatering using polyelectrolyte. The dewatered sludge from volute will be collected in bins and is being disposed of. The supernatant from volute will be routed to the inlet chamber of STP.

Disinfection Units

Biologically treated sewage from the MBR tanks is being pumped to two (1 Duty + 1 Standby) ultraviolet systems (A-30082A/B) consisting of UV lamps for destruction of pathogens. Sodium hypochlorite solution is being dosed in the treated water tank to maintain residual chlorine of 0.1 mg/l as per MoEF standards for water reuse.

Chemical Dosing System

- Sodium hypochlorite and Citric acid solutions should be used for cleaning of membrane to avoid fouling. One dosing tank and one dosing pump will be provided for each chemical.
- Sodium hypochlorite is being used for disinfection of treated sewage which is being used for irrigation purposes. One dosing tank and one dosing pump will be provided for this purpose.
- Polyelectrolyte solutions dozed into the sludge feed line leading to the volume to enhance de-watering of sludge. One dosing tanks and one dosing pumps will be provided for dosing of polyelectrolyte solution.

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ANNEXURE – 7

Cost of Environmental Protection Measures of AIAL, Ahmedabad

Activity	Cost incurred (INR in Lakhs)
Costs incurred for Legal & Statutory Expenses, Environment Monitoring Services, Hazardous / Non-Hazardous Waste Management & Disposal, Environment event Celebration, Horticulture Expenses, O&M of Sewage Treatment Plant, wildlife control and biodiversity initiative cost, fire and safety management and sustainability initiatives etc.	April 2025 to March 2026 **Total: ~ 2940 Lakh per annum**

Cost of Environmental Protection Measures of AIAL, Ahmedabad (FY 2025-26)	
Cost incurred for Legal & Statutory Expenses, Environment Monitoring Services, Hazardous / Non-Hazardous Waste Management & Disposal, Environment event Celebration, Horticulture and green belt development and management Expenses, O&M of Sewage Treatment Plant, wildlife control and biodiversity initiative cost, & other sustainability initiatives etc.	
Cost of Environmental Protection	**OPEX/CAPEX (INR)**
Environmental Operations (Envi. monitoring/legal fees)	70,34,240
Horticulture /greenbelt development and maintenance cost	3,26,28,744
Wildlife and biodiversity initiative and management	6,95,14,451
Fire and Safety Protection and Operations	1,12,40,826
Waste water management: STP operations	16,00,000
IMS and Five S implementation	11,25,000
Other Sustainability projects / energy efficiency improvement	
Upgradation of Chiller, LED Lights, Replacement of Air Conditioning System, STP pipeline network, AHU system, Digitalization	3,93,20,890
EV vehicle purchase	7,74,00,000
Refurbishment of 500 KLD STP to 700 KLD MBR based STP	1,07,00,000
Installation Noise Monitoring Terminal as per DGCA	1,845,000
Noise Monitoring Terminal as per DGCA Study	1,715,000
Rainwater Harvesting Work, Land Side (Strom Water)	2,498,800
Total (in INR)	**29,40,01,116**
(In lakh)	**2940**