# Half Yearly Compliance Report

## Sardar Vallabhbhai Patel International Airport
## Ahmedabad

**By:**

**Ahmedabad International Airport Ltd**

**Compliance Period:**
**Oct 2025 to Mar 2026**

Sardar Vallabhbhai Patel International (SVPI) Airport, Ahmedabad was granted Environmental Clearance (EC) vide letter no. 10-6/2006-IA-III, dated 31st July 2006 for "Construction of New International Terminal Building and a New Domestic Arrival Block", Ahmedabad, Gujarat.

Ahmedabad International Airport Limited (AIAL) formerly known as Adani Ahmedabad International Airport Ltd, a wholly owned subsidiary of Adani Enterprises Limited, signed Concession Agreement with Airports Authority of India (AAI) on 14th February 2020, for operation, maintenance, management and development of SVPI Airport, Ahmedabad.

AIAL has been entrusted with the responsibility to operate and manage the existing airport assets and is responsible for designing, engineering, financing, construction, upgradation and development of Airside & landside infrastructure for the airport and its subsequent operation and management for a 50 year concession period.

The said EC has been transferred to Adani Ahmedabad International Airport Limited (AAIAL) vide MoEF orders dated 17th June 2021 and further amended vide order dtd. 26th Nov 2021.

Later, owing to the name change of airport operator from 'Adani Ahmedabad International Airport Ltd' to 'Ahmedabad International Airport Ltd', the name change is solicited by MoEF in the said Environmental Clearance vide MoEF order dated 16th Feb 2022.

As a part of the above-mentioned Environment clearance following facilities are developed and are under operation:

- New International Terminal Building
- New Domestic Arrival Block along with the associated facilities.

Apart from the above following facilities were considered prior to this Environment Clearance:

- New Terminal Building – Domestic (Arrival & Departure)
- New Terminal Building- International (Arrival & Departure)
- New Domestic Departure Building
- Apron, Hangar
- Runway & Taxiway

The present compliance report is submitted by AIAL for the compliance period of **Oct 2025** to **Mar 2026**.

**File No. 10-6/2006-IA-III**
Government of India/Bharat Sarkar
Ministry of Environment, Forest and Climate Change
(IA.III Section)

Indira Paryavaran Bhawan
Jor Bagh Road, New Delhi-110003
16th February, 2022

To,

The Chief Airport Officer
(Shri Badrinarayan Gandhi)
M/s Ahmedabad International Airport Limited
Adani Corporate House
Shantigram, Near Vaishno Devi circle
S.G. Highway, Khodiyar
Ahmedabad 382421
Gujarat, India.

Subject: Environment Clearance for Construction of New International Terminal Building at Sardar Vallabhai Patel International Airport, Ahmedabad- **Name Change in EC**– regarding.

Sir,

This has reference to your online application/proposal No. IA/GJ/MIS/254450/2022 through Parivesh Portal regarding name change in EC granted to the above mentioned project from M/s Adani Ahmedabad International Airport Limited to M/s Ahmedabad International Airport Limited.

2. The Ministry had earlier issued EC dated 31.07.2006 to the project for Construction of New International Terminal Building at Sardar Vallabhai Patel International Airport, Ahmedabad by Airport Authority of India. Later, the EC has been transferred from M/s Airport Authority of India to M/s Adani Ahmedabad International Airport Limited vide letter No. 10-6/2006-IA-III dated 17.06.2021.

3. Since the project proponent name has been changed from M/s Adani Ahmedabad International Airport Limited to M/s Ahmedabad International Airport Limited has submitted a copy of undertaking/NOC as signed by the authorized signatory to abide by the terms and conditions stipulated in the EC granted vide letter No. 10-6/2006-IA-III dated 31.07.2006 & 17.06.2021 issued by the Ministry of Environment, Forest and climate Change to the M/s Airport Authority of India.

4. As per the relevant provisions of the EIA Notification 2006, the project proponent name, "M/s Adani Ahmedabad International Airport Limited" in EC already granted by Ministry of Environment, Forest and Climate Change vide letter No. 10-6/2006-IA-III dated 17.06.2021 is hereby changed to "M/s Ahmedabad International Airport

Limited", on the same terms and conditions specified in EC granted vide Letter No. 10-6/2006-IA-III dated 31.07.2006 & 17.06.2021.

5. This issues with the approval of Competent Authority.

**(Dr. Dharmendra Kumar Gupta)**
**Director (S)**

Copy to:

1. The Principal Secretary, Department of Environment, Government of Gujarat, Block No. 14, 8th Floor, Sachvalaya, Gandhinagar-382010.
2. The Deputy Director General of Forests (C), Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Gandhi Nagar A wing- 407 & 409, Aranya Bhawan, Near CH-3 Circle, Sector-10A, Gandhi Nagar-382010.
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
4. The Member Secretary, Gujarat Sate Pollution Control Board, Paryavaran Bhawan, Sector 10-A, Gandhinagar-382010.
5. Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.
6. Guard File/ Record File/ Notice Board/MoEF&CC website.

**(Dr. Dharmendra Kumar Gupta)**
**Director (S)**

**F. No. 10-06/2006-IA.III**
Government of India
Ministry of Environment, Forest and Climate Change
(IA.III Section)

Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi – 3

**26th November, 2021**

**CORRIGENDUM**

Subject: Transfer of Environmental Clearance to Adani Ahmedabad International Airport Ltd., (AAIAL)-Request for corrections – reg.

Ref: Letter No. AMD/HSE/004/21-22 dated 26th July, 2021.

In partial modification of this Ministry's earlier letter of even number dated 17.06.2021, the following formulations have been modified:

i. Date of Concession agreement may be read as 14.02.2020 instead of 04.02.2020.

ii. Date of Environmental Clearance may be read as 31.07.2006 instead of 31.10.2006.

2. All other terms and conditions stipulated in the EC granted vide F. No. 10-06/2006-IA.III dated 31.07.2006 and subsequent letter regarding transfer of EC dated 17.06.2021 shall remain unchanged.

(Dr. Dharmendra Kumar Gupta)
Director (S)

To,
Chief Airport Officer,
Adani Ahmedabad International Airport Ltd.,
Adani Corporate House,
Shantigram, Near Vaishno Devi Circle,
SG Highway, Khodiyar, Ahmedabad- 382421

**F. No. No. 10-6/2006-IA.III**
Government of India
Ministry of Environment, Forest and Climate Change
(IA.III Section)
Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi – 110003

**June 17th, 2021**

To,

**Chief Airport Officer**
M/s Adani Ahmedabad International Airport Limited
Adani Corporate House
Shantigram, Near Vaishno Devi Circle
SG Highways, Khodiyar
Ahmedabad - 382421
Email: info@adani.com

Subject: Construction of new International Terminal Building at Sardar Vallabhbhai Patel International Airport, Ahmedabad by Airport Authority of India - Transfer of Environmental Clearance(EC)-reg.

Sir,

This has reference to your online application/proposal No. IA/GJ/MIS/202532/2021 dated 09.04.2021 through Parivesh Portal regarding transfer of EC to the above mentioned project from M/s Airport Authority of India (AAI) to M/s Adani Ahmedabad International Airport Limited (AAIAL), Ahmedabad.

2. The Ministry had earlier issued EC to the project for Construction of new International Terminal Building at Sardar Vallabhbhai Patel International Airport, Ahmedabad by Airport Authority of India at Ahmedabad, Gujarat.

3. M/s Adani Ahmedabad International Airport Limited has informed that the concession agreement has signed on 04.02.2020 for Operation, maintenance, management & development of Sardar Vallabhbhai Patel International Airport, Ahmedabad between M/s AAI and M/s Adani Ahmedabad International Airport Limited. As per the agreement, with effect from the commercial operation i.e. 07.11.2020. AAIAL is responsible to comply to all the applicable conditions, as stipulated under the issued EC for Construction of new International Terminal Building at Sardar Vallabhbhai Patel International Airport, Ahmedabad issued by the Ministry vide even number dated 31.07.2006.

4. M/s Adani Ahmedabad International Airport Limited has submitted a copy of undertaking/NOC as signed by the authorized signatory to abide by the terms and conditions stipulated in the EC granted vide letter No.10-6/2006-IA.III dated 31.07.2006 issued by the Ministry of Environment, Forest and Climate Change to the M/s Airport authority of India (AAI).

5. As per the relevant provisions of the EIA Notification 2006, the EC to the project for Construction of new International Terminal Building at Sardar Vallabh Patel International Airport, Ahmedabad granted by the Ministry of Environment, Forest and Climate Change vide letter No. 10-6/2006-IA.III dated 31.10.2006 is hereby transferred from M/s Airport Authority of India (AAI) to M/s Adani Ahmedabad International Airport Limited (AAIAL), on the same terms and conditions.

6. This issues with the approval of the competent authority.

(Dr. Dharmendra Kumar Gupta)
Director (S)

Copy to:

1. The Principal Secretary, Department of Environment, Government of Gujarat, Block No.14, 8th Floor, Sachvalaya, Gandhinagar-382010
2. The Addl. Principal Chief Conservator of Forests (C), Ministry of Environment, Forest and Climate Change, Integrated Regional Office (WZ), Kendriya Paryavaran Bhawan, Link Road No. 3, Ravishanlkarnagar, Bhopal-462016
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
4. The Member Secretary, Gujarat State Pollution Control Board, Paryavaran Bhawan, Sector 10-A, Gandhinagar-382010
5. Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.
6. Guard File/ Record File/ Notice Board
7. MoEF&CC website.

(Dr. Dharmendra Kumar Gupta)
Director (S)

No.10-6/2006-IA-III
Government of India
Ministry of Environment & Forests
(IA-III Section)

Paryavaran Bhavan
C.G.O. Complex, Lodhi Road,
New Delhi-110003

Dated the 31st July, 2006

Sub: **Construction of New International Terminal Building at Sardar Vallabhai Patel International Airport, Ahmedabad by Airport Authority of India - Environmental clearance – regarding.**

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Reference is invited to the letters No.AAI/NAD/AHM/W-26/ENGG(C)/298, dated 1.6.2006 and No.AAI/AHMEDABAD/W-30/ENGG.(C)/501, dated 3.7.2006 from Airports Authority of India on the subject mentioned above. No Objection Certificate has been obtained from Gujarat State Pollution Control Board vide their letter No.PC/ABD/NOC/AMC-637/4102, dated 10.2.2006. Public hearing has been held for the project on 7.2.2006.

2. The project involves construction of a (i) a new International building to handle 500 arriving and 5000 departing passengers and (ii) a new Domestic Arrival Block to handle 800 passengers at Ahmedabad Sardar Vallabhai Patel International Airport (SVPI), Ahmedabad. Site is located at latitude 23°04'14" N and Longitude 72°37'37" E. The proposed area under construction is only an up-gradation of the existing airport within the area of Airport Authority of India. The covered area would be 25,801 sq m (ground floor – 18,895 sq m, + first floor – 5873 sq m, + second floor – 102 sq m). Cost of the project is Rs.150 crs. Water requirement for the construction of domestic arrival block at Airport will be met from bore wells located within the premises of airport. At present total water requirement consumption in Ahmedabad International Airport is 6,33,400 litres/day, which includes 4,32,000 litres/day for fire fighting. The water requirement at the proposed new international terminal building is estimated to be 913865 litres/day, which includes 432000 litres/day for fire fighting. Power requirement will be met with from regular supply of Electricity Board. DG sets will be used only in case of power failure.

3. The proposal has been examined and the environmental clearance to this project is hereby accorded under Environmental Impact Assessment Notification, 1994 subject to effective implementation of the following conditions and environmental safeguards:

**A. Specific conditions:**

(i) All conditions stipulated by the Gujarat State Pollution Control Board vide their letter. No.PC/AD/NOC/AMC-637/4102, dated 10.2.2006 should be strictly implemented.

(ii) The project proponent should set up a separate Sewage Treatment Plant to treat the sewage of 84.33$m^3$/day generated from the existing and proposed airport terminal before discharge into the Municipal Sewerage. Consent from Ahmedabad Municipal Corporation should be obtained for discharging the treated effluent in the existing public sewerage system.

(iii) The project proponent should provide a copy of the approval letter from the local Municipal Authorities for supplying the drinking water. The usage water and municipal water may be furnished to this Ministry within three months from the date of receipt of this letter.

(iv) The project proponent should ensure that all engineering design and constructions should be done keeping in view the seismic zone 4 nature of the area.

(v) Noise control and mitigation measures must be incorporated to ensure that noise pollution is avoided in the immediate vicinity of airport. The monitoring of noise level in and around the airport must be regularly conducted and data furnished to the Authorities including State Pollution Control Board.

(vi) A detailed plan should be worked out for proper disposal of solid waste generated in the airport, in consultation with the local Municipal Authority and the State Pollution Control Board.

B. General Conditions:

(i) Construction of the proposed structure should be undertaken meticulously conforming to the existing Central/local rules. All the construction designs/drawings relating to the proposed construction activities must have approvals of the concerned State Government Departments/Agencies.

(ii) Adequate provisions for infrastructure facilities such as water supply, fuel for cooking, sanitation etc., must be provided for the laborers during the construction period to avoid damage to the environment. It should also be ensured that the construction workers do not cut trees for fuel wood purpose.

(iii) To prevent discharge of sewage and other liquid wastes into the water bodies, adequate system for collection and treatment of the wastes must be provided.

(iv) The project authorities should take appropriate community development and welfare measures for the villagers in the vicinity of the project site, including drinking water facilities. A separate fund should be allocated for this purpose.

(v) The quarrying material required for the construction purpose shall be obtained only from the approval quarries/borrow areas. Adequate safeguard measures shall be taken to ensure that the overburden and rocks at the quarry site do not find their way into water bodies.

(vi) For employing unskilled, semi-skilled and skilled workers for the project, preference shall be given to local people.

(vii) The recommendations made in the Environment Management Plan and Disaster Management Plan, as contained in the Environmental Impact Assessment and Risk Analysis Reports of the project shall be effectively implemented.

(viii) A separate Environment Management Cell with suitably qualified staff to carry out various environment related functions should be set up under the charge of a Senior Executive who will report directly to the Chief Executive of the Company.

(ix) The project affected people, if any should be properly compensated and rehabilitated.

(x) The funds earmarked for environment protection measures should maintained in a separate account and there should be no diversion of these funds for any other purpose. A year-wise expenditure on environmental safeguards should be reported to this Ministry.

(xi) Full support should be extended to the officers of this Ministry's Regional Office at Bhopal and the officers of the Central and State Pollution Control Boards by the project proponents during their inspection of monitoring purposes, by furnishing full details and action plans including the action taken reports in respect of mitigative measures and other environmental protection activities.

(xii) In case of deviation or alteration in the project including the implementing agency, a fresh reference should be made to this Ministry for modification on the clearance conditions or imposition of new ones for ensuring environmental protection. The project proponents should be responsible for implementing the suggested safeguard measures.

(xiii) The Ministry reserves the right to revoke this clearance, if any of the conditions subsequently, if deemed necessary, for environmental protection, which shall be complied with.

(xiv) The Ministry or any other competent authority may stipulate any other additional conditions subsequently, if deemed necessary, for environmental protection, which shall be complied with.

(xv) The project proponent should advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of clearance letters are available with the State Pollution Control Committee and may also be seen at Website of the Ministry of Environment & Forests at http://www.envfornic.in. The advertisement should be made within 7 days

from the date of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office of this Ministry at Bhopal.

(xvi) The Project proponents should inform the Regional Office at Bhopal as well as the Ministry the date of financial closure and final approval of the project by the concerned authorities and the date of start of Land Development Work.

4. The above-mentioned stipulations will be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Chemicals (Manufacture, Storage and Import) Rules, 1989.

(A. Senthil Vel)
Additional Director

To

Airports Authority of India,
Rajiv Gandhi Bhavan,
Safdarjung Airport,
New Delhi – 110003.

Copy to:

(i) The Secretary, Ministry of Road Transport & Highways, Transport Bhavan, 1, Parliament Street, New Delhi –110001.
(ii) The Chairman, Gujarat Pradesh State Pollution Control Board, Paryavaran Bhavan, Sector 10-A, Gandhinagar – 382010.
(iii) The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum- Office Complex, East Arjun Nagar, Delhi –110032.
(iv) Shri J. K. Vyas, Director (Environment), Forests & Environment Department, Government of Gujarat, Block No.14, 8th Floor, Sachivalaya, Gandhinagar – 382010.
(v) Chief Conservator of Forests, Ministry of Environment and Forests, Regional Office, Western Region, "Kendriya Paryavaran Bhavan", Link Road No.3, Ravishankar Nagar, Bhopal –462016 (M.P.).
(vi) Director (EI), Ministry of Environment & Forests, New Delhi.
(vii) The Regional Office Cell, MoEF.
(viii) Guard File.
*(ix)* Monitoring File

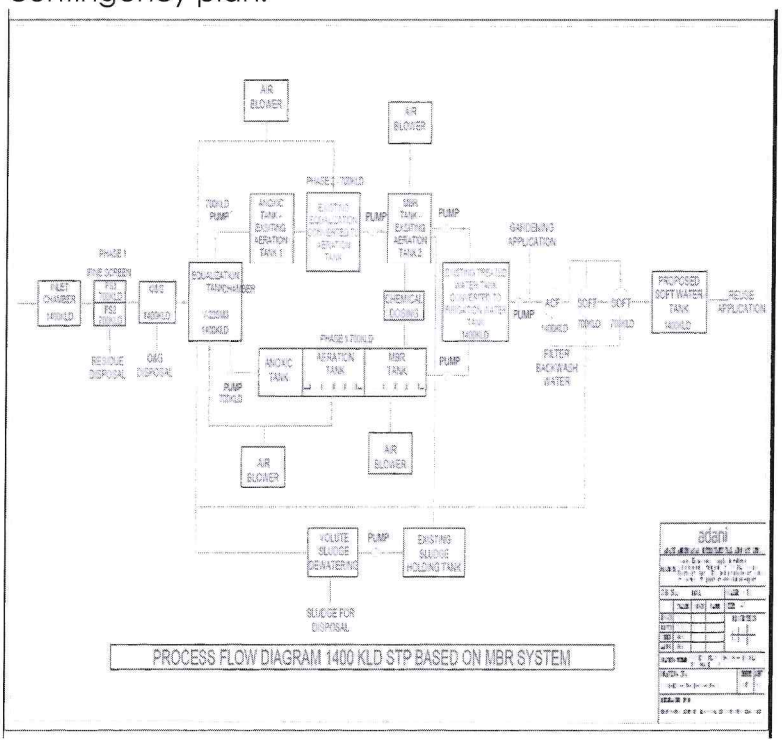
(A. Senthil Vel)
Additional Director

The Condition-wise Compliance Status are given below:

| Sr. No. | Conditions | Compliance Status as of 1st Apr 2026 |
|---|---|---|
| **A. Specific Conditions** | | |
| i. | All conditions stipulated by the Gujarat State Pollution Control Board vide their letter No. PC/AD/NOC/AMC-637/4102, dated 10.2.2006 should be strictly implemented. | **Complied**<br><br>Consent to Establish was obtained by AAI for Construction of New International Terminal Building and a New Domestic Arrival vide consent order dtd 10th Feb 2006.<br>Construction activity has already been completed and presently the project is under operation Phase.<br><br>The consent letter of GPCB with amendment and renewal is attached as **Annexure A(i)** |

| | | |
|---|---|---|
| ii. | The project should set up a separate Sewage Treatment Plant to treat the sewage of 84.33 KLD generated from the existing and proposed airport terminal before discharge into the Municipal Sewerage. Consent from Ahmedabad Municipal Corporation should be obtained for discharging the treated effluent in the existing public sewerage system. | **Complied**<br><br>A new integrated Sewage Treatment Plant (STP) with a total capacity of 1,400 KLD has been installed at the airport. This includes the commissioning of a new 700 KLD STP utilizing advanced Membrane Bioreactor (MBR) technology, along with the upgradation of the existing 500 KLD STP to a 700 KLD MBR-based system. The adoption of MBR technology offers several significant environmental benefits:<br>• **Superior Effluent Quality:** MBR systems produce high-quality treated water with very low levels of suspended solids, BOD, COD, and pathogens. This enables safe reuse of treated wastewater for gardening, cooling, and toilet flushing, reducing the demand for fresh water and supporting water conservation initiatives.<br>• **Enhanced Water Recycling:** The high-quality effluent from MBR allows for 100% recycling of treated water for non-potable uses, contributing to the airport's sustainability goals and reducing the environmental impact of wastewater discharge.<br>• **Reduced Sludge Generation:** MBR technology operates at higher mixed liquor suspended solids (MLSS) concentrations, resulting in lower sludge production and minimizing the burden of sludge disposal.<br>• **Lower Chemical and Energy Consumption:** Modern MBR systems are designed for efficient operation, often requiring less chemical dosing and energy for membrane cleaning and plant maintenance compared to traditional systems.<br>• **Support for Zero Liquid Discharge (ZLD):** By enabling near-complete recycling and reuse of wastewater, MBR technology supports the airport's vision of achieving zero liquid discharge outside the premises.<br>These features not only ensure compliance with regulatory standards but also align with the airport's broader environmental and sustainability commitments, such as water positivity, zero waste to landfill, and carbon neutrality. |

Treated wastewater reuse in gardening, cooling, and toilet flushing and 84.33 KLD is discharged to AMC drainage system as per CCA dated 25.06.2025
This treated sewage quantity discharge to AMC drainage is considered only during monsoon season as contingency plan.



PROCESS FLOW DIAGRAM 1400 KLD STP BASED ON MBR SYSTEM

The Average inlet & outlet flow data & chemical consumption data of STP for the compliance period of **Oct 2025 to Mar 2026** is given below:

| Avg. Inlet Flow (KLD) | Outlet Flow (KLD) | Chemical Consumption (Sodium hypo-chloride) (Liter per month) |
|---|---|---|
| 480 | **477** | ~190 |

**Note**: Inlet flow includes the Backwash flow data

Environment Monitoring is carried out regularly by MoEF&CC/ NABL approved laboratory. All the results are observed to be within permissible limits. The summary of STP treated water for the period **Oct 2025 to Mar 2026** is given below.
The detailed Environment Monitoring report covering analysis report for STP treated water for the compliance

<table>
<tr><th>Sr. No.</th><th>Conditions</th><th>Compliance Status as of 1st Apr 2026</th></tr>
<tr><td></td><td></td><td>period of Oct 2025 to Mar 2026 is attached as Annexure -A(ii).
<table>
<tr><th rowspan="2">Parameter</th><th rowspan="2">Unit</th><th colspan="2">Results</th><th rowspan="2">Limits as per G.S.R. 1265(E)</th></tr>
<tr><th>Max</th><th>Min</th></tr>
<tr><td>pH</td><td>--</td><td>7.50</td><td>6.60</td><td>6.5 - 9.0</td></tr>
<tr><td>Total Suspended Solids</td><td>mg/L</td><td>16</td><td>12</td><td>< 20.0</td></tr>
<tr><td>Biological Oxygen Demand at 27°C, 3 days</td><td>mg/L</td><td>9.2</td><td><4.00</td><td>< 10</td></tr>
<tr><td>COD (chemical oxygen demand)</td><td>mg/L</td><td>32.0</td><td>7.6</td><td><50</td></tr>
<tr><td>Fecal Coliform</td><td>MPN/ 100 ml</td><td>130</td><td>70</td><td><230</td></tr>
</table></td></tr>
<tr><td>iii.</td><td>The project proponent should provide a copy of the approval letter from the local Municipal Authorities for supplying the drinking water. The usage water and municipal water may be furnished to this Ministry within three months from the date of receipt of this letter.</td><td>Complied<br><br>SVPIA had applied for increase in water withdrawal from Ahmedabad Municipal Corporation for supplying of water 1000 KLD vide dated 05.04.2024. we have obtained the permission form AMC, The copy of last bill is given in Annexure-A.1 (iii).. additionally, obtained the ground water NOC from CGWA is attached as Annexure A.2(iii).</td></tr>
</table>

| Sr. No. | Conditions | Compliance Status as of 1st Apr 2026 |
|---|---|---|
| iv. | The project should ensure that all engineering design and constructions should be done keeping in view the seismic zone 4 nature of the area. | **Complied**<br><br>With reference to the mentioned EC copy numbered 10-6/2006-IA-III dated 31 July 2006 of Ministry of Environment & Forests, the project has already been completed, and airport is under operational phase.<br><br>AIAL has taken over the airport operations from AAI (Nov 2020) and carried out repair & maintenance activities of the Terminal Buildings, airside infrastructure and storm water drains.<br><br>However, in the new masterplan design, all the applicable rules and regulations have been considered. |

| | | |
|---|---|---|
| v. | Noise control and mitigation measures must be incorporated to ensure that noise pollution is avoided in the immediate vicinity of airport. The monitoring of noise level in and around the airport must be regularly conducted and data furnished to the Authorities including State Pollution Control Board. | **Complied**<br><br>Following Noise control and mitigation measures are adopted at the site:<br><br>• Standard instrument arrival & departure procedure is implemented to minimize the noise levels of aircrafts<br>• Pilots are advised to carry out Continuous Descant approach<br>• Control on the vehicular noise level by maintaining speed & vehicle conditions<br>• DG sets are provided with acoustic enclosures & muffs<br><br>Regular Noise Monitoring at 04 locations along with Continuous 7 days Flight Path Noise Monitoring at 03 locations is being carried out by MoEF&CC/ NABL approved laboratory.<br><br>AIAL has conducted a comprehensive noise zoning and mapping study in accordance with DGCA CAR requirements, which has received DGCA approval. The L max details are as under |

| Airport | City / Village | $L_{Amax}$ dB | Coordinates | |
|---|---|---|---|---|
| | | | Latitude | Longitude |
| Ahmedabad | Ghanshyam Nagar | 119.4 | 23°03'45.27" N | 72°37'07.95" E |
| | Ambica Nagar | 111.9 | 23°05'46.71" N | 72°39'17.62" E |

CNMT (Continuous Noise Monitoring Terminal) installed

Prescribed mitigation measures associated with the noise zone approval are being effectively implemented.

In addition, continuous online noise monitoring station has been installed at 2 locations (outside the airport premises and at the end of both ends of the runway).

Detailed Noise Monitoring report summery, covering AMBIENT NOISE LEVEL MONITORING RESULTS for the compliance period of **Oct 2025 to Mar 2026** is attached as **Annexure A (v).**

| Sr. No. | Conditions | Compliance Status as of 1st Apr 2026 |
|---|---|---|
| | | Results at all locations have been observed within the permissible norms.<br><br>Data is submitted to State Pollution Control Board, along with other regulatory authorities, as a part of Half yearly compliance reports. |

| | | |
|---|---|---|
| vi. | A detailed plan should be worked out for proper disposal of solid waste generated in the airport, in consultation with the local Municipal Authority and the State Pollution Control Board. | **Complied**<br>As part of AIAL operations, an effective Solid Waste Management plan has been implemented at the site.<br><br>Waste is collected and segregated at the source, with separate bins provided for dry and wet waste across all locations including Airside, Landside, and Terminals.<br><br>Well-demarcated waste collection points have been established, from where segregated waste is transferred to a dedicated waste yard located at the back end of the airport.<br><br>SVPIA is a Zero Waste to Landfill certified airport by CII dated 26.05.2025, valid up to 21.02.2028. All properly segregated waste is handed over to the local authority-recognized agency, M/s. Sharda Enterprises, for further processing in line with the 5R principles — Reduce, Reuse, Reprocess, Recycle, and Recover — ensuring no waste is sent to landfill. Copy of ZWL Certificate given as **Annexure A (VI)**<br><br>AMC registered vendor M/s. Sharda Enterprises is implementing Solid waste management at site. Details of solid waste generated during the compliance period of **Oct 2025 to Mar 2026** is given below.<br><br>Other Metal waste directly disposed by AIAL to recycler also included in recyclable waste data as below. |

| Month | Recyclable Waste (kg) | Food Waste (Composter) (kg) |
|---|---|---|
| Oct-25 | 19768 | 12385 |
| Nov-25 | 19094 | 11800 |
| Dec-25 | 20177 | 13515 |
| Jan-26 | 22284 | 14079 |
| Feb-26 | 21212 | 13192 |
| Mar 26 | 19301 | 11834 |

Entire recyclable waste is segregated & recycled. Food waste is being composted in organic waste Composter machine in the premises.

The waste management practices is explained in **Annexure – A2(vi)**

| Sr. No. | Conditions | Compliance Status as of 1st Apr 2026 |
|---|---|---|
| | | |
| **B. General Conditions** | | |
| i. | Construction of the proposed structure should be undertaken meticulously conforming to the existing Central/ local rules. All the construction designs/ drawings relating to the proposed construction activities must have approvals of the concerned State Government Departments/ Agencies. | **Condition is not applicable**<br><br>Construction activity has already been completed and presently the project is under operation Phase. |
| ii. | Adequate provisions for infrastructure facilities such as water supply, fuel for cooking, sanitation, must be provided for the labourers during the construction period to avoid damage to the environment. It should also be ensured that the construction workers do not cut trees for fuel wood purpose. | **Condition is not applicable**<br><br>Construction activity has already been completed and presently the project is under operation Phase. |
| iii. | To prevent discharge of sewage and other liquid wastes into the water bodies, adequate system for collection and treatment of the wastes must be provided. | **Complied**<br><br>1400KLD STP is provided for sewage generated from operations. Treated wastewater is being used for gardening.<br><br>Refer point no. ii above and annexure for the same. |

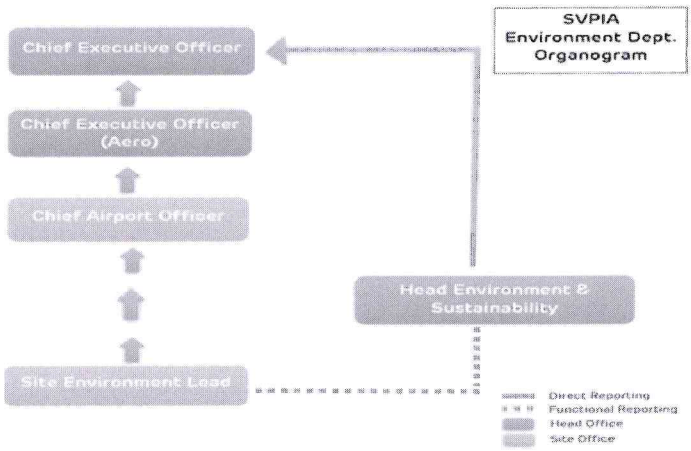
| Sr. No. | Conditions | Compliance Status as of 1st Apr 2026 |
|---|---|---|
| iv. | The project authorities should take appropriate community development and welfare measures for the villagers in the vicinity of the project site, including drinking water facilities. A separate fund should be allocated for this purpose. | **Being Complied**<br><br>activities are being implemented through the Adani Foundation, focusing on key areas such as Education, Health, Sustainable Livelihood, and Community Infrastructure.<br><br>Details of the CSR activities undertaken and future plan are provided in **Annexure B(iv)** |
| v. | The quarrying material required for the construction purpose shall be obtained only from the approval quarries /borrow areas. Adequate safeguard measures shall be taken to ensure that the overburden and rocks at the quarry site do not find their way into water bodies. | **Condition is not applicable**<br><br>Construction activity has already been completed and presently the project is under operation Phase. |
| vi. | For employing unskilled, semi-skilled and skilled workers for the project, preference shall be given local people. | **Complied**<br><br>The airport operation requires high level of expertise to ensure safe flight operations, highly skilled & technical personnel are being recruited inline to the requirements.<br><br>For supportive services, like project activities, Housekeeping, Administration, STP operation, Horticulture, Utility operation etc, local people (semiskilled) are preferred.<br><br>More than 90 percentage working staff are locals. |

| | | |
|---|---|---|
| vii. | The recommendations made in the Environment Management Plan and Disaster Management Plan as contained in the Environmental Impact Assessment and Risk Analysis Reports of the project shall be effectively implemented. | Complied<br><br>Energy Saving and other sustainability Measures<br><br>In Sep 2023 some of the energy and water saving initiatives have been taken, and we are getting benefits of the same during monitoring period of October 2025 to March 2026.<br><br>Energy Saving and other sustainability Measures are as below:<br><br>• 135 water aerators installed at washroom area which resulted and expected saving of 1200-1500 KL water per month, which has potential for pumping and water saving.<br>• At terminal 1 and 2, all paper towels were phased out and only hand dryers are used. This is a sustainability initiative and paper & plastic saving initiative. Approximately, ~810 trees are saved yearly from being axed owing to replacement of Paper Towels. Reduction of plastic bags used for collection and disposal by 2.5 tons annually. This also resulted in potential Cost saving of ~INR 66 Lakh y-o-y related to paper towels purchases.<br>• Installed 1400 KW capacity solar panels to utilize renewable energy and to reduce the GHG emissions.<br>• The conventional lights have been replaced with LED lights in all the possible locations which has reduced the total energy consumption.<br>• We continue with the temperature of the Chillers is increased from 7°C to 11-12°C as part of maintenance & controlling the temperature inside the Terminal.<br>• Re-Engineering: The number of chillers at airport premises are reduced by combining the chiller lines of Arrival & Departure areas as part of energy conservation.<br>• Temperature Controllers are installed for AHU operations. |

| | | |
|---|---|---|
| | | • VFD drive installed at STP blower and broken diffuser replaced, so that air and energy losses can be avoided.<br>• Air-condition in server rooms' is localized in place of centralized system to reduce energy consumption.<br>• Proactively controlled lighting systems are provided. The landside streetlights are made operational on timer basis according to the daylights.<br>• Sensitization of the team & continuous follow up is done for further improvising the Airport environmental & sustainability aspects.<br>• Timely maintenance of AHU's filters & coil, chillers, cooling towers is being carried out at AIAL. Regular monitoring is being carried out for the same.<br>• Four Electrical vehicles (e-vehicles- Follow me vehicle at air side) and Two EV Charging Stations at airside are introduced. Total 65% of our vehicle are now Evs<br>• Various plastic waste reduction drive performed. Exp. SUP free airport drive and assessment stopped using 200 ML PET bottle at airport lounge with replacement of water dispenser with 300 ML reusable glass. We have stopped using PET bottles in any meeting or conference with replacement of glass refillable bottles. Various awareness sessions organised with concessioner partners and with waste handlers for waste reductions incitive.<br><br>Solid Waste<br><br>AIAL is identifying and implementing sustainable waste management techniques which focuses on 5R (Reduce, Reprocess, Reuse, Recycle and Recover) principles.<br><br>Regular cleaning of roads by Mechanized Sweeping Machines. |

| | | |
|---|---|---|
| | | Zero waste to landfill certification audit conducted with demonstrating compliance on waste management practices toward zero waste to landfill certification process and final result is platinum category ratting with more than 99% waste diversion for five R principle of waste management and avoiding waste disposal to landfill disposal.<br><br>Wastewater Treatment and Recycling<br><br>• Sewage Treatment Plant (STP) (technology: MBR - Membrane bio reactor) is provided for treating the entire sewage generated.<br><br>• New 700 KLD MBR based STP constructed and by 30 March 2025, the commissioning of the STP completed Now as STP upgradation program, AIAL's existing 500 KLD MBBR based STP has been modernized with 700 KLD MBR based STP. So AIAL'S integrated STP capacity will be 1400 KLD.<br><br>• The treated wastewater from the STP is utilized for gardening and horticulture activity within premises to conserve the freshwater consumption. 100 % water is being reuse/utilised within premises.<br>Carbon Emissions Inventory & Carbon Neutrality<br><br>• Airport carbon emission inventory has been carried out and targets are set for achieving operational net zero by FY 2029<br>• We have defined systems for developing annual emission inventory (greenhouse gas emissions) in line with ISO 14064 and ACA Level 4+ requirement, which is the highest-level of accreditation.<br><br>• Based on our baseline emissions and future projections, we have developed a detailed roadmap for achieving carbon neutrality and net zero status in accordance with ACA guidelines. |

| | | |
|---|---|---|
| | | • Replacement of R22 refrigerant based AC units with Low GWP R32 refrigerant based BEE 5 Star Rated AC's<br>• We have already replaced all 273 CO2 fire extinguishers with clean agent type of fire extinguishers as move towards scope 1 emission reduction. All phased out CO2 extinguishers are under disposal program.<br>• Fleet electrification metrics show 38 out of 58 airport-owned vehicles (65%) converted to EVs, avoiding approximately 10,000 litres of diesel consumption annually, contributing to Scope-1 emission reduction.<br>• In the month of Dec 2024, we have carried out assessment as per water positive status study from TERI. Final report of water positive status received and implementation planned.<br>• AIAL has announces a significant environmental milestone: the successful certification as a Zero Waste to Landfill (ZWL) Platinum—Class I Rated airport by the Confederation of Indian Industry (CII).<br>• The certification validates SVPIA's outstanding waste diversion practices, with a diversion rate exceeding 99.9%. This achievement results from AIAL's comprehensive implementation of the 5R principles—Reduce, Reuse, Reprocess, Recycle, and Recover<br>• To enable sustained performance improvement, SVPIA has implemented a Unified Engineering Control & Command Center (UECCC), integrating HVAC systems, chillers, cooling towers, electrical distribution, lighting, solar generation, water systems, and critical utilities onto a single digital platform. UECCC enables real-time monitoring, centralized control, and performance benchmarking of energy-intensive assets, ensuring that efficiency gains from retrofits are continuously maintained and optimized. This digital backbone supports data-driven |

| Sr. No. | Conditions | Compliance Status as of 1st Apr 2026 |
|---|---|---|
| | | operations and measurable reductions in energy and resource consumption across the airport<br>• Renewable energy adoption progressed from ~6–7% electricity supply via rooftop solar to 100% green electricity procurement through open access from October 2025, enabling an estimated ~95% reduction in Scope-2 greenhouse gas emissions annually |
| viii. | A separate Environment Management Cell with suitably qualified staff to carry out various environment related functions should be set up under the charge of a Senior Executive who will respond directly to the Chief Executive of the Company. | **Complied**<br><br>Site is having Head Environment to take care of Environment related functions. He reports to head environment corporate AAHL and parallel report to chief airport officer at site for any administrative and technical developments and these both reporting managers are directly reports to the top management.<br><br><br><br>Site Environment Head is MSC Environment science and having more than 20 years of experience in the field of environment respectively.<br>Please see the **annexure B(viii) for EMP cell.** |
| ix. | The project affected people, if any should be properly compensated and rehabilitated. | **Condition is Not Applicable** |

| Sr. No. | Conditions | Compliance Status as of 1st Apr 2026 |
|---|---|---|
| X | The funds earmarked for environment protection measures should maintained in a separate account & there should be no diversion of these funds for any other purpose. A year-wise expenditure on environmental safeguards should be reported to this Ministry. | **Complied**<br><br>Separate budget of or the Environment protection measures is earmarked for FY 2025-26.<br>Entire budget and all the expense details are recorded in advanced accounting system of the organization and as such separate bank account is not maintained.<br>Dedicated budget for ESG department and same has been utilized of the same planned ESG activities.<br>Detailed expense sheet attached as **Annexure B (x)** |
| xi. | Full support should be extended to the officers of this Ministry's Regional Office at Bhopal and the officers of the Central and State Pollution Control Boards by the project proponents during then inspection of monitoring purposes, by furnishing full details and action plans including the actions, taken reports in respect of mitigative measures and other environmental protection activities. | **Complied**<br><br>Full support is extended to the regulatory authorities during their visit to the project site. All necessary documents are submitted as per the request of the visiting authorities.<br><br>IRO MOEF&CC, visited at site on 27 May 2022 and given us certified compliance report on 22 June 2022 and there is no non-compliance reported in this certified compliance report. Copy of CCR, has been already submitted as part of six-monthly compliance report (Apr'25 to Sep'25) vide letter no. AIAL/ESG/MOEFCC/293 dated 29th November 2025. |

| Sr. No. | Conditions | Compliance Status as of 1st Apr 2026 |
|---|---|---|
| xii. | In case of deviation or alteration in the project including the implementing agency, a fresh reference should be made to this Ministry for modification on the clearance conditions or imposition of new ones, for ensuring environmental protection. The project proponents should be responsible for implementing the suggested safeguard measures. | **Complied**<br><br>31st July 2006 - Environment Clearance (EC), obtained for Sardar Vallabhbhai Patel International Airport (SVPIA) by Airport Authority of India (AAI).<br><br>14th Feb 2020 - Ahmedabad International Airport Ltd (AIAL) has entered into the Concession Agreement with AAI.<br><br>7th Nov 2020 – AIAL commenced operation of SVPIA In compliance with this concession agreement, [Commercial Operation Date (COD)].<br><br>17th June 2021 - Environment Clearance (EC), which was granted vide dtd. 31st July 2006 was transferred from AAI to AIAL.<br><br>12th October 2022 – ToR to Consent to Establish (CTE) vide order no. 58203 for Master Plan Development has been obtained by AIAL.<br>11th November 2022 - Environment Clearance (EC) for Master Plan development of Sardar Vallabhbhai Patel International Airport (SVPIA) was obtained by AIAL.<br><br>27th September 2023 - CCA amendment order released as AWH 129314 dated validity up to 20.10.2025.<br><br>24th January 2025 – Name change obtained from Adani Ahmedabad International Airport Limited to M/s. Ahmedabad International Airport Limited approval.<br><br>25th June 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 |

| Sr. No. | Conditions | Compliance Status as of 1st Apr 2026 |
|---|---|---|
| xiii. | The Ministry reserves the right to revoke this clearance, if any of the conditions subsequently. It deemed necessary, for environmental protection, which shall be complied with. | **Point Noted & Agreed** |
| xiv. | The Ministry or any other competent authority may stipulate any other additional conditions subsequently, if deemed necessary, for environmental protection, which shall be complied with. | **Point Noted & Agreed** |

<table>
<tr><th>Sr. No.</th><th>Conditions</th><th>Compliance Status as of 1st Apr 2026</th></tr>
<tr><td>xv.</td><td>The project proponent should advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned, informing that the project has been accorded environmental clearance and copies of clearance letters are available with the State Pollution Control Committee and may also be seen at Website of Ministry of Environment & Forests at http://www.envfornic.in. The advertisement should be made within the 10 days from the date of the clearance letter and a copy of the same should be forwarded to the regional office of this to the Ministry of Bhopal.</td><td>Complied<br>Details of previous compliance reports submitted is given below:<br><table><tr><th>Sr. No.</th><th>Compliance period</th><th>Date of submittal</th></tr><tr><td>1</td><td>April 2025 to Sep 2025</td><td>30 Nov 2025</td></tr><tr><td>2</td><td>Oct 2024 to March 2025</td><td>31 May 2025</td></tr><tr><td>3</td><td>April 2024 to Sep 2024</td><td>1st Dec 2024</td></tr><tr><td>4</td><td>Oct 2023 to March 2024</td><td>30 June 2024</td></tr><tr><td>5</td><td>Apr 2023 to Sept 2023</td><td>30th Nov 2023</td></tr><tr><td>6</td><td>Oct 2022 to Mar 2023</td><td>20th May 2023</td></tr></table>Last EC compliance report Submittal is attached as Annexure-B(xv)</td></tr>
<tr><td>xvi.</td><td>The Project proponents should inform the Regional Office at Bhopal as well as the Ministry the date of financial closure and final approval of the project by the concerned authorities and the date of start of Land Development Work.</td><td>Complied<br>Construction activity has already been completed and presently the project is under operation Phase.<br>Concession agreement has been signed between Airports Authority of India (AAI) and Ahmedabad International Airport Limited (AIAL) on 14th Feb 2020. As per the above said Concession Agreement, AIAL has commenced the operation with effect from the Commercial Operation Date (COD) i.e. 7th Nov 2020</td></tr>
</table>

Annexure A(i)

# GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN, SECTOR 10-A,
GANDHINAGAR - 382010,
(T) 079-23232152

GPCB

**By R.P.A.D**

**CORRECTION IN CONSOLIDATED CONSENT and AUTHORIZATION (CC&A) order No. 867993 dated 18/07/2025.**

**M/s. Ahmedabad International Airport Ltd (AIAL),**
**(Old Name: M/s. Adani Ahmedabad International Airport Ltd),**
**Sardar Patel International Airport,**
**Ahmedabad – 388009.**

**Subject** : Correction in CCA Renewal.

**Reference** : 1) This office has issued CCA order No. AWH-145126 vide order no. GPCB/ ABD/AMC/CCA-519(6)/ID-10150/867993, dated 18/07/2025.
2) Your letter dated 11/09/2025 for correction in CCA Renewal cum amendment order.

In exercise of the power conferred under section-27 of the Water (Prevention and Control of Pollution) Act-1974, under section-21 of the Air (Prevention and Control of Pollution)-1981 and Authorization under rule 6(2) of the Hazardous & Other Waste (Management &Transboundary Movement) Rules-2016 & as amended framed under the Environmental (Protection) Act-1986 and without reducing your responsibility under the said Acts/Rules in anyway; this Board is empowered to amend consent order conditions.

Accordingly, CCA order no. **AWH-145126** vide order no. **GPCB/ ABD/AMC/CCA-519(6)/ID-10150/867993, dated 18/07/2025** is hereby corrected/amended as below;

| Old Name in CCA No. 867993 dated 18/07/2025 | Correction Name in CCA No. 867993 dated 18/07/2025 |
|---|---|
| **M/s. Adani Ahmedabad International Airport Ltd, (Old Name: M/s. Airport Authority of India), Sardar Patel International Airport, Ahmedabad – 388009.** | **M/s. Ahmedabad International Airport Ltd (AIAL), (Old Name: M/s. Adani Ahmedabad International Airport Ltd), Sardar Patel International Airport, Ahmedabad – 388009.** |

**Correction in condition no. 3.5 in Conditions Under Water Act 1974:**

- The condition no. 3.5 of the said CCA Renewal cum amendment is corrected as below.

**3.5 Treated sewage of 1155 KLD shall be reuse for gardening, plantation, toilet flushing and cooling purpose with following standards & remaining treated sewage of 84.33 KLD shall be discharged to AMC Drainage.**

| Parameter | Standards |
|---|---|
| pH | 5.5-9.0 |
| BOD | 10 mg/l |
| COD | 50 mg/l |
| Total Nitrogen | 10 mg/l |
| Total phosphorous | 1 mg/l |
| Fecal Coliform (FC) (MPN/100 ml) | Desirable-100<br>Permissible--230 |

Outward No:8802218/11/2025

**Correction in condition no. 5.2 in Conditions Under Hazardous and other Wastes [Management & Transboundary Movement] Rules – 2016:**

5.2 **M/s. Ahmedabad International Airport Ltd (AIAL) (Old Name: M/s. Adani Ahmedabad International Airport Ltd),** is hereby granted an authorization based on the enclosed signed inspection report for generation, collection, treatment, storage, transport of hazardous waste on the premises situated **Sardar Patel International Airport, Ahmedabad – 388 009.**

| Sr. No | Hazardous Waste | Quantity | Schedule Category | Method of Disposal |
|---|---|---|---|---|
| 1. | Used Oil | 7 KL/yr | I – 5.1 | Collection, Storage, Transportation & disposed by reuse within premises o selling to registered recycler |
| 2. | Sludge & Filters contaminated with oil | 100 kg/yr | I-33.2 | Collection, Storage reuse withi premises or Transportation & disposa by co processing/CHWIF site. |
| 3. | Waste residue containing oil/oily rags | 510 kg/yr | I-37.3 | Collection, Storage, Transportation & disposal by co processing/CHWIF site. |
| 4. | Discarded Drums | 100 Nos. (2 MT/yr) | I-33.1 | Collection, Storage, Transportation & disposal by selling to authorize decontamination facility. |

- All other terms and conditions of CCA order no. **AWH-145126** vide order no. **GPCB/ABD/AMC/CCA-519(6)/ID-10150/867993, dated 18/07/2025** shall remain unchanged and applicant shall comply with the same judiciously.

**For and on behalf of**
**Gujarat Pollution Control Board**

17/11/25

**(Mehul Patel)**
**Unit Head**

**NO: GPCB/ABD/AMC/CCA-519(6)/ ID-10150/**

TO,

**M/s. Ahmedabad International Airport Ltd (AIAL),**
**(Old Name: M/s. Adani Ahmedabad International Airport Ltd),**
**Sardar Patel International Airport,**
**Ahmedabad – 388009.**

Outward No: 8802 18/11/2025

GPCB

# GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN, SECTOR 10-A,
GANDHINAGAR - 382010,
(T) 079-23232152

**BY RPAD**

In exercise of the power conferred under section-25 of the Water (Prevention and Control of Pollution) Act-1974, under section-21 of the Air (Prevention and Control of Pollution) Act-1981 and Authorization under rule 6(b) of the Hazardous & other wastes (Management and Transboundary Movement) Rules'2016, framed under the EP Act-1986.

And whereas Board has received on line consolidated consents & Authorization (CC&A) Renewal cum amendment application **inward No: 332733 dated 16/05/2025** for the consolidated consent and authorization (CC & A) of this Board under the provisions / rules of the aforesaid Acts Consent & Authorization is hereby granted as under.

**CONSENT AND AUTHORISATION:**
(Under the provisions / rules of the afore said environmental acts)

**To,**
**M/s. Adani Ahmedabad International Airport Ltd,**
**(Old Name: M/s. Airport Authority of India),**
**Sardar Patel International Airport,**
**Ahmedabad – 388 009.**

1. **Consent Order No: AWH-145126 Date of Issue: 25/06/2025.**
2. The **Consolidated Consent and Authorization (CC&A)** of this Board under the provisions/rules of the aforesaid Acts. Consents & Authorization consents shall be valid up to **15/05/2030** for the operation of an international terminal building at SVPI Airport.

| Sr. No | Services (storage) | Facility |
|---|---|---|
| 1. | Jet Fuel (4 Tanks) | 8000 KL (Cap.2000 KL each) |

**SPECIFIC CONDITION:**

1. **Unit shall comply with ministry of Environment & Forests order no. 10-6/2006-IA-III Dated: 31.07.2006.**
2. **Unit shall comply with state level Environment Impact Assessment Authority, Gujarat order no. SEIA/GUJ/EC/7(a)/2694/2022 Dated: 11/11/2022.**
3. **Unit shall comply with the order of the Hon'ble High Court in the matter of writ petition no.PIL 98/2021 and PIL 110/2021.**
4. **unit shall obtain PESO permission.**
5. **Industry shall renew Petroleum and Explosives Safety Organization permission time to time and submit a copy of the same to this office.**
6. **Industry shall submit compliance of Manufacturing, Storage and Import of Hazardous Chemicals Rules – 1989 framed under the Environment (Protection) Act-1989 including site notification, onsite emergency plan & safety Audit report within a month.**
7. **No ground water shall be withdrawal without prior permission from CGWA as per Hon'ble NGT order.**

Outward No:8679...

8. **Industry shall obtain fresh water from valid source have permission of the competent authority.**
9. **Industry shall renew Public Liability Insurance Policy time to time & submit a copy of the same to this office.**
10. **Industry shall manage Solid Wastes generated from industrial activities as per Solid Waste Management Rules-2016 (solid waste as defined in Rule-3(46)).**

## 3.0 CONDITIONS UNDER THE WATER ACT:

**3.1** Source of water: **AMC + Bore well.**

**3.2** The quantity of industrial water consumption shall not exceed **810 KLD.**

**3.3** The quantity of domestic water consumption shall not exceed **1430 KLD. (Fresh: 1350 KLD, Reuse: 80 KLD).**

**3.4** The quantity of domestic effluent shall not exceed **1110 KLD.**

**3.5** Generated domestic waste water shall be treated in to adequate sewage treatment plant and after treatment treated sewage shall be reused from gardening, plantation, toilet, flushing and colling purpose confirming to following standards.

| Parameter | Standards |
|---|---|
| pH | 5.5-9.0 |
| BOD | 10 mg/l |
| COD | 50 mg/l |
| Total Nitrogen | 10 mg/l |
| Total phosphorous | 1 mg/l |
| Fecal Coliform (FC) (MPN/100 ml) | Desirable-100<br>Permissible--230 |

**3.6** There shall be no industrial waste water generation from manufacturing process.

**3.7** Flow meter shall be provided at the outlet line of the STP.

## 4.0 CONDITIONS UNDER THE AIR ACT:

4.1 The following shall be used as a fuel.

| Sr. No. | Fuel | Quantity |
|---|---|---|
| 1. | Diesel | 2.4 KL/Hr. |

4.2 The flue gas emission through stack attached to D.G.Set shall conform to the following standards:

| Stack No. | Stack attached to | Stack height | APCM | Parameter | Permissible Limit |
|---|---|---|---|---|---|
| 1. | D.G.Set (4 nos.) (1500 KVA) | 32 m | Acoustic enclosure | Particulate matter<br>$SO_2$<br>$NO_x$ | 150 mg/Nm$^3$<br>100 ppm<br>50 ppm |
| 2. | D.G.Set (stand by) (6 Nos.) (500 KVA) | 13. m | Acoustic enclosure | | |
| 3. | D.G.Set (stand by) (2 Nos.) (320 KVA) | 13 m | Acoustic enclosure | | |
| 4. | D.G.Set (stand by) (2 Nos.) (250 KVA) | 13 m | Acoustic enclosure | | |
| 5. | D.G.Set (stand by) (1 Nos.) (750 KVA) | 13 m | Acoustic enclosure | | |
| 6. | D.G.Set (stand by) (4 Nos.) (1500 KVA) | 12.5 m | Acoustic enclosure | | |
| 7. | D.G.Set (stand by) (1 Nos.) (9100 KVA) | 10 m | Acoustic enclosure | | |
| 8. | D.G.Set (stand by) (1 Nos.) (1250 KVA) | 12 m | Acoustic enclosure | | |
| 9. | D.G.Set (stand by) (1 Nos.) (82.5 KVA) | 03 m | Acoustic enclosure | | |
| 10. | D.G.Set (stand by) (2 Nos.) (2500 KVA) | 03 m | Acoustic enclosure | | |

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4.3 There shall be no Process emission from manufacturing process & other ancillary operation.

4.4 Stack monitoring facilities like port hole, platform/ladder etc., shall be provided with stacks/vents chimney in order to facilitate sampling of gases being emitted into the atmosphere.

4.5 concentration of the following parameters in the ambient air within the premises of the industry shall not exceed the limits specified hereunder as per National Ambient Air Quality Standards issued by MoEF & CC dated 18th November-2009.In addition to following parameters Industry shall also carry out AAQ monitoring of all other applicable parameter as per MOEF notification dated 18/11/2009 and submit the report to the Board.

| Sr. No. | Pollutant | Time Weighted Average | Concentration in Ambient air |
|---|---|---|---|
| 1. | Sulphur Dioxide ($SO_2$), µg/ $m^3$ | Annual<br>24 Hours | 50<br>80 |
| 2. | Nitrogen Dioxide ($NO_2$), µg/ $m^3$ | Annual<br>24 Hours | 40<br>80 |
| 3. | Particulate Matter<br>(Size less than 10 µm) OR PM10 µg/ $m^3$ | Annual<br>24 Hours | 60<br>100 |
| 4. | Particulate Matter (Size less than 2.5 µm)<br>OR PM 2.5 µg/$m^3$ | Annual<br>24 Hours | 40<br>60 |

4.6 **D.G. Sets Conditions:**

The D.G. Set shall have acoustic enclosure and shall comply with the standards specified at Sr. no. 95 of Schedule-I of the rule-3 of E.P. Rules -1986 and Noise pollution level as per the Air Act-1981.

**D.G. Sets standards:**

The flue gas emission through stack attached to D.G. Sets shall conform to the following standards.

a) The minimum height of stack to be provided with each of the generator set shall be H=h +0.2 (KVA) 1/2, where H= Total stack height in meter, h= height of the building in meters where or by the side of which the generator set is installed.

b) Noise from DG set shall be controlled by providing an acoustic enclosure or by treating the room acoustically, at the users end.

c) The acoustic enclosure or acoustic treatment of the room shall be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on the higher side (if the actual ambient noise is on the higher side, it may not be possible to check the performance of the acoustic enclosure/ acoustic treatment. Such circumstances the performance may be checked for noise reduction up to actual ambient noise level, preferably, in the night time). The measurement for insertion loss may be done at different points at 0.5 m from the acoustic enclosure/room, and the averaged.

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d) The D.G. Set shall be provided with proper exhaust muffler with insertion loss of minimum 25 dB (A).
e) All efforts shall be made to bring down the noise level due to the D.G. Set, outside the premises, within the ambient noise requirements by proper siting and control measures.
f) Installation of a D.G. Sets must be strictly in compliance with the recommendations of the D.G. Set manufacturer.
g) A proper routine and preventive maintenance procedure for the D.G. Set should be set and followed in consultation with the DG Set manufacture which would help prevent noise levels of the DG Set from deteriorating with use.

4.7 The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75dB(A) during day time and70 dB (A) during night time. Daytime is reckoned in between 6a.m. and10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.

4.8 The applicant shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection to/and for use of Board's staff. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1, S-2, etc. and these shall be painted /displayed to facilitate identification.

5.0 **Authorization under Rules 6(2) of Hazardous and other Wastes [Management & Transboundary Movement] Rules – 2016. [Form -2]**

Form for grant of authorization for occupier or operator handling Hazardous waste.

5.1 **Number of authorization: AWH-145126 Date of Issue: 25/06/2025.**

5.2 **M/s. Adani Ahmedabad International Airport Ltd (Old Name: M/s. Airport Authority of India),** is hereby granted an authorization based on the enclosed signed inspection report for generation, collection, treatment, storage, transport of hazardous waste on the premises situated **Sardar Patel International Airport, Ahmedabad – 388 009.**

| Sr. No | Hazardous Waste | Quantity | Schedule Category | Method of Disposal |
|---|---|---|---|---|
| 1. | Used Oil | 7 KL/yr | I – 5.1 | Collection, Storage, Transportation & disposed by selling to Registered recycler |
| 2. | Sludge & Filters contaminated with oil | 100 kg/yr | I-33.2 | Collection, Storage, Transportation & disposal by selling to registered recycler |
| 3. | Waste residue containing oil/oily rags | 510 kg/yr | I-37.3 | Collection, Storage, Transportation & disposal by co processing/ CHWIF site. |
| 4. | Discarded Drums | 100 Nos. (2 MT/yr) | I-33.1 | Collection, Storage, Transportation & disposal by selling to authorized decontamination facility. |

5.3 The authorization shall be valid upto **15/05/2030**.

5.4 The authorization is subject to the conditions stated below and such other conditions as may be specified in the rules from time to time under the Environment (Protection) Act-1986.

5.5 The authorization is granted to operate a facility for collection, storage within factory premises transportation and ultimate disposal of Hazardous wastes as per condition no.5.2 to the industry having valid CCA of this Board.

Outward No:8679 dated 18/06/2025 03:44:0 PM

5.6 **TERMS AND CONDITIONS OF AUTHORISATION**

1. The applicant shall comply with the provisions of the Environment (Protection) Act-1986 and the rules made there under.
2. The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the Gujarat Pollution Control Board.
3. The persons authorized shall not rent, lend, sell, and transfer or otherwise transport the hazardous wastes without obtaining prior permission of the Gujarat Pollution Control Board.
4. Any unauthorized change in personnel, equipment or working conditions as mentioned in the authorization order by the persons authorized shall constitute a beach of this authorization.
5. The person authorized shall implement Emergency Response Procedure (ERP) for which this authorization is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;
6. The person authorized shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Wastes and Penalty"
7. It is the duty of the authorized person to take prior permission of the Gujarat Pollution Control Board to close down the facility.
8. An application for the renewal of an authorization shall be made as laid down in rules 6(2) under Hazardous and Other Waste Rules, 2016.
9. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
10. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
11. The hazardous and other wastes which gets generated during recycling or reuse or recovery or pre-processing or utilization of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorization.
12. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
13. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
14. The waste generator shall be totally responsible for (i.e. collection, storage, transportation and ultimate disposal) the wastes generated.
15. Records of waste generation, its management and annual return shall be submitted to Gujarat Pollution Control Board in Form-4 by 30th day of June of every year for the preceding period April to March.
16. In case of any accident, details of the same shall be submitted on Form-11 to Gujarat Pollution Control Board.
17. As per "Public Liability Insurance Act-91" company shall get Insurance Policy, if applicable.

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18. Empty drums and containers of toxic and hazard material shall be treated as per guideline published for "Management & Handling of discarded containers". Records of the same shall be maintained and forwarded to Gujarat Pollution Control Board regularly.
19. In case of transport of hazardous wastes to a facility for (i.e. treatment, storage and disposal) existing in a State other than the State where hazardous wastes are generated, the occupier shall obtain 'No Objection Certificate' from the State Pollution Control Board or Committee of the concerned State of Union Territory Administration where the facility exists.
20. Unit shall take all concrete measures to show tangible results in waste generation, reduction, avoidance, reuse and recycle. Actions taken in this regard shall be submitted within three months and also along with Form-4.
21. Industry shall have to display the relevant information with regards to hazardous waste as indicated in the Hon. Supreme Court's Order in W.P. No.657 of 1995 dated 14th October, 2003.
22. Industry shall have to display on-line data outside the main factory gate with regard to quantity and nature of hazardous chemicals being handled in the plant, including wastewater and air emissions and solid hazardous wastes generated within the factory premises.

**6.0 SPECIFIC CONDITIONS:-**

6.1 The authorized actual user of hazardous and other wastes shall maintain records of hazardous and other wastes purchased in a passbook issued by the State Pollution Control Board along with the authorization.

6.2 Handling over of the hazardous and other wastes to the authorized actual user shall be only after making the entry in the passbook of the actual user.

6.3 In case of renewal of authorization, a self-certified compliance report in respect of effluent, emission standards and the conditions specified in the authorization for hazardous and other wastes shall be submitted to SPCB.

6.4 The occupier of the facility shall comply Standard operating procedure/guidelines published by MOEF&CC or CPCB or GPCB from time to time.

6.5 Unit shall comply provisions of E-Waste Management Rules-2016.

6.6 The disposal of Hazardous Waste shall be carried out as per the waste Management hierarchy.

6.7 The occupiers of facilities shall not store the hazardous and other wastes for a period not exceeding ninety days. Prior permission of the Board shall be obtained for extension of the storage period.

6.8 The occupier shall maintain the records of generation, sale, storage, transport, recycling, co processing and disposal of hazardous waste and make available during the inspection.

6.9 The transportation of the hazardous waste shall be carried out in GPS mounted dedicated vehicles.

**7 GENERAL CONDITIONS: -**

7.0 Any change in personnel, equipment or working conditions as mentioned in the consents form/order should immediately be intimated to this Board.

7.1 Applicant shall also comply with the general conditions given in annexure I.

7.2 Whenever due to accident or other unforeseen act or ever, such emissions occur or is apprehended to occur in excess of standards laid down such information shall be forthwith reported to Board, concerned Police Station, Office of Directorate of Health Service, Department of Explosives, Inspectorate of Factories and local body.

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7.3 In case of failure of pollution control equipments, the production process connected to it shall be stopped. Remedial actions/measures shall be implemented immediately to bring entire situation normal.

7.4 The Environmental Management Unit/Cell shall be setup to ensure implementation on and monitoring of environmental safeguards and other conditions stipulated by statutory authorities. The Environmental Management Cell/Unit shall directly report to the Chief Executive of the organization and shall work as a focal point for internalizing environmental issues. These cells/units also coordinate the exercise of environmental audit and preparation of environmental statements.

7.5 The Environmental audit shall be carried out yearly and the environmental statements pertaining to the previous year shall be submitting to this State Board latest by 30th September every year.

7.6 The Board reserves the right to review and/or revoke the consent and/or make variations in the conditions, which the Board deems, fit in accordance with Section 27 of the Act.

7.7 In case of change of ownership/management the name and address of the new owners/ partners/directors/proprietor should immediately be intimated to the Board.

7.8 Industry shall have to display the relevant information with regard to hazardous waste as indicated in the Hon. Supreme order in w.p. no. 657 of 1995 dated 14th October 2003.

**For and on behalf of**
**GUJARAT POLLUTION CONTROL BOARD**

**(T.C.Patel)**
**Unit Head**

**No. GPCB/ABD/AMC/CCA-519(6)/ID:10150/** **Date:**

**ISSUED TO:**
**M/s. Adani Ahmedabad International Airport Ltd,**
**(Old Name: M/s. Airport Authority of India),**
**Sardar Patel International Airport,**
**Ahmedabad – 388009.**

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Annexure A(ii)



## Annexure A(ii) STP analysis report summary

A new integrated Sewage Treatment Plant (STP) with a total capacity of 1,400 KLD has been installed at the airport. This includes the commissioning of a new 700 KLD STP utilizing advanced Membrane Bioreactor (MBR) technology, along with the upgradation of the existing 500 KLD STP to a 700 KLD MBR-based system. The adoption of MBR technology offers several significant environmental benefits:

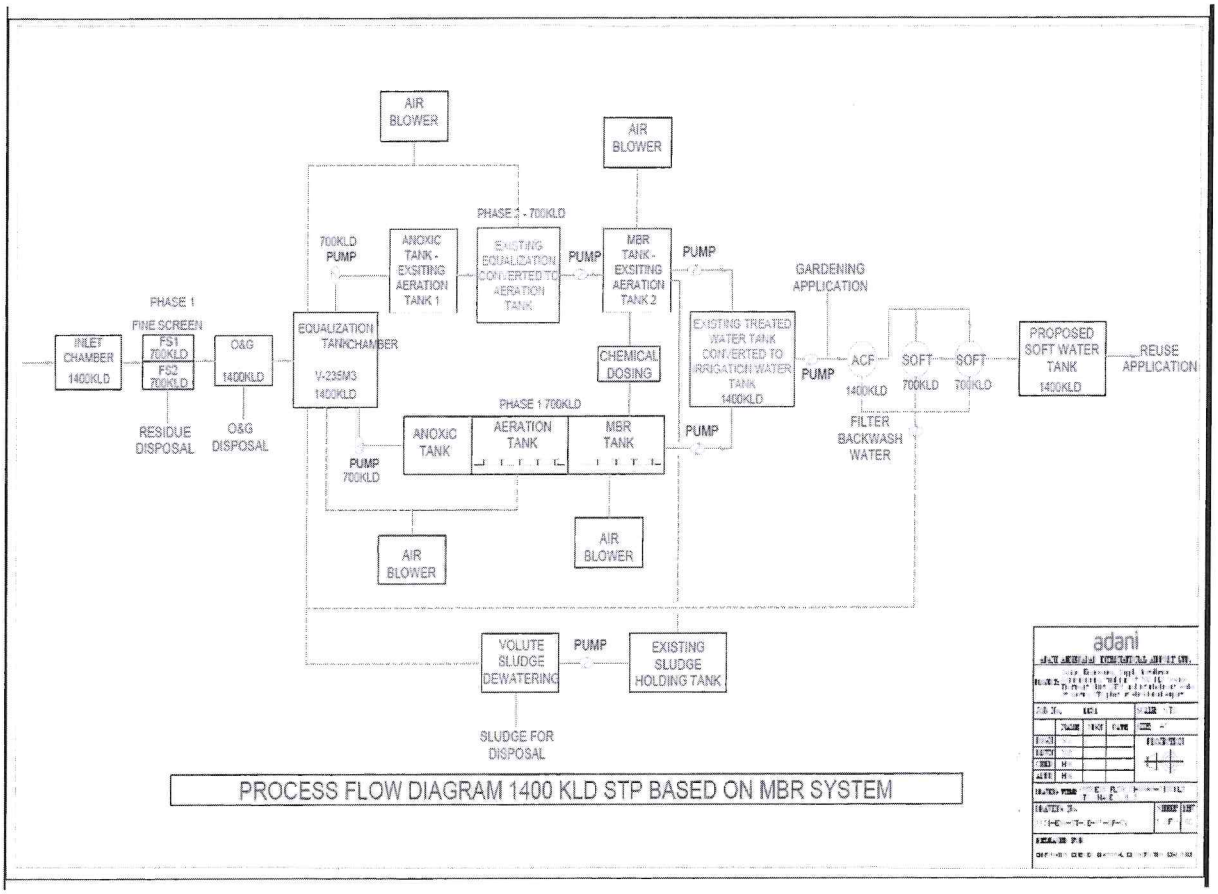
- **Superior Effluent Quality:** MBR systems produce high-quality treated water with very low levels of suspended solids, BOD, COD, and pathogens. This enables safe reuse of treated wastewater for gardening, cooling, and toilet flushing, reducing the demand for fresh water and supporting water conservation initiatives.
- **Enhanced Water Recycling:** The high-quality effluent from MBR allows for 100% recycling of treated water for non-potable uses, contributing to the airport's sustainability goals and reducing the environmental impact of wastewater discharge.
- **Reduced Sludge Generation:** MBR technology operates at higher mixed liquor suspended solids (MLSS) concentrations, resulting in lower sludge production and minimizing the burden of sludge disposal.
- **Lower Chemical and Energy Consumption:** Modern MBR systems are designed for efficient operation, often requiring less chemical dosing and energy for membrane cleaning and plant maintenance compared to traditional systems.
- **Support for Zero Liquid Discharge (ZLD):** By enabling near-complete recycling and reuse of wastewater, MBR technology supports the airport's vision of achieving zero liquid discharge outside the premises.

These features not only ensure compliance with regulatory standards but also align with the airport's broader environmental and sustainability commitments, such as water positivity, zero waste to landfill, and carbon neutrality.

Treated wastewater reuse in gardening, cooling, and 84,33 KLD is discharged to AMC drainage system as per CCA dated 01/12/2020. This treated sewage quantity discharge is considered only during monsoon season.

Treated wastewater reused in gardening, cooling, and toilet flushing

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




**Pre-treatment Unit**

Pre-treatment unit shall 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 shall be designed to handle max flow of 35 m3/hr. The fine screens shall be capable of removing most of the medium size floating materials of sizes more than 6 mm. Oil and grease chamber for removal of floating oil & grease.

**Equalization Tank**

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

**Rotary Drum Screens**

The sewage from equalization tank shall be pumped to 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 will be designed to handle normal flow of 35 m3/hr.

**Anoxic Tanks & Aeration Tanks**

The sewage from rotary drum screens shall be conveyed to biological treatment system. The design shall consist of biological trains/streams, each with anoxic tank, aerobic tank and a membrane tank. Each train shall be 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 shall overflow from the anoxic tanks to aeration tanks. Fine bubble diffusers shall be 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 shall be provided to supply oxygen to aeration tanks. Dissolved oxygen will be monitored in each aerobic tank.

**Membrane Tank**

The mixed liquor from aeration tanks shall be collected in membrane tanks consisting of submerged membrane modules. Clean water shall be withdrawn from the mixed liquor through the membranes using permeate pumps (2duty +1 standby) and shall be transferred to a treated water tank through ultraviolet disinfection system. Permeate / back pulse pumps shall be taken from the treated water tank for back pulsing and cleaning the membranes. The sludge from the membrane tank shall be recycled to anoxic tanks using two (1 Duty + 1 Standby) sludge transfer pumps. Waste sludge shall be transferred to a sludge holding tank.

**Irrigation Water Tank**

The clean water from the membrane tank shall be collected in the irrigation water tank. The treated water tank shall be provided. The treated water shall be 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 shall be stored in a sludge holding tank. The sludge shall be transferred to volute screw compactor for further dewatering using polyelectrolyte. The dewatered sludge from volute will be collected in bins and shall

be disposed off. The supernatant from volute will be routed to the inlet chamber of STP.

**Disinfection Units**

Biologically treated sewage from the MBR tanks shall be pumped to two (1 Duty + 1 Standby) ultraviolet systems (A-30082A/B) consisting of UV lamps for destruction of pathogens. Sodium hypochlorite solution shall be dosed in the treated water tank to maintain residual chlorine of 0.1 mg/l as per MoE 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 shall also be used for disinfection of treated sewage which shall be used for irrigation purposes. One dosing tank and one dosing pump will be provided for this purpose.
- Polyelectrolyte solutions shall be dosed into the sludge feed line leading to the volute to enhance de-watering of sludge. One dosing tanks and one dosing pumps will be provided for dosing of polyelectrolyte solution.

The Average inlet & outlet flow data & chemical consumption data of STP for the compliance period of **Oct 2025 to Mar 2026** is given below:

| **Avg. Inlet Flow** | **Outlet Flow** | **Chemical Consumption (Sodium hypo-chloride) (Liter per month)** |
|---|---|---|
| **(KLD)** | **(KLD)** | |
| 480 | 477 | ~190 |

**Note**: Inlet flow includes the Backwash flow data

Environment Monitoring is carried out regularly by MoEF&CC/ NABL approved laboratory. All the results are observed to be within permissible limits. The summary of STP treated water for the period **Oct 2025 to Mar 2026** is given below.
The detailed Environment Monitoring report covering analysis report for STP treated water for the compliance period of Oct 2025 to March 2026 is attached as **Annexure -A(ii)**.

| Parameter | Unit | Results | | Limits as per G.S.R. 1265(E) |
|---|---|---|---|---|
| | | Max | Min | |
| pH | -- | 7.90 | 7.50 | 6.5 - 9.0 |
| Total Suspended Solids | mg/L | 17 | 14 | < 20.0 |
| Biological Oxygen Demand at 27°C, 3 days | mg/L | 7.14 | < 4.00 | < 10 |
| COD (chemical oxygen demand) | mg/L | 28.00 | 12.24 | <50 |
| Fecal Coliform | MPN/ 100 ml | 120 | 17 | <230 |

Detailed monthly report is as below.

**STP OUTLET WASTEWATER QUALITY**

| Sr. No. | Parameters | Unit | Oct-25 | Nov-25 | Dec-25 | Jan-26 | Feb-26 | March-26 | Std Limits |
|---|---|---|---|---|---|---|---|---|---|
| 1 | pH | -- | 7.5 @ 25 ° C | 6.7 @ 25 ° C | 6.6 @ 25 ° C | 6.5 @ 25 ° C | 6.6 @ 25 ° C | 6.6 @ 25 ° C | 5.5-9.0 |
| 2 | Total Suspended Solids | mg/L | 16 | 12 | 14 | 18 | 16 | 12 | 20 |
| 3 | BOD @ 27°C for 3 Days | mg/L | 9.2 | BDL < 4 | BDL < 4 | 8.36 | 8.36 | BDL < 4 | 10 |
| 4 | Chemical Oxygen Demand | mg/L | 32 | BDL < 4 | BDL < 4 | 31.4 | 26.9 | 7.6 | 50 |
| 5 | Ammonical Nitrogen | mg/L | 7.95 | 7.16 | 6.38 | 6.5 | 6.72 | 7.61 | - |
| 6 | Total Phosphorus | mg/L | 0.58 | 0.69 | 0.71 | 0.79 | 0.81 | 0.59 | 1 |
| 7 | Total Nitrogen | mg/L | 9.71 | 9.85 | 9.22 | 9.8 | 9.6 | 9.2 | 10 |
| 8 | Fecal Coliform | No./100ml | 130 | 80 | 170 | 170 | 140 | 70 | 230 |

**Conclusion:**

The Grab Samples are collected from Terminal-1 Sewage Treatment Plant (STP) Outlet on a monthly Basis (One grab sample per month) and the Results of sample analyzed are in compliance with statutory Norms which are mentioned on the right side of the table.

Annexure A.1 (iii)

# AHMEDABAD MUNICIPAL CORPORATION

Water Project Department,
5th Floor, 'C'-Wing, Sardar Patel Bhavan, Danapith,
Ahmedabad- 380001. Tel. No. 079-25391611 to 079-25391660, Ext.:-459

Dt.31.08.2024

To,
Ahmedabad International Airport Ltd,
Terminal 1 Building, First Floor,
Sardar Vallabhbhai Patel International Airport,
Ahmedabad-382475

3309

WATER PROJECT
W. NO. 2455
DATE 02/09/2024

Subject: Water supply charges for New International Terminal building phases I & II at S.V.P.I Airport, Ahmedabad.

Dear Sir,

With reference to the above subject this is to inform you that the water charges for the water supplied to New International Terminal Building and Domestic Airport building (Arrival & Departure) by AMC for the period of **April-24 to June-24** on acual consumption basis is **Rs. 25,61,050/-**

You are requested to pay the amount of **Rs. 25,61,050/-**at the earliest by D.D. in favour of "MUNICIPAL COMMISSIONER AHMEDABAD".

Your request to increase water reservation from 500KLPD to 1000 KLPD has been accepted

Dy.City Engineer
(Water Project)

Copy To,

Chief Airport Officer,
Ahmedabad International,Airport
Adani Corporate House,Shantigram,
Near Vaishnodevi Circle, S.G.Highway, Khodiyar,
Ahmedabad-382421

Annexure A.2 (iii)

भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन, नदी विकास
और गंगा संरक्षण विभाग
केन्द्रीय भूमि जल प्राधिकरण
Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation
Central Ground Water Authority

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)

## NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

| | | | |
|---|---|---|---|
| Project Name: | Adani Ahmedabad International Airport Ltd | | |
| Project Address: | Terminal-1, Svpi Airport Ahmedabad, Gujarat – 382475 | | |
| Town: | Ahmadabad (m Corp.) | Block: | Ahmadabad City |
| District: | Ahmadabad | State: | Gujarat |
| Pin Code: | | | |
| Communication Address: | Adani Ahmedabad International Airport Ltd, Terminal-1, Svpi Airport Ahmedabad, Gujarat, Ahmadabad City, Ahmadabad, Gujarat - 382475 | | |
| Address of CGWB Regional Office : | Central Ground Water Board West Central Region, Swami Narayan College, Building, Shah Alam Tolnaka, Ahmadabad, Gujarat - 380022 | | |

| | | | | | |
|---|---|---|---|---|---|
| 1. | **NOC No.:** | CGWA/NOC/INF/ORIG/2021/13482 | | | |
| 2. | Application No.: | 21-4/7725/GJ/INF/2021 | 3. | Category: (GWRE 2020) | Semi Critical |
| 4. | Project Status: | Existing Project | 5. | NOC Type: | New |
| 6. | **Valid from:** | 26/10/2021 | 7. | **Valid up to:** | 25/10/2026 |

8. Ground Water Abstraction Permitted:

| Fresh Water | | Saline Water | | Dewatering | | Total | |
|---|---|---|---|---|---|---|---|
| m³/day | m³/year | m³/day | m³/year | m³/day | m³/year | m³/day | m³/year |
| 100.00 | 36500.00 | | | | | | |

9. Details of ground water abstraction /Dewatering structures

| | Total Existing No.:9 | | | | | | Total Proposed No.:6 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DW | DCB | BW | TW | MP | MPu | DW | DCB | BW | TW | MP | MPu |
| Abstraction Structure* | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 |

*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit MPu-Mine Pumps

| | | |
|---|---|---|
| 10. | Ground Water Abstraction/Restoration Charges paid (Rs.): | 73000.00 |

| | | | | | |
|---|---|---|---|---|---|
| 11. | Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism | No. of Piezometers | Monitoring Mechanism | | |
| | | | Manual | DWLR** | DWLR With Telemetry |
| | **DWLR - Digital Water Level Recorder | 1 | 0 | 1 | 0 |

**(Compliance Conditions given overleaf)**

This is an auto generated document & need not to be signed.

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011
Phone: (011) 23383561 Fax: 23382651, 23386743
Website: cgwa-noc.gov.in

Annexure A (V)



## Annexure A(V)

## NOISE DATA ANALYSIS

Half Yearly Environmental monitoring during the month of **Oct 2025 to Mar 2026** consisted of collection and analysis of samples of various environmental attributes like

1. Ambient Noise Level Monitoring.
2. Flight path noise monitoring
3. Noise mapping and zone study as per G.S.R. 568(E) dated 18.06.2018

### 1. Ambient Noise Levels

Noise levels were measured in 4 locations at in that 2 locations are within Airport Premises, and 2 Locations are outside of the Airport for 24 hours monthly and the measured noise levels in day time and night time from **Oct 2025 – Mar 2026** are given below in **Table-1**

**TABLE-1**
**AMBIENT NOISE LEVEL MONITORING RESULTS**

| Sr. No. | Name of Locations | Noise Standards | | Oct-25 | | Nov-25 | | Dec-25 | | Jan-26 | | Feb-26 | | March-26 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Day | Night | L-Day | L-Night | L-Day | L-Night | L-Day | L-Night | L-Day | L-Night | L-Day | L-Night | L-Day | L-Night |
| 1 | T1 Arrival | 70 | 65 | 64 | 52 | 62 | 54 | 69 | 61 | 67 | 62 | 65 | 60 | 66 | 56 |
| 2 | Meghani Nagar | 65 | 55 | 62 | 54 | 64 | 52 | 63 | 52 | 62 | 51 | 63 | 53 | 63 | 50 |
| 3 | Nobel Nager | 55 | 45 | 53 | 42 | 51 | 44 | 51 | 44 | 53 | 43 | 51 | 42 | 51 | 43 |
| 4 | Airport Colony | 55 | 45 | 54 | 43 | 53 | 41 | 50 | 42 | 52 | 44 | 53 | 43 | 49 | 42 |

**Noise monitoring summery for ambient air Noise monitoring program**

| Location | GPCB Norms dB(A) | Noise Level in Day Time (dB(A) | | | | | |
|---|---|---|---|---|---|---|---|
| | | Oct-25 | Nov-25 | Dec-25 | Jan-26 | Feb-26 | Mar-26 |
| T1 Arrival | Noise Standards for Airport Zone (70) | 64 | 62 | 69 | 67 | 65 | 66 |
| Meghni nagar | Noise Standards for Commercial Zone(65) | 62 | 64 | 63 | 62 | 63 | 63 |
| Nobel nagar | Noise Standards for Residential Zone (55) | 53 | 51 | 51 | 53 | 51 | 51 |
| Airport colony | Noise Standards for Residential Zone (55) | 51 | 53 | 50 | 52 | 53 | 49 |
| Minimum | | 51 | 51 | 50 | 52 | 51 | 49 |
| Maximum | | 64 | 64 | 69 | 67 | 65 | 66 |
| Half Yearly average | | 57.5 | 57.5 | 58.25 | 58.5 | 58 | 57.25 |

| Location | GPCB | Noise Level in nighttime dB(A) | | | | | |
|---|---|---|---|---|---|---|---|
| | Norms dB(A) | Oct-25 | Nov-25 | Dec-25 | Jan-26 | Feb-26 | Mar-26 |
| T1 Arrival | Noise Standards for Airport Zone (65) | 52 | 54 | 61 | 62 | 60 | 56 |
| Meghni nagar | Noise Standards for Commercial Zone (55) | 54 | 52 | 52 | 51 | 53 | 50 |
| Nobel nagar | Noise Standards for Residential Zone (45) | 42 | 44 | 44 | 43 | 42 | 43 |
| Airport colony | Noise Standards for Residential Zone (45) | 43 | 41 | 42 | 44 | 43 | 42 |
| Minimum | | 42 | 41 | 42 | 43 | 42 | 42 |
| Maximum | | 54 | 54 | 61 | 62 | 60 | 56 |
| Half Yearly average | | 47.75 | 47.75 | 49.75 | 50 | 49.5 | 47.75 |

**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).

## 2.Flight Path Area Noise Levels Monitoring

We have Installed Sound Level meters in 3 designated locations to measure the Noise continuously for 7 days in each location to monitor the noise at nearest habitation about 250 and 500 meters respectively from the airport compound wall in either side of Runway to know the impact of Aeroplan takeoff and landing activities. And the Monitoring Results are presented in **Table No-2.1 to Table No-2.3**

**TABLE-2.1**

**FLIGHT PATH AREA NOISE LEVEL MONITORING RESULTS AT MEGANI NAGAR**

| **Location Code** | **FPN-1** | | | |
|---|---|---|---|---|
| **Name of the Location→** | **Megani Nagar** | | | |
| **GPS Coordinates** | **23° 3'45.92"N 72°37'5.57"E** | | | |
| **Distance from Airport compound wall in meters→** | **65** | | | |
| | **Results-d(B)A** | | | |
| **Date of Monitoring** | **L-Day** | **L-night** | **L-equivalent** | **Limit** |
| Day 01: - 01st December 2025 | 47.5 | 43.5 | 45.5 | 65 dB |
| Day02: - 02nd December 2025 | 48.2 | 44.5 | 46.3 | |
| Day03: - 05th December 2025 | 52.6 | 46.7 | 49.7 | |
| Day04: - 06th December 2025 | 53.2 | 44.5 | 48.9 | |
| Day05: - 08th December 2025 | 55.3 | 47.4 | 51.4 | |
| Day06: - 09th December 2025 | 53.1 | 44.8 | 49.0 | |
| Day07: - 12th December 2025 | 49.6 | 42.5 | 46.1 | |
| **Description of the Location:** Flight Path Noise monitoring location is selected on the basis of the area which comes under the path of Flight Movement during takeoff and landing. And this particular location is situated the south side of Airport Compound Wall at a distance of 65 meters and Area likely comes under commercial Zone. | | | | |

| **Location Code** | **FPN-1** | | | |
|---|---|---|---|---|
| **Name of the Location→** | **Megani Nagar** | | | |
| **GPS Coordinates** | **23° 3'45.92"N 72°37'5.57"E** | | | |
| **Distance from Airport compound wall in meters→** | **65** | | | |
| | **Results-d(B)A** | | | |
| **Date of Monitoring** | **L-Day** | **L-night** | **L-equivalent** | **Limit** |
| Day01: - 13th December 2025 | 53.7 | 44.8 | 49.3 | 65 dB |
| Day02: - 15th December 2025 | 50.2 | 43.3 | 46.8 | |
| Day03: - 16th December 2025 | 54.3 | 45.2 | 49.8 | |
| Day04: - 18th December 2025 | 53.1 | 43.5 | 48.3 | |
| Day05:- 19th December 2025 | 52.8 | 47.2 | 50.0 | |
| Day06: - 20th December 2025 | 55.1 | 43.2 | 49.2 | |
| Day07: - 22th December 2025 | 54.3 | 44.8 | 49.6 | |
| **Description of the Location:** Flight Path Noise monitoring location is selected on the basis of the area which comes under the path of Flight Movement during takeoff and landing. And this particular location is situated the south side of Airport Compound Wall at a distance of 65 meters and Area likely comes under commercial Zone. | | | | |

**TABLE-2.2**

**FLIGHT PATH AREA NOISE LEVEL MONITORING RESULTS AT MEGANI NAGAR**

| Location Code | FPN -2 | | | |
|---|---|---|---|---|
| Name of the Location→ | Megani Nagar | | | |
| GPS Coordinates | 23° 3'37.25"N 72°36'56.87"E | | | |
| Distance from Airport Compound Wall in meters→ | 430 | | | |
| | Results-d(B)A | | | |
| **Date of Monitoring** | **L-Day** | **L-night** | **L-equivalent** | **Limit** |
| Day01:- 23th December 2025 | 54.3 | 44.2 | 49.3 | 65 dB |
| Day02:- 24th December 2025 | 49.6 | 43.5 | 46.6 | |
| Day03:- 26th December 2025 | 50.4 | 44.8 | 47.6 | |
| Day04:- 27th December 2025 | 47.7 | 42.3 | 45.0 | |
| Day05:- 29th December 2025 | 53.8 | 45.4 | 49.6 | |
| Day06:- 30th December 2025 | 54.5 | 44.8 | 49.7 | |
| Day07:- 31st December 2025 | 49.8 | 43.6 | 46.7 | |

**Description of the Location:**

Flight Path Noise monitoring location is selected on the basis of the area which comes under the path of Flight Movement during takeoff and landing. And this particular location is situated the south side of Airport Compound Wall at a distance of 430 meters. And the area likely comes under commercial Zone.

| Location Code | FPN -2 | | | |
|---|---|---|---|---|
| Name of the Location→ | Megani Nagar | | | |
| GPS Coordinates | 23° 3'37.25"N 72°36'56.87"E | | | |
| Distance from Airport Compound Wall in meters→ | 430 | | | |
| | Results-d(B)A | | | |
| **Date of Monitoring** | **L-Day** | **L-night** | **L-equivalent** | **Limit** |
| Day 01:- 02nd March 2026 | 46.7 | 41.5 | 44.1 | 65 dB |
| Day 02:- 03rd March 2026 | 47.2 | 41.8 | 44.5 | |
| Day 03:- 05th March 2026 | 50.6 | 44.9 | 47.7 | |
| Day 04:- 06th March 2026 | 54.2 | 41.4 | 47.8 | |
| Day 05:- 07th March 2026 | 56.6 | 44.3 | 50.4 | |
| Day 06:- 09th March 2026 | 55.1 | 43.6 | 49.3 | |
| Day 07:- 10th March 2026 | 45.6 | 41.5 | 43.5 | |

**Description of the Location:**

Flight Path Noise monitoring location is selected on the basis of the area which comes under the path of Flight Movement during takeoff and landing. And this particular location is situated the south side of Airport Compound Wall at a distance of 430 meters. And the area is likely comes under commercial Zone.

**TABLE-2.3**

**FLIGHT PATH AREA NOISE LEVEL MONITORING RESULTS AT NANDIGRAM SOCIETY**

| Location Code | FPN -3 | | | |
|---|---|---|---|---|
| Name of the Location→ | Nandigram Society | | | |
| GPS Coordinates | 23° 5'44.34"N 72°39'16.41"E | | | |
| Distance from Airport Compound Wall in meters→ | 660 | | | |
| | Results-d(B)A | | | |
| Date of Monitoring | L-Day | L-night | L-equivalent | Limit |
| Day01:- 11th March 2026 | 51.2 | 42.8 | 47.0 | 65 dB |
| Day02:- 12th March 2026 | 51.2 | 44.6 | 47.9 | |
| Day03:- 13th March 2026 | 52.3 | 41.6 | 46.9 | |
| Day04:- 14th March 2026 | 50.3 | 44.1 | 47.2 | |
| Day05:- 16th March 2026 | 54.5 | 46.7 | 50.6 | |
| Day06:- 17th March 2026 | 55.5 | 42.6 | 49.0 | |
| Day07:- 18th March 2026 | 54.3 | 41.9 | 48.1 | |

**Description of the Location:**

Flight Path Noise monitoring location is selected on the basis of the area which comes under the path of Flight movement during takeoff and landing. And this particular location is situated on the North side of Airport compound Wall at a distance of 660 meters. And the area likely comes under commercial Zone.

| Location Code | FPN -3 | | | |
|---|---|---|---|---|
| Name of the Location→ | Nandigram Society | | | |
| GPS Coordinates | 23° 5'44.34"N 72°39'16.41"E | | | |
| Distance from Airport Compound Wall in meters→ | 660 | | | |
| | Results-d(B)A | | | |
| Date of Monitoring | L-Day | L-night | L-equivalent | Limit |
| Day01:- 19th March 2026 | 55.1 | 45.5 | 50.3 | 65 dB |
| Day02:- 20th March 2026 | 47.8 | 41.5 | 44.6 | |
| Day03:- 23th March 2026 | 52.2 | 40.8 | 46.5 | |
| Day04:- 24th March 2026 | 43.9 | 41.7 | 42.8 | |
| Day05:- 25th March 2026 | 51.3 | 44.6 | 47.9 | |
| Day06:- 26th March 2026 | 55.3 | 42.6 | 48.9 | |
| Day07:- 27st March 2026 | 48.8 | 41.9 | 45.3 | |

**Description of the Location:**

Flight Path Noise monitoring location is selected on the basis of the area which comes under the path of Flight movement during takeoff and landing. And this particular location is situated on the North side of Airport compound Wall at a distance of 660 meters. And the area likely comes under commercial Zone.

## NOISE MONITORING, MAPPING & ZONE STUDY CONDUCTED DURING- Dec 2024 as per GSR 568

### Ahmedabad International Airport Limited (AIAL) Noise mapping and noise zone Study

**Objective:** Conduct a noise mapping and noise zone study at Ahmedabad International Airport as per GSR 568 (E ) of MOEF&CC and submission of the report to DGCA

**Data Processing and analysis:** Utilized flight plan data for CY 2024, meteorological data, airport layout, and noise monitoring instruments meeting Class 1 standards (IEC 61672-1) for 7 days monitoring program in Dec 2024 and M/s. Anotec has used their software to create noise counters showing Lday and Lnight.

**Noise Monitoring:** Conducted at runway ends 05 and 23, including ADSB monitoring and flight track data.

**Noise Mapping:** Carried out in accordance with DGCA CAR section 10, CPCB, and MoEF gazette notification G.S.R. 568(E) dated 18.06.2018.

**Noise zone maps (results & validation):**

- Lday (average sound level from 0600-2200 hrs) and 62 dBA noise counter created
- Lnight (average sound level from 2200-0600 hrs). 57 dBA noise counter created

| Applicable Limits for airport Category | Limits in Leq [dB(A)] | |
|---|---|---|
| | Day Time* | Night time** |
| **Airport Zone (busy airport)** | 70 | 65 |

**Noise Lmax values :** Along with Noise zone, Noise Lmax values were calculated for Ahmedabad International Airport, showing Lmax values at two locations.

| Location point | City / Village | $L_{Amax}$, dB | Coordinates | |
|---|---|---|---|---|
| | | | Latitude | Longitude |
| **AMD_LAMAX_1** | Ghanshyam Nagar | 119.4 | 23°03'45.27"N | 72°37'07.95"E |
| **AMD_LAMAX_2** | Ambica Nagar | 111.9 | 23°05'46.71"N | 72°39'17.62"E |

**Boundary Noise Levels:** As per CPCB noise rules, Airport is considered as a industrial zone, the noise limits for industrial zone are still applicable, therefore boundary Noise levels of Ahmedabad airport was derived in dB A

| | $L_{day}$ | $L_{night}$ |
|---|---|---|
| **Boundary** | 64.9 | 63.4 |
| **Limit** | 75 | 70 |
| **Margin** | 10.1 | 6.6 |

**Conclusion:**

This study is as per the requirement of G.S.R. 568(E) dated 18.06.2018, The noise maps and noise zone of Ahmedabad airport are developed and presented to the Airport operations management. The soft copy of report has to be submitted to DGCA for approval. Once approval is received from DGCA, We shall publish the approved noise zone maps in our web site and also inform to the local building plan approval authority.

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Annexure A2(vi)



Annexure A2(vi)- Waste management

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.



Collection points at total 4 locations



Waste recovery with segrigation



MRF facility for waste recovery



OWC facility for food waste processing

Zero waste to landfill certification audit conducted with demonstrating compliance on waste management practices toward zero waste to landfill certification process and final result is platinum category rating with more than 99% waste diversion for five R principle of waste management and avoiding waste disposal to landfill disposal.
**AIAL announces a significant environmental milestone: the successful certification as a Zero Waste to Landfill (ZWL) Platinum—Class I Rated airport by the Confederation of Indian Industry (CII).**

Dedicated Solid Waste yard and ZWL certification process.








## Annexure B(iv) :

## MAJOR CSR ACTIVITIES















Key Messages disseminated through Mass awareness campaign on Air Safety




| S No. | Site | Thematic Area+ | Program | Activity Item Details |
|---|---|---|---|---|
| 1 | AMD | Education | Strengthening Public education infra | School bag distribution to students in Municipal schools (more than 1000 bags) |
| 2 | AMD | Community Health | Enhancing Access to primary Health care | With the help of agency: Vision Spring, New Delhi: community eye checkup and spectacles distribution to the taxi drivers. (targeted 1000 taxi drivers) And then community surrounding airport (1000 community) |
| 3 | AMD | Community Development | Need-based Community infrastructure | Awareness generation among mass regarding air safety issues (20 programs) |
| 4 | AMD | Climate Action | Water Conservation | Rainwater harvesting structure at Municipal schools at Meghani Nagar (2 RWH units) |

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Annexure B(vii)



Energy Saving and other sustainability Measures

In Sep 2023 some of the energy and water saving initiatives have been taken, and we are getting benefits of the same during monitoring period of October 2025 to March 2026.

Energy Saving and other sustainability Measures are as below:

- 135 water aerators installed at washroom area which resulted and expected saving of 1200-1500 KL water per month, which has potential for pumping and water saving.
- At terminal 1 and 2, all paper towels were phased out and only hand dryers are used. This is a sustainability initiative and paper & plastic saving initiative. Approximately, ~810 trees are saved yearly from being axed owing to replacement of Paper Towels. Reduction of plastic bags used for collection and disposal by 2.5 tons annually. This also resulted in potential Cost saving of ~INR 66 Lakh y-o-y related to paper towels purchases.
- Installed 1400 KW capacity solar panels to utilize renewable energy and to reduce the GHG emissions.
- The conventional lights have been replaced with LED lights in all the possible locations which has reduced the total energy consumption.
- We continue with the temperature of the Chillers is increased from 7°C to 11-12°C as part of maintenance & controlling the temperature inside the Terminal.
- Re-Engineering: The number of chillers at airport premises are reduced by combining the chiller lines of Arrival & Departure areas as part of energy conservation.
- Temperature Controllers are installed for AHU operations.
- VFD drive installed at STP blower and broken diffuser replaced, so that air and energy losses can be avoided.
- Air-condition in server rooms' is localized in place of centralized system to reduce energy consumption.
- Proactively controlled lighting systems are provided. The landside streetlights are made operational on timer basis according to the daylights.
- Sensitization of the team & continuous follow up is done for further improvising the Airport environmental & sustainability aspects.
- Timely maintenance of AHU's filters & coil, chillers, cooling towers is being carried out at AIAL. Regular monitoring is being carried out for the same.
- Four Electrical vehicles (e-vehicles- Follow me vehicle at air side) and Two EV Charging Stations at airside are introduced. Total 65% of our vehicle are now Evs

- Various plastic waste reduction drive performed. Exp. SUP free airport drive and assessment stopped using 200 ML PET bottle at airport lounge with replacement of water dispenser with 300 ML reusable glass. We have stopped using PET bottles in any meeting or conference with replacement of glass refillable bottles. Various awareness sessions organised with concessioner partners and with waste handlers for waste reductions incitive.

Solid Waste

AIAL is identifying and implementing sustainable waste management techniques which focuses on 5R (Reduce, Reprocess, Reuse, Recycle and Recover) principles.

Regular cleaning of roads by Mechanized Sweeping Machines.

Zero waste to landfill certification audit conducted with demonstrating compliance on waste management practices toward zero waste to landfill certification process and final result is platinum category ratting with more than 99% waste diversion for five R principle of waste management and avoiding waste disposal to landfill disposal.

Wastewater Treatment and Recycling

- Sewage Treatment Plant (STP) (technology: MBR - Membrane bio reactor) is provided for treating the entire sewage generated.

- New 700 KLD MBR based STP constructed and by 30 March 2025, the commissioning of the STP completed Now as STP upgradation program, AIAL's existing 500 KLD MBBR based STP has been modernized with 700 KLD MBR based STP. So AIAL'S integrated STP capacity will be 1400 KLD.

- The treated wastewater from the STP is utilized for gardening and horticulture activity within premises to conserve the freshwater consumption. 100 % water is being reuse/utilised within premises.

Carbon Emissions Inventory & Carbon Neutrality

- Airport carbon emission inventory has been carried out and targets are set for achieving operational net zero by FY 2029
- We have defined systems for developing annual emission inventory (greenhouse gas emissions) in line with ISO 14064 and ACA Level 4+ requirement, which is the highest-level of accreditation.
- Based on our baseline emissions and future projections, we have developed a detailed roadmap for achieving carbon neutrality and net zero status in accordance with ACA guidelines.

- Replacement of R22 refrigerant based AC units with Low GWP R32 refrigerant based BEE 5 Star Rated AC's
- We have already replaced all 273 CO2 fire extinguishers with clean agent type of fire extinguishers as move towards scope 1 emission reduction. All phased out CO2 extinguishers are under disposal program.
- Fleet electrification metrics show 38 out of 58 airport-owned vehicles (65%) converted to EVs, avoiding approximately 10,000 litres of diesel consumption annually, contributing to Scope-1 emission reduction.
- In the month of Dec 2024, we have carried out assessment as per water positive status study from TERI. Final report of water positive status received and implementation planned.
- AIAL has announces a significant environmental milestone: the successful certification as a Zero Waste to Landfill (ZWL) Platinum—Class I Rated airport by the Confederation of Indian Industry (CII).
- The certification validates SVPIA's outstanding waste diversion practices, with a diversion rate exceeding 99.9%. This achievement results from AIAL's comprehensive implementation of the 5R principles—Reduce, Reuse, Reprocess, Recycle, and Recover
- To enable sustained performance improvement, SVPIA has implemented a Unified Engineering Control & Command Center (UECCC), integrating HVAC systems, chillers, cooling towers, electrical distribution, lighting, solar generation, water systems, and critical utilities onto a single digital platform. UECCC enables real-time monitoring, centralized control, and performance benchmarking of energy-intensive assets, ensuring that efficiency gains from retrofits are continuously maintained and optimized. This digital backbone supports data-driven operations and measurable reductions in energy and resource consumption across the airport
- Renewable energy adoption progressed from ~6–7% electricity supply via rooftop solar to 100% green electricity procurement through open access from October 2025, enabling an estimated ~95% reduction in Scope-2 greenhouse gas emissions annually

Annexure A(vi)

CII-ITC Centre of Excellence
for Sustainable Development

Confederation of Indian Industry

# Certificate of Validation

## Zero Waste to Landfill Achievement

**Presented to**

## Sardar Vallabhbhai Patel International Airport

**Ahmedabad International Airport Ltd**
*At & Post –Hansol, Ahmedabad, Gujarat -380003*

This is to certify that **Sardar Vallabhbhai Patel International Airport, Ahmedabad** has successfully achieved the **Zero Waste to Landfill (ZWL) Platinum – Class I Rating** by demonstrating outstanding leadership in waste management practices through:

- *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.*
- *Sustained Commitment: Maintaining ongoing compliance through participation in annual surveillance audits to ensure conformance and adherence to ZWL principles.*

ZERO WASTE TO LANDFILL

FEDERATION OF INDIAN INDUSTRY CII NEW DELHI

**Seema Arora**
*Deputy Director General*
**Confederation of Indian Industry**

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**Certificate Issued on: 26th May 2025** **Certificate No.: CII/ZWL/2025/002**

Validity of Certification: *From 22 February 2025 to 21 February 2028*

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This certification is awarded based on the evidence submitted and verified during the assessment period. The certified organization bears sole responsibility for the accuracy of submitted data and for maintaining ongoing compliance. For detailed terms of certification, audit findings, and evaluation methodology, please refer to the attached Annexure.

# Annexure

**Verification Date:** 20th –21st February 2025

**Verification Report No.:** ZWL/Verification/2025/AIAL/SVPIA

The CII-ITC Centre of Excellence for Sustainable Development (CII-CESD) was engaged by Ahmedabad International Airport Ltd (AIAL), Hansol, Ahmedabad, Gujrat-380003 to provide assurance of their Zero Waste to Landfill (ZWL) practices.

## Intended users

The intended users of this assurance statement are the management and stakeholders of Ahmedabad International Airport Ltd (AIAL). CII-CESD's responsibility was limited to the ZWL assessment and verification of applicable documentation, monitored data, and observations from the site visit, in accordance with the agreed scope of work. This engagement is based on the assumption that the information and data provided by the client are authentic, accurate, and complete.

## Responsibilities of AIAL and the Assurance Provider

AIAL is solely responsible for the content and accuracy of the ZWL Report and related data. CII-CESD's assurance statement represents an independent and balanced opinion based on the information provided by AIAL.

## Assurance standard

The assurance was conducted in accordance with AA1000 Assurance Standard (AA1000AS v3), Type 1, Moderate Level of Assurance, evaluating adherence to the AA1000 Accountability Principles Standard (AA1000APS 2018), namely: Inclusivity, Materiality, Responsiveness and Impact

## Methodology

The assurance process involved both a desktop assessment and an on-site verification, including:

- Review of documentation and records
- Verification of waste management data
- Site inspections
- Interviews with EHS team members, waste handlers, and personnel involved in waste management

A risk-based approach was adopted, focusing on critical waste streams from generation to end-of-life. Activities included:

- Review of processes for waste mapping and identification

- Assessment of systems for data collection, consolidation, and monitoring
- Interviews with EHS and operations personnel
- Evaluation of adherence to AA1000APS principles
- Examination of landfill diversion rate calculation methodologies
- Review of waste management practices and records up to the supply chain vendors
- Verification of legal compliance documentation for waste handling

**Scope and Limitations**

The verification was based on the procedures, documents, records, data provided by the client, desktop assessment and site visits. Meetings, clarifications from the client through con calls. The boundary is as set out in the report covering Zero Waste to Landfill activities including the Waste Diversion Rate of AIAL. During the assurance process, we did not come across limitations to the scope of the agreed assurance engagement. As part of this assurance engagement, M/s Sharda Enterprise was also interviewed. This statement relates specifically to the information disclosed in the ZWL Report and may not be interpreted as validating environmental data reporting in other sources.

**ZWL Rating Criteria**

***Rating Criteria Based on Waste Diversion Rate***

| Certificate Category | Waste Diversion Rate |
|---|---|
| **Platinum** | > 99 % diversion |
| **Gold** | > 95 % diversion |
| **Silver** | > 90 % diversion |

***Special Recognition: 5R Metrics Performance***

| Special Recognition Class | Diversion through 5 R's (Reduce, Reuse, Repurpose, Recycle, Recover) |
|---|---|
| **Class I** | > 70 % |
| **Class II** | > 50 % |
| **Class III** | > 30 % |
| **Class IV** | Up to 30 % |

**Findings, Conclusions, and Recommendations**

The ZWL assessment at **SVPIA, Ahmedabad** was conducted on **20th and 21st February 2025** through a combination of desktop review and on-site verification. The assessment confirmed that SVPIA, Ahmedabad has implemented effective waste management practices and achieved a landfill diversion rate greater than 99.9%. Over 99.9% of waste generated for waste streams including municipal solid waste (MSW dry and wet), plastic waste, e-waste, and battery waste, hazardous waste and C&D waste have been diverted through principles like reuse, recycling, repurpose and recovery.

The submitted documentation and site observations support the conclusion that the report accurately reflects ZWL practices of SVPIA, Ahmedabad. These practices meet the criteria for Type-1, Moderate Assurance as per the AA1000 Assurance Standard (AA1000AS). The SVPIA, Ahmedabad is therefore recommended for Platinum Certification under Class I of the ZWL Rating System.

*Positive Observations*

- Strong leadership and commitment from top management.
- A dedicated EHS team effectively manages waste handling and monitoring.
- Demonstrated reduction in the quantity of hazardous waste, MSW (wet), plastic waste, and construction & demolition (C&D) waste generated, compared to the baseline year 2023–2024.
- Key measures were undertaken to reduce paper, plastic, and collection bag waste from airport operations including the implementation of DigiYatra, installation of hand dryers, and phase-out of PET bottles.
- Well-structured on-site systems for waste storage, labelling, segregation and transport for processing.

*Recommendations*

1. Ensure traceability of waste handled by off-site vendors through end-of-life tracking.
2. Secure vendor declarations confirming no landfill disposal of residual by-products post-processing.
3. Implement source reduction initiatives, such as biodegradable packaging and digital documentation to minimize the consumption of paper cardboard and cartons.
4. Identify opportunities to reduce metal waste and engage vendors for potential repurposing and reuse within SVPIA premises.
5. Make plan for C&D waste processing to manage future volumes from repair and construction.

**Validity and Terms**

- **Initial Certification Validity:** 22nd February 2025 to 21st February 2028
- **Surveillance Requirement:** Annual surveillance audits are required to maintain certification status.
- **Non-Compliance:** CII-CESD reserves the right to revoke certification if significant deviations or non-conformances are identified.

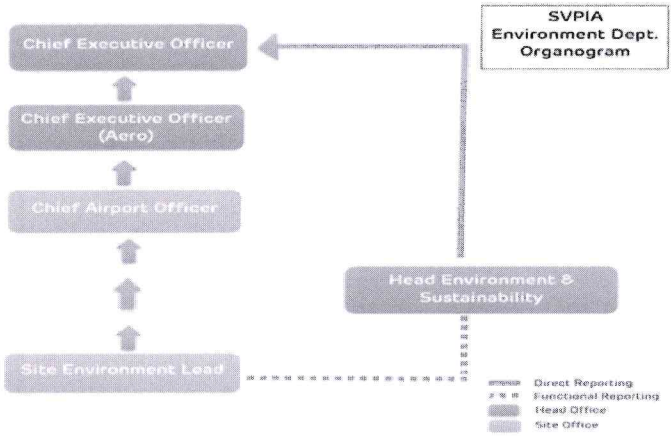
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Annexure B(viii)



## Annexure B(viii) Environment management cell.

Site is having Head Environment to take care of Environment related functions. He reports to head environment corporate AAHL and parallel report to chief airport officer at site for any administrative and technical developments and these both reporting managers are directly reports to the top management.




Site Environment Head is MSC Environment science and having more than 20 years of experience in the field of environment respectively.

Annexure B(x)



**Annexure B(X)**

**Cost of Environmental Protection Measures of AIAL, Ahmedabad**

| Activity | Cost incurred (INR in Lacs) |
|---|---|
| Cost 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. | Oct 25 to Mar 26- **Total: ~ 656 Lakh for the monitoring period** |

| **Cost of Environmental Protection Measures of AIAL, Ahmedabad (FY 2025-26) Oct 2025 to March 2026** | |
|---|---|
| **Cost of Environmental Protection** | **OPEX/CAPEX (INR)** |
| Environmental Operations (Envi. monitoring/legal fees) | 5389299 |
| Horticulture /greenbelt development and maintenance cost | 19483909 |
| Wildlife and biodiversity initiative and management | 24000000 |
| Fire and safety protection and operations | 354427 |
| Waste water management: STP operations | 800000 |
| IMS and Five S implementation | 400000 |
| **Other Sustainability projects /energy efficacy improvement** | |
| Upgradation of Chiller, LED Lights, Replacement of Air Conditioning System, STP pipeline network, AHU system, Digitalization | 128,50,215 |
| EV vehicle purchase | 24,00,000 |
| **Cost of Environmental Protection Measures (FY 2025-26)** | |
| **(In lakh)** | **656** |

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Annexure B (xv)



| Your (Half Yearly Compliance Report) has been Submitted with following details | |
|---|---|
| **Proposal No** | AAI/NAD/AHM/W-26/ENGG(C)/298 |
| **Compliance ID** | 688842178 |
| **Compliance Number(For Tracking)** | EC/M/COMPLIANCE/688842178/2025 |
| **Reporting Year** | 2025 |
| **Reporting Period** | 01 Dec(01 Apr - 30 Sep) |
| **Submission Date** | 29-11-2025 |
| **RO/SRO Name** | Dr G Trinadh Kumar |
| **RO/SRO Email** | agmu174.ifs@nic.in |
| **State** | GUJARAT |
| **RO/SRO Office Address** | Integrated Regional Offices, Gandhi Nagar |
| Note:- SMS and E-Mail has been sent to Dr G Trinadh Kumar, GUJARAT with Notification to Project Proponent. | |