Half Yearly Compliance Report

Sardar Vallabhbhai Patel International Airport
Ahmedabad

By:

Ahmedabad International Airport Ltd

Compliance Period:
Apr 2023 to Sept 2023

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 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 **April 2023** to **September 2023**.

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, Khodlyar
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 84.33m^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.

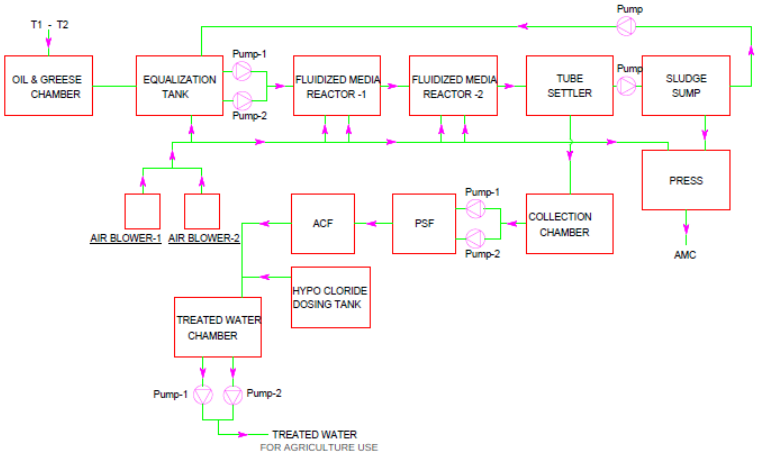
Copy to:

(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 is given below:

Sr. No.	Conditions	Compliance Status as of Sept 2023
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** 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. Construction activity has already been completed and presently the project is under operation Phase. The consent letters of GPCB are attached in **Annexure-1**. (NOC copy)

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** 500 KLD STP (Fluidized Media Reactor) was installed and is in operation to treat the wastewater from the entire airport operations. The Treated wastewater is used for Horticulture purpose. FLOW CHART OF 500 KLD SEWAGE TREATMENT PLANT  Process description – STP The STP treatment scheme consists of Physical, Biological and Tertiary treatment processes. The domestic sewage shall enter screen chamber and then send to equalisation tank. Then the sewage is sent to Fluidized Media Reactor (FMR) using submersible pumps. Biological treatment is carried out in Fluidized Media Reactor (FMR). The treated water from FMR is sent for tertiary treatment. Sludge from FMR is transferred to Filter Press. Multi grade sand filters and Activated Carbon Filters are provided in the tertiary treatment.

Sr. No.	Conditions	Compliance Status as of Sept 2023

The Average inlet & outlet flow data & chemical consumption data of STP for the compliance period of Apr 2023 to Sept 2023 is given below:

Avg. Inlet Flow (KLD)	Outlet Flow (KLD)	Chemical Consumption (Sodium hypo-chloride) (Liter per month)
239	236	40

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 Apr 2023 to Sept 2023 is given below.

The detailed Environment Monitoring report covering analysis report for STP treated water for the compliance period of Apr 2023 to Sept 2023 is attached as **Annexure -A(ii)**.

Parameter	Unit	Results		Limits as per G.S.R. 1265(E)
		Max	Min	
pH	--	7.9	6.8	6.5 - 9.0
Total Suspended Solids	mg/L	18	12	< 30.0
Biological Oxygen Demand at 27°C, 3 days	mg/L	9.8	6.8	< 20
COD (chemical oxygen demand)	mg/L	31	20	<50
Fecal Coliform	MPN/ 100 ml	46	13	<230

Sr. No.	Conditions	Compliance Status as of Sept 2023
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.	**Complied** SVPIA had signed an agreement with Ahmedabad Municipal Corporation for supplying of water. The copy of agreement and water bills are given in **Annexure-A.1 (iii)**.1. The ground water NOC from CGWA is attached as **Annexure A.2(iii).**
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** Construction activity has already been completed and presently the project is under operation Phase. 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.

<table>
<tr>
<td>v.</td>
<td>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.</td>
<td>
Complied

Following Noise control and mitigation measures are adopted at the site:

• Standard instrument arrival & departure procedure is implemented to minimize the noise levels of aircrafts
• Pilots are advised to carry out Continuous Descant approach
• Control on the vehicular noise level by maintaining speed & vehicle conditions
• DG sets are provided with acoustic enclosures & muffs

Details of the standby DG sets with capacity area as under.

<table>
<tr><th>Sr. No</th><th>DG Set Capacity</th><th>Location of DG Installed</th></tr>
<tr><td>01</td><td>DG Set-1 1500 KVA</td><td rowspan="4">Terminal-2 Sub station</td></tr>
<tr><td>02</td><td>DG Set-2 1500 KVA</td></tr>
<tr><td>03</td><td>DG Set-3 1500 KVA</td></tr>
<tr><td>04</td><td>DG Set-4 1500 KVA</td></tr>
<tr><td>05</td><td>DG Set-1 500 KVA</td><td rowspan="6">Terminal-1 Power House</td></tr>
<tr><td>06</td><td>DG Set-2 500 KVA</td></tr>
<tr><td>07</td><td>DG Set-3 500 KVA</td></tr>
<tr><td>08</td><td>DG Set-4 500 KVA</td></tr>
<tr><td>09</td><td>DG Set-5 500 KVA</td></tr>
<tr><td>10</td><td>DG Set-6 500 KVA</td></tr>
<tr><td>11</td><td>DG Set-1 320 KVA</td><td rowspan="2">Terminal-3 Power House</td></tr>
<tr><td>12</td><td>DG Set-2 320 KVA</td></tr>
<tr><td>13</td><td>DG Set-1 250 KVA</td><td rowspan="2">T-4 RADAR Apron Area</td></tr>
<tr><td>14</td><td>DG Set-2 250 KVA</td></tr>
<tr><td>15</td><td>DG Set- 750 KVA</td><td>Airside of T2</td></tr>
</table>

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.

In addition, continuous online noise monitoring station has been installed at 2 locations (both ends of the runway).
</td>
</tr>
</table>



Photo of continuous noise monitoring at Runway End

The summary of ambient Environment Monitoring report, covering noise monitoring report for the compliance period Apr 2023 to Sept 2023 and flight path noise levels for the period Apr 2023 to Sept 2023 are attached as **Annexure A(v)**.

Locations Name	Duration	Unit	Max	Min	Perm. Limit
Ambient Noise Levels					
ANQ1 (Airport Zone)	Day Time	dB (A)	68	65	70
	Night Time	dB (A)	64	49	65
ANQ2 (Commercial zone)	Day Time	dB (A)	64	53	65
	Night Time	dB (A)	53	49	55
ANQ3 (Resi Zone)	Day Time	dB (A)	52	49	55
	Night Time	dB (A)	43	41	45
ANQ4 (Resi Zone)	Day Time	dB (A)	53	50	55
	Night Time	dB (A)	43	40	45

Results at all locations have been observed within the prescribed norms.

Data is submitted to State Pollution Control Board, along with other regulatory authorities, as a part of Half yearly compliance reports and during annul statement in Form-5.

<table>
<tr>
<td>vi.</td>
<td>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.</td>
<td>
Complied

As a part of AIAL operation, an effective solid waste management plan has been implemented at site.

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 centralised waste segregation shed, wherein waste is segregated into different categories such as recyclables and further handled in line to 5R principles.

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

M/s. Sharda Enterprises is implementing Solid waste management at site. Details of solid waste generated during the compliance period of Apr 2023 to Sept 2023 is given below.
Other Metal waste directly disposed by AIAL to recycler also included in recyclable waste data as below.
<table>
<tr><th rowspan="2">Month</th><th>Recyclable Waste</th><th>Food Waste (Composter)</th></tr>
<tr><th>(kg)</th><th>(kg)</th></tr>
<tr><td>Apr-23</td><td>23670</td><td>2387</td></tr>
<tr><td>May-23</td><td>11452</td><td>2440</td></tr>
<tr><td>June-23</td><td>14010</td><td>12058</td></tr>
<tr><td>Jul-23</td><td>63938</td><td>12375</td></tr>
<tr><td>Aug-23</td><td>53941</td><td>12280</td></tr>
<tr><td>Sept-23</td><td>21793</td><td>11825</td></tr>
</table>

Entire recyclable waste is segregated & recycled. Food waste is being composted in Composter machine in the premises.
</td>
</tr>
</table>

Sr. No.	Conditions	Compliance Status as of Sept 2023
		  

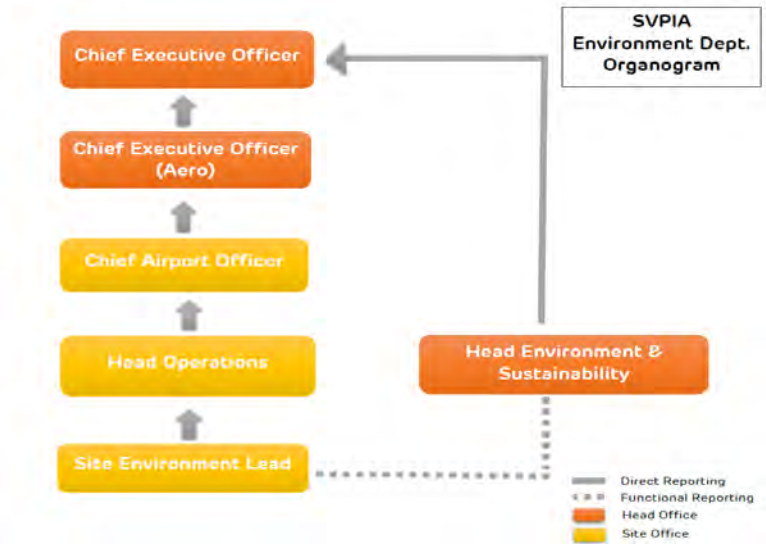
Sr. No.	Conditions	Compliance Status as of Sept 2023
B. General Conditions		
i.	Construction of the proposed structure should be undertaken meticulously conforming to the existing Central/ local rules. All the construction designs/ drawings relating to the proposed construction activities must have approvals of the concerned State Government Departments/ Agencies.	**Condition is not applicable** Construction activity has already been completed and presently the project is under operation Phase. All the proposed construction activities shall be undertaken conforming to the existing central as well as local rules. The details of proposed construction activities and master plan details are attached as **Annexure-B(i)**.
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** 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** Refer point no. ii above

Sr. No.	Conditions	Compliance Status as of Sept 2023
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.	**Point Noted** AIAL has started the commercial operation of the airport from October 2020, the appropriate measures as part of corporate responsibility will be undertaken based on need assessment and in compliance to the applicable regulations. CSR activities will be carried out through Adani Foundation in the field of Education, Health, Sustainable Livelihood, Community Infrastructure. AIAL has planned to conduct few medical camps and sustainable livelihood activities during 4th quarter of FY23-24. The details of Blood donation camps organised at AIAL as part of CSR activity is attached as **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** Construction activity has already been completed and presently the project is under operation Phase.

Sr. No.	Conditions	Compliance Status as of Sept 2023
vi.	For employing unskilled, semi-skilled and skilled workers for the project, preference shall be given local people.	**Complied** The airport operation requires high level of expertise to ensure safe flight operations, highly skilled & technical personnel are being recruited inline to the requirements. As part of the Concession Agreement, the existing manpower is continued for 3 years (till Nov 2023). However, for supportive services, like project activities, Housekeeping, Administration, STP operation, Horticulture, Utility operation etc, local people (semiskilled) are preferred. Currently, 905 workers out of total 1008 contract workers 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** <u>Energy Saving and other sustainability Measures</u> • 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. (see the attached **Annexure B(vii)-1** • 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 (see the attached **Annexure B(vii)-2).** 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. • Solar panels are proposed for streetlights.

		• 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. <u>Solid Waste</u> 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. <u>Wastewater Treatment and Recycling</u> • Sewage Treatment Plant (STP) (Fluidized Media Reactor) is provided for treating the entire sewage generated. • The treated wastewater from the STP is utilized for gardening and horticulture activity within premises to conserve the fresh water consumption. <u>Carbon Emissions Inventory & Carbon Neutrality</u> • Airport carbon emission inventory has been carried out and targets are set for achieving Carbon Neutrality of airport operations by FY2025 and net zero by 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. We have also targeted to **ACA Level 4 + Accreditation** by 2025 • Based on our baseline emissions and future projections, we have developed a detailed roadmap

Sr. No.	Conditions	Compliance Status as of Sept 2023
		for achieving carbon neutrality and net zero status in accordance with ACA guidelines. • Replacement of R22 refrigerant based AC units with better R32 refrigerant based BEE 5 Star Rated AC's • Transition to 100% use of Green Electricity by 2026 • Zero Waste to Landfill certification by 2026 • And water positive by 2027. Detailed Environment Management Practices as implemented by AIAL is annexed as **Annexure-EMP**
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** Site is having Head Environment to take care of Environment related functions. He reports to Head Operations and further reporting to Chief Airport Officer who directly reports to the top management.  Corporate Head Environment & Sustainability and Site Environment Head are M.Tech in Environmental Engineering and are having 25 and 22 years of experience in the field of environment respectively. In addition, one more Environment manager having more that 18 years of experience appointed to support the all the EMP and ESG activities. **Annexure B (viii)**

Sr. No.	Conditions	Compliance Status as of Sept 2023
ix.	The project affected people, if any should be properly compensated and rehabilitated.	**Condition is Not Applicable**
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** Separate budget for the Environment protection measures is earmarked. 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. An amount of INR 102.36 Lakh has been spent for environmental management measures (Environment Monitoring, Wastewater Treatment, Solid Waste Management, Horticulture development etc) during the compliance period of April 2023 to Sept 2024. 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** 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.

Sr. No.	Conditions	Compliance Status as of Sept 2023
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** 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 Feb 2020, for operation, maintenance, management and development of SVPI Airport, Ahmedabad. The MoEF-EC has been transferred to Adani Ahmedabad International Airport Limited (AAIAL) vide MoEF orders dated 17th June 2021 and further amended vide dtd. 26th November 2021. Later, owing to the name change of airport operator from 'Adani Ahmedabad International Airport Ltd' to 'Ahmedabad International Airport Ltd', the name change in EC approval obtained from MoEF vide order dated 16th February 2022.
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 Sept 2023</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

Details of previous compliance reports submitted is given below:

<table>
<tr><th>Sr. No.</th><th>Compliance period</th><th>Date of submittal</th></tr>
<tr><td>1</td><td>Oct 2022 to March 2023 Online portal</td><td>31st May 2023</td></tr>
<tr><td>2</td><td>April 2022 to Sep 2022</td><td>1st Dec 2022</td></tr>
<tr><td>3</td><td>Oct 2021 to Mar 2022</td><td>2nd May 2022</td></tr>
<tr><td>4</td><td>Apr 2021 to Sept 2021</td><td>26th Nov 2021 & 8th Dec 2021</td></tr>
<tr><td>5</td><td>Oct 2020 to Mar 2021</td><td>29th May 2021</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

Construction activity has already been completed and presently the project is under operation Phase.

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>

LIST OF ANNEXUES

Sr. No	ANNEXURE	PARTICULAR
1	Annexure A(ii)	STP analysis report summery
2	Annexure A(v)	Nosie monitoring data
3	Annexure A.1(iii)	CGWA permissions
4	Annexure A.2(iii)	AMC permissions for Water supply
5	Annexure A2(iii)	AMC water charges bill set
6	Annexure B (i)	proposed expansion activity and master plan
7	Annexure B (iv)	CSR Details - Blood Donation 2023
8	Annexure B (vii)	EMP 1- Airport Awards_Presentation_01Sep23 AMD
9	Annexure B (vii)	EMP 2 Water aerator implementation Sep 2023
10	Annexure B (viii)	EM cell
11	Annexure B (vx)	Compliance Report Submitted to Portal - Oct to Mar23
12	Annexure B (x)	Env and sustainability expenditure sheet
13	Annexure - EMP	EMP - As implemented by AIAL
14	Annexure-ERP	ERP- Emergency response plan

ANNEXURE A(II)

STP ANALYSIS REPORT

ANNEXURE A(II) STP ANALYSIS REPORT

adani™	**Half Yearly Environmental Monitoring Report for Adani Ahmedabad International Airport Limited.,**
	April 2023 - Sept 2023

STP OUTLET WASTEWATER QUALITY

Sr. No.	Parameters	Unit	April-23	May-23	Jun-23	July-23	Aug-23	Sept-23	GPCB Limit
1	pH	--	7.9 @ 25 ° C	7.3 @ 25 ° C	7.6 @ 25 ° C	7.6 @ 25 ° C	6.8 @ 25 ° C	6.8 @ 25 ° C	5.5-9.0
2	Total Suspended Solids	mg/L	16	18	12	14	12	16	20
3	BOD @ 27°C for 3 Days	mg/L	8.1	9.84	9.1	6.80	6.86	9.33	10
4	COD	mg/L	29.8	31.2	28.5	20	29.6	30	50
5	Ammoniacal Nitrogen	mg/L	BDL<5	BDL<5	BDL<5	BDL<5	BDL<5	5.15	-
6	Total Nitrogen	mg/L	BDL<5	BDL<5	BDL<5	5.9	5.7	8.9	10
7	Total Phosphorus	mg/L	0.27	0.32	0.43	0.43	0.19	0.28	1
8	Faecal Coliform	No./100ml	31	33	46	13	17	21	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 complying with statutory Norms.

ANNEXURE A(V)

NOSIE MONITORING DATA

NOISE DATA ANALYSIS

Half Yearly Environmental monitoring during month of **April-2023- Sept-2023** consisted of collection and analysis of samples of various environmental attributes like

1. Ambient Noise Level Monitoring;
2. DG Noise Monitoring within Airport Premises;
3. Flight path noise monitoring

1. Ambient Noise Levels

Noise levels were measured in 4 locations at in that 2 locations are within Airport Premises and 2 Locations are at outside of the Airport for 24 hours on monthly basis and the measured noise levels in day time and night time from **April 2023 - Sept 2023** are given below in **Table-1**

TABLE-1
AMBIENT NOISE LEVEL MONITORING RESULTS

Sr. No.	Name of Locations	Noise Standards		April-23		May-23		June-23		July-23		Aug-23		Sept-23	
		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	65	60	67	62	68	63	67	64	68	62	67	63
2	Meghani Nagar	65	55	61	49	60	50	64	52	62	53	62	51	63	52
3	Nobel Nager	55	45	49	43	52	41	51	42	51	43	50	42	52	42
4	Airport Colony	55	45	51	43	50	42	53	40	50	41	52	40	50	41

Location	GPCB Norms dB(A)	Noise Level in DAY TIME (dB(A))					
		Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
T1 Arrival	Noise Standards for Airport Zone (70)	65	67	68	67	68	67
Meghni nagar	Noise Standards for Commercial Zone(65)	61	60	64	62	62	63
Nobel nagar	Noise Standards for Residential Zone (55)	49	52	51	51	50	52
Airport colony	Noise Standards for Residential Zone (55)	51	50	53	50	52	50
Minimum		49	50	51	50	50	50
Maximum		65	67	68	67	68	67
Half Yearly average		56.5	57.3	59.0	57.5	58.0	58.0

Location	GPCB Norms dB(A)	Noise Level in night time dB(A)					
		Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
T1 Arrival	Noise Standards for Airport Zone (65)	60	62	63	64	62	63
Meghni nagar	Noise Standards for Commercial Zone(55)	49	50	52	53	51	52
Nobel nagar	Noise Standards for Residential Zone (45)	43	41	42	43	42	42
Airport colony	Noise Standards for Residential Zone (45)	43	42	40	41	40	41
Minimum		43	41	40	41	40	41
maximum		60	62	63	64	62	63
Half Yearly average		48.8	48.8	49.3	50.3	48.8	49.5

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. DG Noise Level

The DG (Diesel Generator) sets are used as a power backup if grid power interrupts. And these DG's are periodically monitored for Noise Emission Level to know the effectiveness of the Acoustic Enclosure and to ensure compliance with Regulatory Norms with Monitoring Frequency of Once in three months. And the Noise Monitoring Results are presented in **Table-2**

TABLE -2

DG NOISE LEVELS

Sr. No	DG Set Code& Capacity	Location of DG Installed	Sound Pressure Level in d(B)A. (DG Running Noise Level)	
			June-23	Aug-23
S1	DG Set-1 500 KVA	Terminal-1	--	90
S2	DG SET-2 500 KVA		91	93
S3	DG SET-3 500 KVA		92	91
S4	DG SET-4 500 KVA		94	94
S5	DG SET-5 500 KVA		90	89
S6	DG SET-6 500 KVA		87	90
S7	DG SET-1 1500 KVA	Terminal -2	85	88
S8	DG Set-2 1500 KVA		93	91
S9	DG SET-3 1500 KVA		91	94
S10	DG SET-4 1500 KVA		93	89
S11	DG SET -1	Terminal-3	92	93
S12	DG SET -2		94	86
S13	DG SET -1	Radar Power House	93	--

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 locations to monitor the noise at nearest habitation about 250 and 500 meter respectively from the airport compound wall in either sides of Runway to know the impact of Airplane take off and landing activities. And the Monitoring Results are presented in **Tables.**

TABLE-3.1

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 June 2023	57.1	46.5	53.7	65 dB
Day02:- 02nd June 2023	54.8	46.2	50.4	
Day03:- 03rd June 2023	56.6	45.3	50.8	
Day04:- 05th June 2023	59.3	49.1	54.2	
Day05:- 07th June 2023	50.7	44.4	47.6	
Day06:- 08th June 2023	58.1	49.2	53.4	
Day07:- 09th June 2023	56.2	46.5	51.2	

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 at the south side of Airport Compound Wall at a distance of 65 meters and Area is 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**
Day 01:- 01st September 2023	58.4	47.3	54.6	65 dB
Day02:- 02nd September 2023	55.4	46.8	50.7	
Day03:- 04rd September 2023	57.3	46.1	52.1	
Day04:- 05th September 2023	57.0	48.6	53.4	
Day05:- 06th September 2023	51.3	45.1	48.2	
Day06:- 08th September 2023	58.5	49.6	54.1	
Day07:- 09th September 2023	54.8	45.2	51.4	

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 take off and landing. And this particular location is situated at the south side of Airport Compound Wall at a distance of 65 meters and Area is likely comes under commercial Zone.

TABLE-3.2

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:- 10th June 2023	57.3	47.8	52.5	65 dB
Day02:- 12th June 2023	52.5	43.1	47.7	
Day03:- 13th June 2023	53.2	45.0	49.3	
Day04:- 15th June 2023	59.7	49.1	54.3	
Day05:- 17th June 2023	53.6	43.2	48.4	
Day06:- 19th June 2023	55.7	47.4	51.5	
Day07:- 20th June 2023	51.4	41.3	47.1	
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 take off and landing. And this particular location is at situated the south side of Airport Compound Wall at a distance of 430 meters. And the area is 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**
Day01:- 11th September 2023	58.6	48.5	53.1	65 dB
Day02:- 12th September 2023	54.1	45.2	49.3	
Day03:- 13th September 2023	54.6	45.4	49.8	
Day04:- 15th September 2023	58.2	48.3	53.1	
Day05:- 16th September 2023	55.1	44.6	49.7	
Day06:- 18th September 2023	56.3	48.2	52.0	
Day07:- 20th September 2023	52.1	41.8	46.8	
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 take off and landing. And this particular location is at situated the south side of Airport Compound Wall at a distance of 430 meters. And the area is likely comes under commercial Zone.				

TABLE-3.3

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:- 21th June 2023	55.1	45.7	50.3	65 dB
Day02:- 22th June 2023	58.7	47.2	52.9	
Day03:- 24th June 2023	53.2	45.4	49.2	
Day04:- 26th June 2023	56.6	47.3	51.9	
Day05:- 27th June 2023	51.2	43.4	47.3	
Day06:- 28th June 2023	54.2	43.1	48.6	
Day07:- 30th June 2023	57.3	47.8	52.5	
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 take off and landing. And this particular location is situated the North side of Airport compound Wall at a distance of 660 meters. And the area is 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:- 21th September 2023	53.4	44.8	48.8	65 dB
Day02:- 22th September 2023	57.5	45.3	51.6	
Day03:- 23th September 2023	54.2	45.8	50.0	
Day04:- 25th September 2023	55.8	46.5	51.2	
Day05:- 26th September 2023	52.1	43.7	47.8	
Day06:- 27th September 2023	55.4	43.8	49.4	
Day07:- 30th September 2023	56.7	47.2	51.8	
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 take off and landing. And this particular location is situated the North side of Airport compound Wall at a distance of 660 meters. And the area is likely comes under commercial Zone.				

ANNEXURE A.1 (III)

CGWA NOC

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.

CENTRAL GROUND WATER AUTHORITY

Validity of this NOC shall be subject to compliance of the following conditions:

Mandatory conditions:

1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.

2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.

3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.

4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells / dug wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.

5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.

6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt. approved/ NABL accredited lab.

7) The firm shall report compliance of the NOC conditions online in the website (www.cgwa-noc.gov.in) within one year from the date of issue of this NOC.

8) Industries abstracting ground water in excess of 100 m 3 /d shall undertake annual water audit through certified auditors and submit audit reports within three months of completion of the same to CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.

9) Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act, 1986.

10) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/discharge of effluents or any such matter as applicable.

General conditions:

11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).

12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).

13) Proponents shall install roof top rain water harvesting in the premise as per the existing building bye laws in the premise.

14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises failing which the firm shall be responsible for any consequences arising thereupon.

15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.

16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water.

17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.

18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.

19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.

20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.

21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.

22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 60 days of taking over possession of the premises.

23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.

24) Proponents, who have installed/constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures.

25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution as per Annexure III of the guidelines.

26) In case of new infrastructure projects having ground water abstraction of more than 20 m3/day, the firm/entity shall ensure implementation of dual water supply system in the projects.

27) In case of infrastructure projects, paved/parking area must be covered with interlocking/perforated tiles or other suitable measures to ensure groundwater infiltration/harvesting.

28) In case of coal and other base metal mining projects, the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water.

29) The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing which penalty/EC/cancellation of NOC shall be imposed as the case may be.
30) This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable).

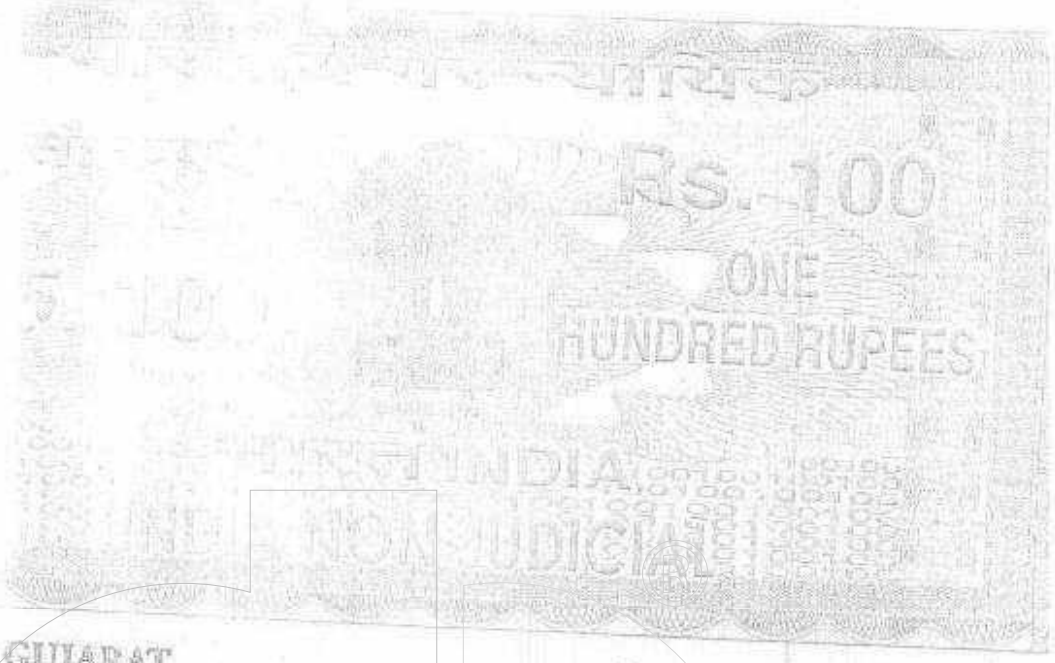
(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)

CENTRAL GROUND WATER AUTHORITY

ANNEXURE A2 (III)

WATER SUPPLY FROM AHMEDABAD MUNICIPAL CORPORATION

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AGREEMENT

Agreement for supply of water to Sardar Vallabhbhai International Airport, Airports Authority of India, to draw Water from Western Trunk main of AMC.

This agreement made on the day of 11th September, 2009 between the Airports Authority of India through its General Manager (Engg)-Project, A.A.I., S.V.P.I Airport, Ahmedabad. (herein after in this agreement referred to as the Licensee)

Which expression unless context otherwise requires and admit shall be (inclusive its administrators, executors, successors and assigns) having its registered office at New Delhi of the one part and AMC (herein after referred to as AMC which expression unless the context otherwise requires and admits shall be deemed to include its authorized officer) of the other part.

WHERE AS, the Licensee has applied to AMC for permission to draw maximum 5lacs liter water per day from Western Trunk Main of AMC.

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NOW, THIS INDENTURE WITNESS and the parties here to hereby agree as follows.

CLAUSE:-1

(1) AMC hereby grants the permission to the Licensee to draw maximum 5 lacs litre water per day from Western Trunk Main of AMC.

On the hereafter appearing terms and conditions. The Licensee shall construct and maintain other required storage or structures at suitable places as approved by the AMC or its authorized officer at their risk and cost and shall provide all ancillary arrangement that may be necessary in connection with drawl and conveyance of water required for the use of Licensee at S.V.P.I. Airport, Ahmedabad.

(2) From the forthcoming financial years the licensee shall have to get approval of required annual quantum of water in writing in advance before 1st April of every year from the Municipal Commissioner, Ahmedabad for their requirements. If above said approval in writing is not obtained by the licensee, the licensee shall be assessed and charged as per the quantity of water which was approved for the previous year and water charges shall be levied on this quantity as per the prevailing current rate of year under consideration.

CLAUSE:-2

The Licensee shall install and maintain at its own cost the pipeline and other requirements necessary for conveying Water from the source of supply to the place of actual use. The expenditure towards the drawl of water i.e. creation of storage reservoir, installation of pumps, pipelines, Water Meters and all other requirements in connection with the drawl of water shall be borne by the Licensee.

CLAUSE:-3

(1) The Licensee agrees to bear the cost herein below detailed that may be apportioned between the beneficiaries on pro rate basis of their demands, on account of remodeling that might be required to meet the total requirements of the beneficiaries. Total cost of work is Rs.73,26,697/-. The Licensee shall deposit this amount of Rs.73,26,697/- in advance to enable the AMC to take up this entire work as per detailed estimate enclosed at Annexure of this Agreement on priority basis. The licensee shall pay the balance amount on the basis of actual expenditure within 15 days after the work is completed. Similarly if the actual construction cost is less than amount deposited or adjusted in water charge to be paid to AMC. The amount will be settled by refunding such saving to the Licensee by AMC.

(2) The Licensee shall be allowed to draw the water only after he pays up the entire apportioned cost in (1) above in advance.

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CLAUSE:-4

(1) The advance payment for the year is to be deposited for the reservation of the yearly water demand and as and when the rates are revised the same will be paid by the Licensee. The normal water rates for the water actually drawn shall be Rs.12/1000 litre.

(2) If the measuring devices refereed to in clause 8 below ceases to function or goes out of order in any month, the charges leviable in respect of that month shall be the highest of the minimum charges for the entire reserved quantity and the average quantity of water drawn in the preceding three months.(These "three months" shall be considered "the months" in which drawl of water is there at least for 25 days or more) or the quantity of water drawn in the same months of the preceding year provided that there has been no increase in capacity of Water Distribution Station and the corresponding requirements thereof during such period and the Licensee has not diverted such water in the standby storages. If the capacity of the Water Distribution Station has increased during such period, or water is diverted to standby storages the quantity of water drawn shall be corresponding enhanced on pro rata basis to stand by storages. For the purpose of such estimation, the Licensee shall furnish necessary data to AMC or official nominated by AMC whose decision in the matter shall be final and binding on the Licensee.

(3) Bill of water charge for the water actually drawn shall be prepared by AMC & served to licensee for payment there of upon the bill amount remaining outstanding for more than 2 months an interest rate @ 12% shall be charged to licensee.

(4) If the arrears of water charge to above accumulated for more than six months. The AMC will disconnect the water supply without any notice and will be connect after deposit off all dues with penalty and reconnection charge decided by AMC.

(5) The water charges will be revised by AMC if necessary and same shall be paid by licensee.

CLAUSE:-5

(1) In case of leakage/damage to the water supply line of Licensee and such other ancillary works thereby causing any damages to the adjoining property of Road, the responsibility to make good within short period such damage and to pay any compensation to reinstate the same. Damage to pipeline etc. If licensee failed to do this type of repair within stipulated time shall also be got repaired and made good by AMC at the cost of Licensee.

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(2) The charges as mentioned above shall be paid in advance by the Licensee before 10th day of each month calculated as per the estimated requirements of water for the month. (i.e. approved quantity in MLD x NOs. of days in a month) The minimum bill for reserved quantity of normal rate will be prepared and served. However, if the actual utilization is in excess of approved demand the bills as per actual shall be prepared every month and served on the Licensee for payment thereof. The difference between the amount of advance & the actual bill amount shall be paid by the licensee within 15 days of receipt of bill.

(3) If the arrears of water charges referred to above accumulate for more than two months, AMC shall be at liberty to disconnect License to draw water from pipe line.

CLAUSE:-6

A suitable measuring mechanical or hydraulic or electronic device shall be installed by the Licensee at a suitable place without disturbing water supply system and in consultation with and with approval of AMC for measuring the quantity of water drawn by Licensee. The cost of measuring device, its installation & repairing and periodic or specific calibration shall be borne by the Licensee. The inventory of spare parts as jointly decided by AMC and the Licensee shall be kept by Licensee in his store so that, the repairs can be kept by Licensee in his store so that the repairs can be got done urgently. The measurement of the quantity of water drawn shall be taken jointly by the representatives of AMC and of the Licensee every month. Data/record of measurement shall be kept in a register. All such entries shall be countersigned by AMC's officer, if required. The measuring device shall be installed in such a way that its inspection can be done by the officer nominated by AMC at any time. The Licensee shall at all reasonable times allow AMC's officer to supervise/inspect the works.

CLAUSE:-7

If the measuring device refereed to in the clause immediately preceding this clause ceases to function or goes out of order, the Licensee shall as and when such occasion arises get necessary repairs done and restore the same to its original position or replace the same if so found necessary as required by the AMC's officer within fifteen days of its going out of order.

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CLAUSE:-8

Water drawn by the Licensee from Western Trunk main of AMC shall be used only for the purpose for which permission is granted to him and such use shall be confined to the legitimate requirements, of the Licensee. The Licensee shall not draw water from the same for sale or supply to any person, firm, company or other body by whatever name called without prior approval of AMC. Such drawl of water shall be considered unauthorized and shall be subject to such penalty charges as may be determined by the AMC Authority and if it is found that Airport Authority of India without any notice sales the water to others, the water supply will be stop and all deposit will be forfeited.

CLAUSE:-9

(1) The grant of the permission to draw water under this agreement shall not mean any assurance to the Licensee regarding quality and availability of quantity of water as per the requirements for non availability of the reserved quantity of water on account of reasons beyond the control of AMC. It shall be incumbent on the Licensee to make its own arrangement to meet its requirements of water during the period the AMC's Water Supply System is closed on account of repairs or accidental breach.

(2) If the special measures for conserving the water and reducing the losses or seepage are found necessary in scarcity years, the expenses on this account will be borne by the Licensee.

(3) The Licensee is permitted to draw maximum 5 lacs liter of Water per day. However if during the financial year actual drawl is upto 25% more or less than the permitted quantity, no additional penal rate shall be charged. In case of more than 25% excess drawl over reserved quantity, for excess quantity additional penal rates @25% more of the normal rates shall be charged. In case of drawl below 75% of reserved quantity, the additional penal rates @ 25% more of normal rates shall be charged for the quantity drawn below 75%. The licensee shall have to revise his demand for next financial year on or before 31st of December, to enable AMC to accord approval of the same before 1st April.

If demand is not revised as clarified above, any drawl in excess of approved quantum after 1st April (Forthcoming year) shall be considered as unauthorized drawl and additional penal rates @ 25% more of the normal rate shall be charged for such excess with 12% simple interest on the excess amount, and the licensee shall have to pay accordingly.

(4) The licensee is free to request on or before 31st of December for decreasing approved demand. In this case w.e.f. 1st April onwards on the following year the licensee shall be charged on the basis of revised demand as per stipulated terms & condition of billing & payment in the agreement entered into.

21/9/19

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CLAUSE:-10

Permission granted in this agreement shall not in any manner prejudicially affect the right of AMC to launch any new scheme or schemes in public interest in future in connection with water for any use for which the Licensee is permitted to draw water.

CLAUSE:-11

The drawl of water under this agreement by the Licensee shall be subject to the provision of BPMC Act 1949 and the rules made there under as in force and as may be modified from time to time and orders that may be passed or issued in that behalf by AMC from time to time.

CLAUSE:-12

The water charges will be revised by AMC if necessary and same shall be paid by licensee.

CLAUSE:-13

DISPUTE RESOLUTION

Any dispute or differences arising out of this agreement shall be resolved by AMC and decision of the Municipal Commissioner, Ahmedabad will be binding to Licensee.

CLAUSE:-14

The agreement shall remain in force for a minimum period of five years or can be terminated earlier by the Licensee by giving six calendar months notice in writing to AMC for the purpose. The Licensee shall not be eligible for any compensation on account of such premature termination.

Effective date of agreement

Date of agreement shall be effective from the date of signing of the agreement or starting date of drawl whichever is earlier.

CLAUSE:-15

AMC may allow the drawl of water according to the terms stated in this agreement even after the expiry of the agreement on receipt of a request to that effect from the Licensee at least Six months before the expiry of the period of this agreement.

CLAUSE:-16

The Licensee shall bear all the legal charges, stamp duty, registration fees and translation charges and other charges and expenses incurred in connection with this agreement.

21/8/19

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IN WITNESS WHERE OF Shri N.S.Jaldhari, General Manager(Engg)Proj. duly authorised by the Chairman, Airports Authority of India for the said purpose & on behalf of Licensee(AAI) & Shri Municipal Commissioner, Ahmedabad on behalf of Ahmedabad Municipal Corporation have signed there, present and herein set their respective seal on the day and year first above written.

Signed, sealed and delivered by

By Municipal Commissioner, AMC

In the presence of

Witness(i).....

Witness(ii).....

Signed, sealed and delivered by
N. S. JALDHARI
General Manager (Engg. Proj.)
Airport Authority of India,
S.V.P.I. AIRPORT
AHMEDABAD-380 003.

For, and on behalf of Chairman,
Airports Authority of India
Shri N.S.Jaldhari,
General Manager (Engg) Proj
S.V.P.I Airport, Ahmedabad

In the presence of

Witness(i).....

Witness(ii).....

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AHMEDABAD MUNICIPAL CORPORATION

Water Project Department,
5th Floor, 'C'-Wing, Sardar Patel Bhavan, Danapith,
Ahmedabad- 380001. Tel. No. 079-25391811 to 079-25391860, Ext:-459

Dt.13.10.2020.

To,
Asst. General Manager
(Engineering- Civil)
Airport Authority of India,
S.V.P International Airport,
Ahmedabad – 380 003.

WATER PROJECT
IN NO. 2219
DATE 13/10/2020.

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

Respected 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 October 2019 to September 2020 on average consumption basis is Rs.23,34,737.00.

You are requested to pay the amount of Rs. 23,34,737.00 at the earliest by D.D. in favour of "MUNICIPAL COMMISSIONER AHMEDABAD".

The model of the Flow meter is very old and is unrepairable. The water meter was installed at Airport Authority's cost. So you are requested to install new flow meter in place of old, maintain it and do the calibration every year and submit the calibration certificate to AMC.

Early action in this matter is requested.

13/10/2020

Dy.City Engineer
(Water Project)

Jt. Exe. Engg(CC)
for info pl.
AGM(CC)/Um.

Encl:- (1) Detailed of Water charges calculation statement

Water Charges for Water Supplied by AMC to Air Port

Water Charges from 01/10/2019 to 30/09/2020 (October 2019 to September 2020)								
	From	To	Days	Average Consumption in Lit per Day	Total Consumption in Lit.	Total Consumption in 1000 Lit	Rate Rs/1000 lit	Water Charges above Period Rs.
Date	01/10/2019	30/09/2020	365	533045	194561425	194561.425	12	2334737.10
		Total Amount For October 2019 to September 2020 Rs.						2334737.10

Pending Amount for Water Charges Rs.	**0.00**
Amount for Period From Dt.01/10/2019 to 30/09/2020 Rs.	**2334737.00**
Pending Amount for Water Charges from Dt.01/10/2019 to 30/09/2020 Rs.	**2334737.00**

AE 13/10/2020 ACE 13/10/2020 Dy.CE (WP) 13/10/20

AHMEDABAD MUNICIPAL CORPORATION

Water Project Department,
5th Floor, 'C'-Wing, Sardar Patel Bhavan, Danapith,
Ahmedabad- 380001. Tel. No. 079-25391811 to 079-25391860, Ext:-459

WATER PROJECT
IN NO. 4630
DATE 20/01/2022

Dt.19.01.2022

To,
Asst. General Manager
(Engineering- Civil)
Airport Authority of India,
S.V.P International Airport,
Ahmedabad – 380 003.

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

Respected 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 January 2021 to December 2021 on average consumption basis is Rs.23,28,340.56 paisa and Your Previous pending amount for water charge from October 2020 to December-2020 is Rs.5,82,085.00. Total Amount due upto date i.e up to December 2021 is **Rs.29,10,426.00**

You are requested to pay the amount of Rs. **Rs.29,10,426.00** at the earliest by D.D. in favour of "MUNICIPAL COMMISSIONER AHMEDABAD".

The model of the Flow meter is very old and is unrepairable. The water meter was installed at Airport Authority's cost. So you are requested to install new flow meter in place of old, maintain it and do the calibration every year and submit the calibration certificate to AMC.

Early action in this matter is requested.

20.1.22

Dy.City Engineer
(Water Project)

Encl:- (1) Detailed of Water charges calculation statement

To,
B.G.Gandhi,
Chief Airport Officer,
Ahmedabad International,Airport
Adani Corporate House,Shantigram,
Near Vaishnodevi Circle,S.G.Highway,Khodiyar,
Ahmedabad.

19/1/22
ACE

ACE

AHMEDABAD MUNICIPAL CORPORATION

Water Project Department,
5th Floor, 'C'-Wing, Sardar Patel Bhavan, Danapith,
Ahmedabad- 380001. Tel. No. 079-25391811 to 079-25391860, Ext:-459

Dt.22.03.2022

To,
Asst. General Manager
(Engineering- Civil)
Airport Authority of India,
S.V.P International Airport,
Ahmedabad – 380 003.

WATER PROJECT
IN NO. 5001
DATE. 22/03/2022.

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

Respected 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 **January 2022 to March 2022** on average consumption basis is Rs.5,69,292.06 paisa and Your Previous pending amount for water charge from October 2020 to December-2021 is Rs.29,10,425.56 Total Amount due upto date i.e up to March 2022 is **Rs.34,79,717.62. From this due amount** We have received amount of Rs.2,34,099.00 as DD No 79919 Dt.13.03.2022. Now Your Due Amount is **Rs.32,45,619.00** up to March 2022.

You are requested to pay the amount of Rs. **Rs.32,45,619.00** at the earliest by D.D. in favour of "MUNICIPAL COMMISSIONER AHMEDABAD".

The model of the Flow meter is very old and is unrepairable. The water meter was installed at Airport Authority's cost. So you are requested to install new flow meter in place of old, maintain it and do the calibration every year and submit the calibration certificate to AMC.

Note:- We will Issue Water supply charges for New International Terminal building phases I & II at S.V.P.I Airport, Ahmedabad. to **AHMEDABAD INTERNATIONAL AIRPORT LIMITED (AIAL) on your new Address new Rate.**

Dy.City Engineer
(Water Project)

Encl:- (1) Detailed of Water charges calculation statement

To,
B.G.Gandhi,
Chief Airport Officer,
Ahmedabad International,Airport
Adani Corporate House,Shantigram,
Near Vaishnodevi Circle,S.G.Highway,Khodiyar,
Ahmedabad.

AE AEE

C/C

ANNEXURE A.2 (III)

AMC PERMISSIONS FOR WATER

AHMEDABAD MUNICIPAL CORPORATION

Water Project Department,
5th Floor, 'C'-Wing, Sardar Patel Bhavan, Danapith,
Ahmedabad- 380001. Tel. No. 079-25391811 to 079-25391860, Ext:-459

Dt.16.10.2023

WATER PROJECT
IN NO. 2907
DATE. 17.10.2023

To,
B.G.Gandhi,
Chief Airport Officer,
Ahmedabad International,Airport
Adani Corporate House,Shantigram,
Near Vaishnodevi Circle,S.G.Highway,Khodiyar,
Ahmedabad.

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

Respected 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 **January-23 to September-2023** on acual consumption basis is **Rs.48,59,600/-**

You are requested to pay the amount of Rs. **Rs. 48,59,600/-**at the earliest by D.D. in favour of "MUNICIPAL COMMISSIONER AHMEDABAD".

You are requested for maintain flow meter and do the calibration every year and submit the calibration certificate to AMC.

16/10/23
Dy.City Engineer
(Water Project)

Copy to
B.G.Gandhi,
Chief Airport Officer,
Ahmedabad International,Airport
First Floor,Terminal 1 Building,
SVPI Airport Ahmedabad

O/C

16/10/23

E:\ABEL\FLOW METER READING AND BILL DETAILS\Airport Water Reading and Charges\AMC LETTER ENGLISH_1e.doc

Water Charges for Water Supplied by AMC to Air Port

Water Charges from 01/01/2023 to 30.09.2023 (January-2023 to Sept-2023)						
Duretion	Terminal-1	Terminal-2	Total (Terminal-1+ Terminal-2)	Total Consumption in 1000 Lit	Rate Rs/1000 lit	Water Charges above Period Rs.
01/01/2023 to 31.03.2023			0			
Jan-23	7844.25	10131.43	17975.68	17975.68		
Feb-23	7113.71	10693.73	17807.44	17807.44		
Mar-23	7475.07	7905.45	15380.52	15380.52		
		Total	**51163.64**	**51163.64**	**30.00**	**1534909.20**
01/04/2023 to 30.09.2023						
Apr-23	7855.62	6685.81	14541.43	14541.43		
May-23	9165.08	8324.27	17489.35	17489.35		
Jun-23	8625.93	7511.52	16137.45	16137.45		
Jul-23	10035.55	7896.53	17932.08	17932.08		
Aug-23	9501.07	7834.69	17335.76	17335.76		
Sep-23	10719.92	6592.21	17312.13	17312.13		
		Total	**100748.20**	**100748.20**	**33.00**	**3324690.60**
	(A)	**Total Amount For January-2023 to Sept.2023**				**4859599.80**
		Pending Amount for Water Charges till Date 31.12.2022 Rs.				2926418
		We recieved amount Rs.2926418/- DD No 008251 Dt 21.01.2023 Rs.				**2926418**
			(B)		**Pending Rs**	0
		Total Pending Amount for Water Charges from April 2022 to June 2022 (A) +(B) = Rs.				**4859599.80**
					Say	**4859600.00**

AE 16/10 ACE 16/10/23 Dy.CE (WP) 16/10/23

Note:- Water charges Rate is revised from 01/04/2022 as Muni.Commi.Reso No 04 Dt.04/04/2022

ANNEXURE B(I)

PROPOSED EXPANSION ACTIVITY AND MASTER PLAN

Brief Summary

Sardar Vallabhbhai Patel International Airport (SVPIA) is located 11 km northeast of city centre of Ahmedabad, and about 18 km southeast of Gandhinagar, at 23°04'16.3" N latitude and 72° 37' 35.1" E longitude. It is located at an elevation of 57.6 m Above Mean Sea Level. Ahmedabad airport was established in 1937, however its international operations commenced in 1991.

A Concession Agreement for Operation, Maintenance, Management & Developmentof airport has been signed between Airports Authority of India (AAI) and Ahmedabad International Airport Limited (AIAL) (earlier known as Adani Ahmedabad International Airport Limited) on 14th February 2020. As per the Concession Agreement, AIAL has commenced the operations, development and management of the Airport from 7th November, 2020.

SVPIA has total land area of 399.48 Ha (987.12 acres). The present airport includes a single runway (05-23) orientated in north-east to south-west direction, with length of 3,505 m and width of 45 m which is adequate for Code E aircraft operations. The predominant direction of operation for take-offs and landings is towards the southwest (23 direction). SVPIA presently has halfway Code E parallel Taxiway.

SVPIA presently has two operational passenger terminals: Domestic Terminal (T1) and International Terminal (T2). The old domestic terminal (T3) located north of T1 although decommissioned, is used for Haj and cargo operations. Office Building(T4) and ATC Tower & Technical Block are located south of Domestic Terminal (T1).Both Terminal T1 and T2 have their respective aprons adjacent to them, and they accommodate a mix of narrow body and wide body aircraft parking stands. SVPIA has handled more than 11 MPPA in the FY 2019.

The existing passenger and cargo terminals with their associated aprons are located near southwestern end of the runway. The domestic apron size is 775 m x 200 m and is located north-west of the runway and accommodates a total of 27 aircraft parking positions. The International apron is sized 383 m x 136 m, located north of the runway and accommodates a total of six stands. The International Apron-2 pavement is around 390 m x 110 m in size and accommodates additional 7 remote stands. In addition to this, there is an apron of approximate size 125 m x150 m and is located north-west of the domestic apron and accommodates twelve remote stands.

The proposed capacity enhancement activity includes works required for relocation, improvement, modification/up-gradation/augmentation and modernization of existing Airside/Landside facilities and infrastructure, and to meet operational/statutory compliance to facilitate the required infrastructure to serve the projected passenger and cargo traffic in ultimate phase.

A New Integrated Terminal Building (NITB) is proposed to be developed phase wise to cater the passenger handling up to 40.33 MPPA. The cargo handling capacity is projected to be developed for 1 Million Tonnes Per Annum (MTPA). The Master Plan has been considered into two major zones (1) Airside Zone which includes Terminal Development Cargo complex development, Runway, Hangar, Apron /taxiway, Support Facilities & Utilities, Road & Transport & (2) Landside Zone includes Support Facilities & Utilities (including Multi level Car Parking), Road & Transport, ATC, Cargo complex. Airside & Landside components will be developed within an area of 326.28 Ha & 63.76 Ha

respectively.

As a part of concession agreement between AAI & AIAL, 399.48 Ha (987.12 Acres) has been allotted to AIAL for development of SVPIA into state-of-art Airport serving business markets and tourism and keeping pace with the growth in Air traffic. Out of which, 11.19 Ha (27.66 Acre) of land will be considered for City Side development, which will be developed phase wise after obtaining required approvals.

AIAL now proposes expansion of SVPIA within an area of 390.05 Ha (963.82 acre),which includes land area of 29.95 Ha (74 acres) as a Carved out area, retained by Airport Authority of India (AAI) and additional land area of 1.76 Ha (4.35 acres) (State Govt) for safety requirements and de-bottlenecking. As per the concession agreement the additional land required will be acquired by AAI and encumbrance free land will be handed over to AIAL.

For achieving the better operating practices for safety, additional area of 8.54 Ha (21.12 acres) is identified and same will be acquired and utilized subject to its availability from AAI. However, this will not have any direct implications on the proposed expansion, as same will be used only for enhancing safety.

Total water requirement is estimated to be 9.5 MLD, out of which 4.5 MLD will be potable water requirement, which is proposed to be sourced through State Government Water Supply / Bore wells and remaining 5.0 MLD will be recycled water from STP.

The total estimated waste water generation is expected around 5.20 MLD which will be treated through total STP capacity of 5.5 MLD (MBR, MBBR, SBR etc.) to be developed on modular basis. Treated wastewater will be used for Landscaping or other purposes.

The total estimated power demand for SVPIA Operations is 42 MVA with 100% load, which will be sourced from Electrical Substation. DG sets for emergency requirements will be installed on modular basis.

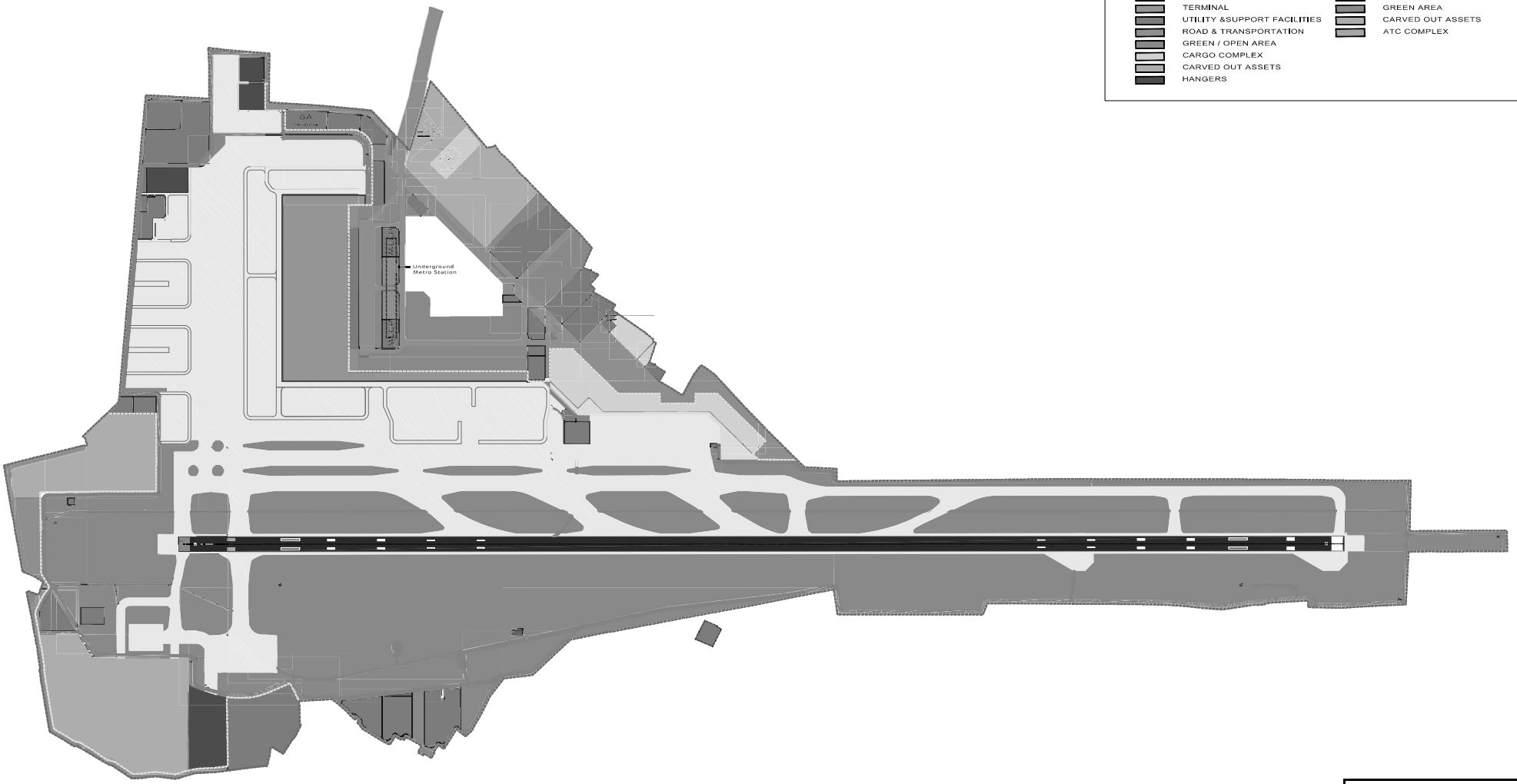
The total estimated Solid waste generation is 32 Tonnes/day, which will be managed in line with the provisions of the Solid Waste Rules, 2016, amended till date.

Hazardous waste (1 Tonne/day) Used Oil, Contaminated filters, Oily cotton waste, discarded drums etc will be generated and will be handled in accordance with HWMRules 2016, amended till date.

Construction & Demolition waste will be handled inline with Construction & Demolition Waste Rules, 2016, amended till date.

It is expected about 2000 direct & indirect employment during construction phase and 26,000 direct and indirect employment during operational phase of the project after expansion.

The total estimated Project cost of the proposed project is about INR 18,000 crores for Airside and Landside development.



LEGEND:
AIRSIDE AREA

- AIRPORT BOUNDARY
- AIRSIDE / LANDSIDE BOUNDARY
- RUNWAY
- APRON & TAXIWAYS
- TERMINAL
- UTILITY &SUPPORT FACILITIES
- ROAD & TRANSPORTATION
- GREEN / OPEN AREA
- CARGO COMPLEX
- CARVED OUT ASSETS
- HANGERS

LEGEND:
LANDSIDE AREA

- AIRPORT BOUNDARY
- AIRSIDE / LANDSIDE BOUNDARY
- UTILITY &SUPPORT FACILITIES
- ROAD & TRANSPORTATION
- GREEN AREA
- CARVED OUT ASSETS
- ATC COMPLEX

adani

PROJECT TITLE
SARDAR VALLABHBHAI PATEL
INTERNATIONAL AIRPORT, AHMEDABAD.

SUB TITLE
Environment Master Plan - Area Detail

PREPARED BY
AHMEDABAD INTERNATIONAL
AIRPORT LTD.
Project Office,
SARDAR VALLABHBHAI PATEL
INTERNATIONAL AIRPORT, AHMEDABAD.

NORTH

JOB NO	SCALE	DRAWN BY	CHECKED BY	APPROVED BY
	NTS	Akhilesh	Amit S	Amit S
INWARD NO			DATE	18-02-2022
DRAWING No.				REV. R0

ANNEXURE B (IV)
CSR BLOOD DONATION 2023

THE GOOD VIBE
OUR JOURNEY OF GOODNESS BEGINS WITH YOU.

Ahmedabad International Airport Ltd



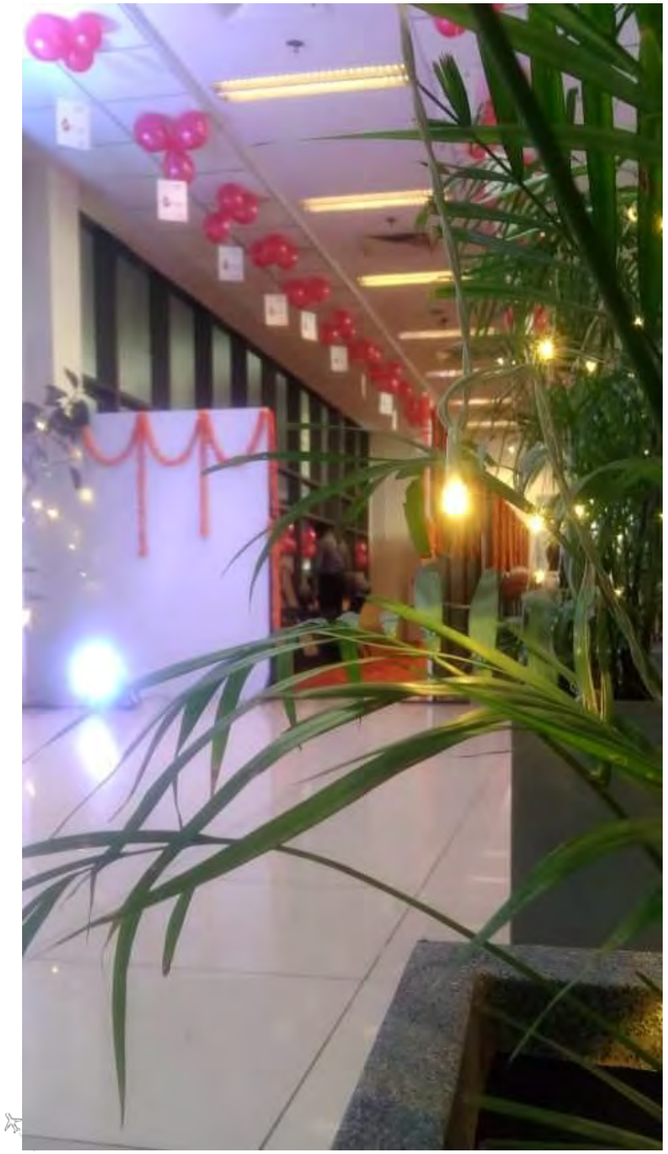
BLOOD DONATION DRIVE – June 23 & 24,2023

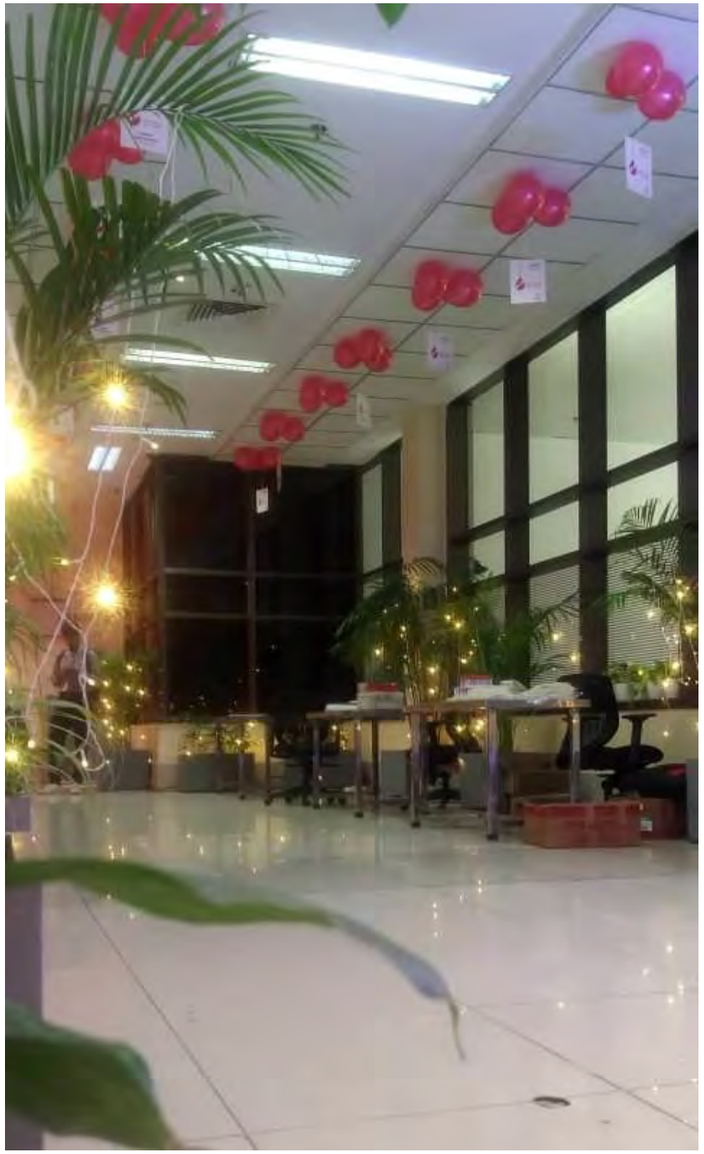
Campaign - for the mega event





Glimpses of setup









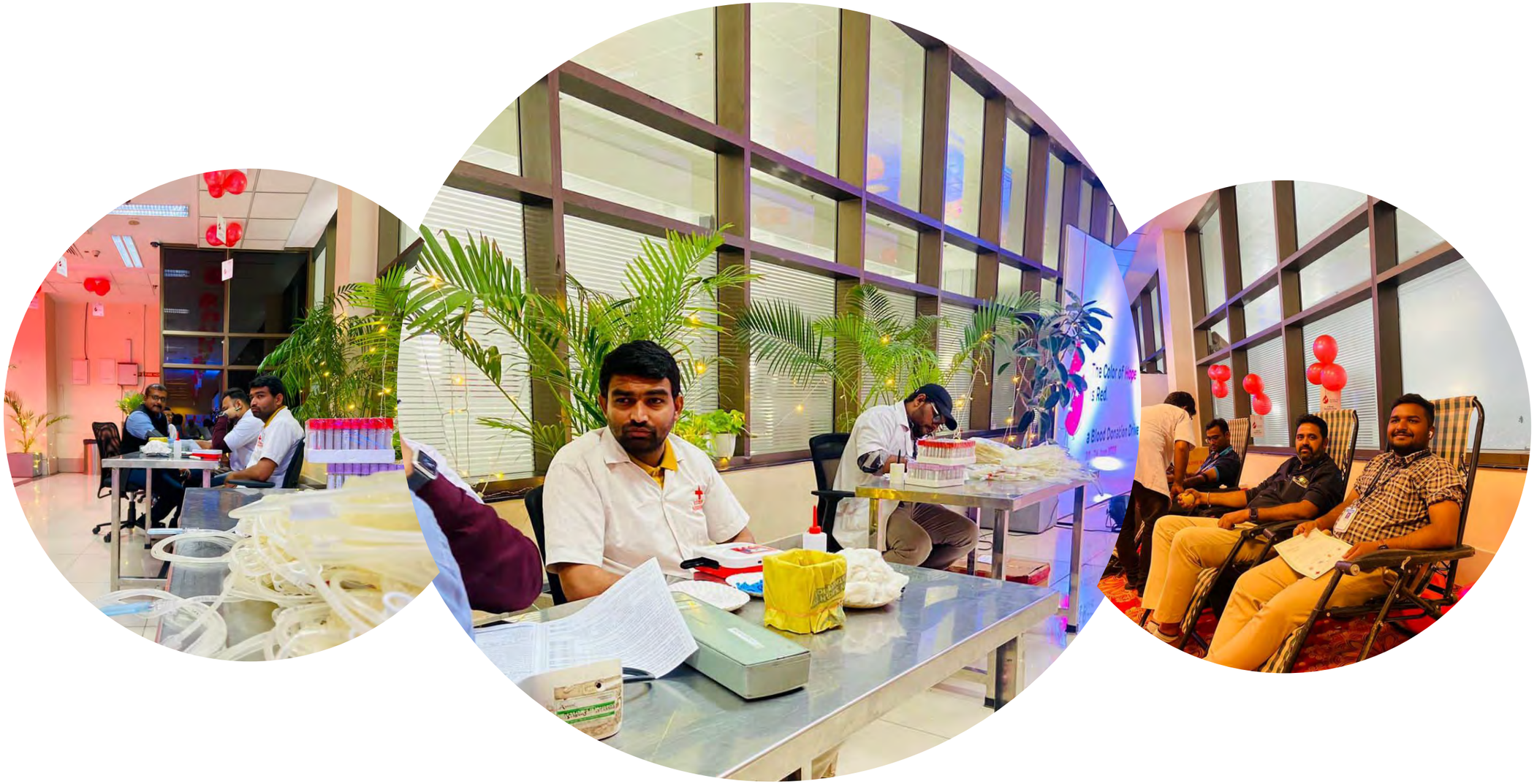
Inauguration Ceremony







Medical Team & Employees Participation



Proud Moment for Donor





The Dashboard

COUNT OF DONORS ON ADANI DAY

Total Count - 323.
Total Donors:- 252.
Total Rejection - 71.



THE GOOD VIBE
OUR JOURNEY OF GOODNESS BEGINS WITH YOU.

Thank You.



ANNEXURE B(VII)

WATER AERATOR IMPLEMENTATION

Stop using paper towel and Installation of hand dryer across terminals

Challenges identified :

A key challenge was one that was faced at our Terminal washrooms:

- **Misuse of paper towels** causing increase in litter.
- Passengers wanted a touchless solution considering hygiene
- In all restrooms, air hand dryers with an 18-second duration are still in use. If a new hand dryer is being installed, choose the 12-second option.

Solution implemented :

- Phase out paper towel

- All terminal washrooms will have Jet Speed Air Blade hand dryers installed in a phased fashion, and the 18-second hand dryer will be replaced with a 12-second dry period.

This installation included features such as -

- 10-12s dry time
- 500 Kw per hour per use
- Hepa Filter to curb airborne viruses

Impact :

- Cost saving of **~INR 66 Lakh y-o-y** related to paper towels and continue with touch less hand dryers
- Reduced of emissions emitted by paper towels and conventional hand dryers by ~ %
- **~810 trees 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 .







Glimpses of implementation

ANNEXURE B (VII)
AIRPORT AWARDS

Terminal-1 Washroom Water Saving Aerator By Neoperal

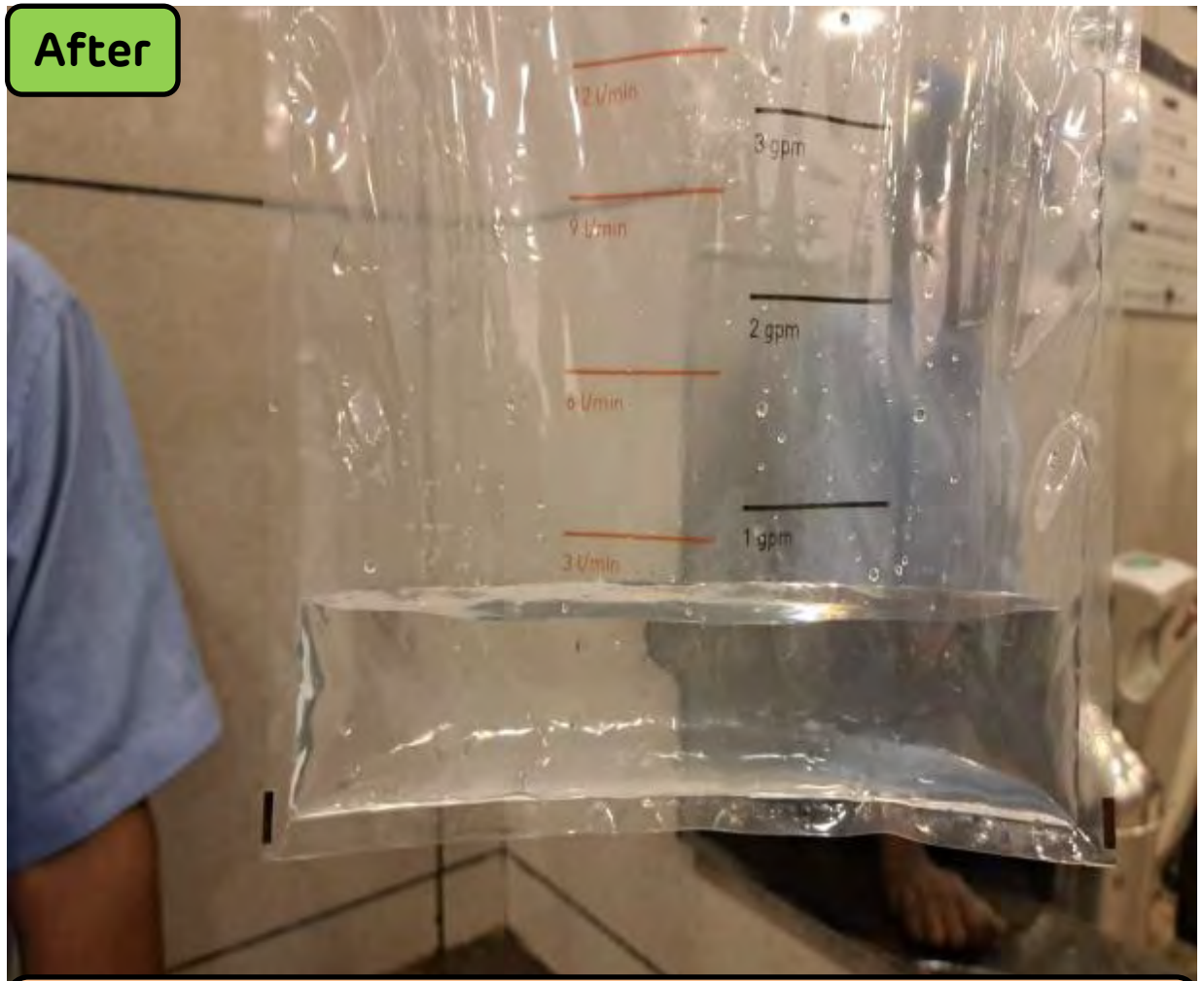
- E&M have done testing of T1 & Press-matic type water taps across all locations with water saving aerators..
- Around 135 Nos water taps identified and installed at T1, Cargo, T4, ATC, Fire station etc. except T2 where washrooms are under modifications.
- Overall with 1.9 LPM Neoperl aerator installations, we have estimated water & energy saving.
- Neoperl is German company & has all required certifications which are required by LEED's & Green Building.
- Overall ROI apprx. calculated at 0.05 yr. & cost saving of INR 6.1 lacs per annum which is very optimum.

Terminal-1 GF Washroom Jaquar Water Taken In Calibrated Beg Of Neoperal For 10 Sec

Before



After



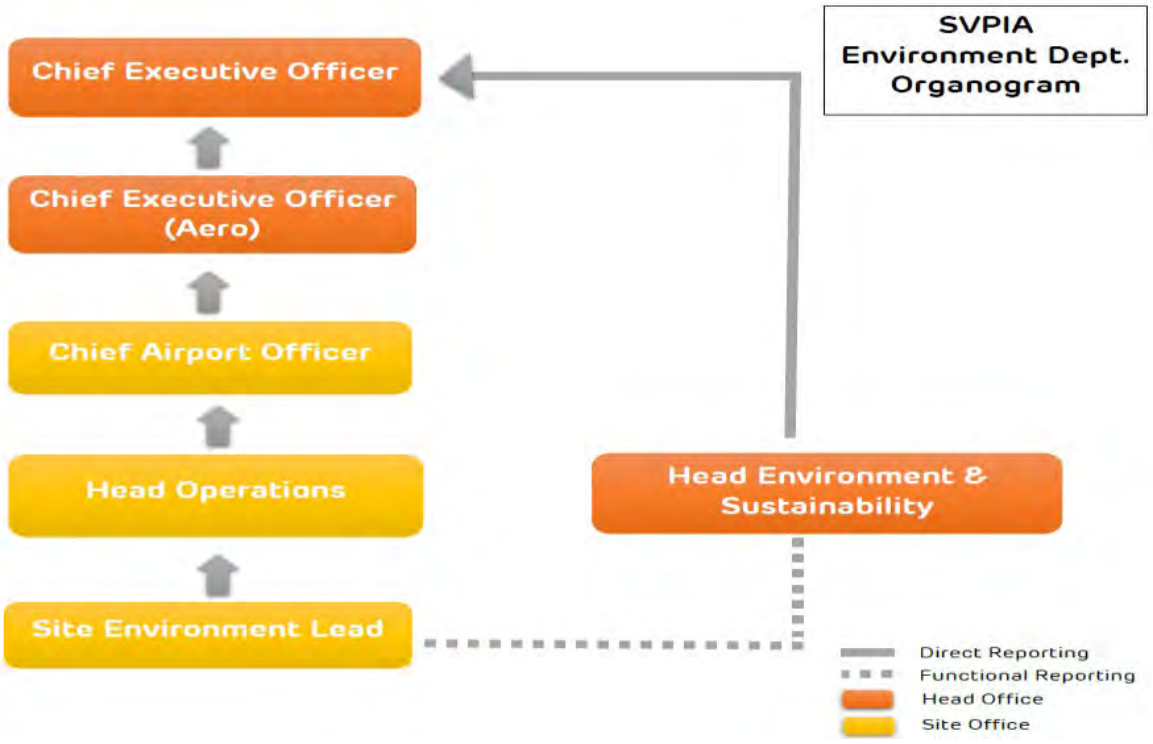
After Replacement of Aerator with Neoperal 1.9 LPM Aerator. Approx. 1.9-2 LPM in 10 Sec.

ANNEXURE B (VIII)

EM CELL

Environment management cell.

Site is having Head Environment to take care of Environment related functions. He reports to Head Operations and further reporting to Chief Airport Officer who directly reports to the top management.



Corporate Head Environment & Sustainability and Site Environment Head are M.Tech in Environmental Engineering and are having 25 and 22 years of experience in the field of environment respectively.

In addition, one more Environment manager having more than 18 years of experience has been appointed to support in EMP and ESG activities.

ANNEXURE B (VX)

COMPLIANCE REPORT SUBMITTED TO PORTAL - OCT 2023 TO MAR 2023

EC Conditions Six Monthly Compliance Report

(by Project Proponent)

Proposal No : 10-6/2006-IA-III

1. Name of the Entity / Corporate Office :

2. Proponent Details :

Proponent Name :	Venkata Kishore BabuKolla	**Designation :**	HSE Head
Telephone No :	--1	**Mobile No :**	+91 9099938893
Fax No :	-	**Email Address :**	Arijit.De@adani.com
Website :		**Pin Code :**	382475
State :	Gujarat	**District :**	Ahmedabad
Village/Town :			

3. Compliance Letter/Report (Proponent):

4. Summary Status of Compliance :

Total Condition :	46		
Complied :	30	**Being Complied :**	6
Not Complied :	0	**Partially Complied :**	0
Agreed to Comply :	10		

5. Details of Production and Project Area :6. Specific Conditions (Proponent) :

S.No	Condition	Self Declaration	Remarks / Reason	Supporting Documents	Observation of

					IRO
1	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	CTE was obtained by AAI for Construction of New International Terminal Building & a New Domestic Arrival vide consent order dtd 10th Feb 2006. The consent letters of GPCB are attached	PDF	
2	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	500 KLD STP (Fluidized Media Reactor) was installed and is in operation to treat the wastewater from the entire airport operations. The Treated wastewater is used for Horticulture purpose.	PDF	
3	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	Noise control and mitigation measures adopted at the site is attached	PDF	
4	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	As a part of AIAL operation, an effective solid waste management plan has been implemented at site. Detailed report attached	PDF	
5	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	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.	N/A	
6	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	Complied	SVPIA had signed an agreement with Ahmedabad Municipal Corporation for supplying of water. The copy of agreement and	PDF	

	this Ministry within three months from the date of receipt of this letter.		water bills are given in Annexure The ground water NOC from CGWA is also attach		
7	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	CTE was obtained by AAI for Construction of New International Terminal Building& a New Domestic Arrival vide consent order dtd10th Feb 2006.The consent letters of GPCB are attached		
8	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	500 KLD STP(Fluidized Media Reactor) was installed and is in operation to treat the waste water from the entire airport operations. The Treated wastewater issued for Horticulture purpose.		
9	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	As a part of AIAL operation, an effective solid waste management plan has been implemented at site. Detailed report attached		
10	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	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		
11	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.	Complied	SVPIA had signed an agreement with Ahmedabad Municipal Corporation for supplying of water. The copy of agreement and water bills are given in Annexure The ground water NOC from CGWA is also attach		

12	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	Noise control and mitigation measures adopted at the site is attached		

7. General Conditions (Proponent) :

S.No	Condition	Self Declaration	Remarks / Reason	Supporting Documents	Observation of IRO
1	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	Complied	Concession agreement has been signed between AAI & AIAL on 14th Feb 2020. As per the above, AIAL has commenced the operation with effect from the Commercial Operation Date (COD) i.e. 7th Nov 2020	N/A	
2	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 1	Complied	previous compliance reports submitted is given below: Oct 2021 to Mar 2022- 2nd May 2022 Apr 2021 to Sept 2021-26th Nov 2021 & 8th Dec 2021 Oct 2020 to Mar 2021-29th May 2021 E-mailsubmitted at		
3	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.	Agreed to Comply	Point noted and agree to comply	N/A	
4	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	Complied	noted and complied. detailed statement attached		

	environmental protection. The project proponents should be responsible for implementing the suggested safeguard measures.				
5	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.	Agreed to Comply	Point noted and agreed to comply	N/A	
6	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.	Being Complied	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.	N/A	
7	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	Energy Saving Measures, Solid waste management, waste water treatment and recycling and carbon emission control plan submitted in detailed. copy of Emergency response plan attached in additional doc.		
8	The quarrying material required for the construction purpose shall be obtained oily 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.	Being Complied	Construction activity has already been completed and presently the project is under operation Phase	N/A	
9	For employing unskilled, semi-skilled and skilled workers for the project, preference shall be given local people.	Complied	The airport operation requires high level of expertise to ensure safe flight operations, highly skilled & technical personnel are being recruited inline to the requirements.		
10	The funds earmarked for environment protection measures should maintained in a separate account & there should be no diversion of these funds for any other	Complied	Separate budget for the EPM is earmarked, recorded in advanced accounting system of	N/A	

	purpose. A year-wise expenditure on environmental safeguards should be reported to this Ministry.		the organization and as such separate bank account is not maintained. An amount of INR 333Lakh spent in this period		
11	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.	Being Complied	Construction activity has already been completed and presently the project is under operation Phase.	N/A	
12	The project affected people, if any should be properly compensated and rehabilitated.	Complied	Condition is Not Applicable to us.	N/A	
13	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.	Agreed to Comply	All the proposed construction activities shall be undertaken conforming to the existing central as well as local rules. The details of proposed construction activities and master plan	N/A	
14	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	Construction activity has already been completed and presently the project is under operation Phase.500KLD STP is provided for sewage generated from operations. treated WW being used for gardening	N/A	
15	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.	Agreed to Comply	the appropriate measures as part of corporate responsibility will be undertaken based on need assessment and incompliance to the applicable regulations.		
16	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	Complied	Site is having Head Environment to take care of Environment related functions. He reports to Head		

	respond directly to the Chief Executive of the Company.		Operations and further reporting to Chief Airport Officer who directly reports to the top managemen		
17	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.	Agreed to Comply	Agreed to comply and full EC compliance condition status report attached for ready reference.	PDF	
18	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	Complied	Concession agreement has been signed between AAI &AIAL on 14th Feb2020. As per the above, AIAL has commenced the operation with effect from the Commercial Operation Date(COD) i.e. 7thNov 2020	PDF	
19	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	noted and complied. detailed statement attached	PDF	
20	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.	Agreed to Comply	Point noted and agreed to comply	N/A	
21	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	Site is having Head Environment to take care of Environment related functions. He reports to Head Operations and further reporting to Chief Airport Officer who directly reports to the top management	PDF	

22	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.	Agreed to Comply	All the proposed construction activities shall be undertaken conforming to the existing central as well as local rules. The details of proposed construction activities and master plan	N/A	
23	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.	Agreed to Comply	Point noted and agree to comply	N/A	
24	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 1	Complied	Advertised in two news paper informing the project has been accorded EC.	N/A	
25	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.	Being Complied	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.	N/A	
26	For employing unskilled, semi-skilled and skilled workers for the project, preference shall be given local people.	Complied	The airport operation requires high level of expertise to ensure safe flight operations, highly skilled & technical personnel are being recruited inline to the requirements.		
27	The project authorities should take appropriate community development	Agreed to Comply	the appropriate measures as part of		

	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.		corporate responsibility will be undertaken based on need assessment and incompliance to the applicable regulations.		
28	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.	Being Complied	Construction activity has already been completed and presently the project is under operation Phase	N/A	
29	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	Construction activity has already been completed and presently the project is underoperationPhase.500 STP is provided for sewage generated from operations. Treated WW being used for gardening	N/A	
30	The project affected people, if any should be properly compensated and rehabilitated.	Complied	Condition is Not Applicable to us .	N/A	
31	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	Separate budget for the EPM is earmarked, recorded in advanced accounting system of the organization and as such separate bank account is not maintained. An amount of INR 333Lakh spent in this period	N/A	
32	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	Energy Saving Measures, Solid waste management, waste water treatment and recycling and carbon emission control plan submitted in detailed. copy of Emergency response plan attached in additional doc.		

33	The quarrying material required for the construction purpose shall be obtained oily 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.	Being Complied	Condition is not applicable as Construction activity has already been completed and presently the project is under operation Phase.	N/A	
34	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.	Agreed to Comply	Agreed to comply and full EC compliance condition status report attached for ready reference.		

**Note : N/A - Not Available

PRINT

ANNEXURE B (X)

ENV AND SUSTAINABILITY EXPENDITURE DETAILS

Environment & sustainability Expenditure (OPEX)

		April-2023	May-2023	June-2023	July-2023	Aug-2023	Sep-2023
Sr. No.	Description	Total Expenses (Rs.)	Total Expenses (Rs.)	Total Expenses (Rs.)	Total Expenses (Rs.)	Total Expenses (Rs.)	Total Expenses (Rs.)
A)	STP WASTEWATER DISPOSAL COST	550,000	550,000	550,000	550,000	550,000	550,000
B)	LEGAL EXPENSES/fees	0	0	0	70000 –AILA 50000- RIL 62500- BPCL	0	0
C)	HAZ WASTE DISPOSAL	0	0	0	0	0	0
D)	Horticulture/green belt	834,000	820,000	939,000	1620,000	806,000	1055,000
E)	OTHER ESG PROJECT	0	0	0	0	0	0
F/	Environment monitoring	100,000	100,000	100,000	100,000	100,000	100,000
G)	Other miscellaneous expense on envi	0	0	80000 (WED)	---	---	---
	Approximately COST (A+B+C+D+E) INR.=	**1,484,000**	**1,470,000**	**1,669,000**	**2,452,000**	**1,456,000**	**1705000**
	Total						**10,236,000**

Ref : STP O&M cost per month

- Comprehensive maintenance charges :- 214291 per month
- Manpower deployment :- approx. 120000 per month .
- Electricity cost for operation :- approx. 216000 per month
- Total monthly cost : 550291 ~= 5.5 lakh per month

ANNEXURE
EMP AS IMPLEMENTED BY AIAL

Annexure EMP
- Environment Management Practices

At Ahmedabad Airport, two major zones based on specific operational requirements i.e. **Airside Zone**, and **landside zone**.

Total area is 388.29 Ha (959.46 Acers), The daily direct water supply to airport at present is from municipality and bore wells. For wastewater; handling we have well connected sewage collection system exists in SVPIA premise which carries sewage to existing STP of 0.5 MLD design capacity operated with MBBR technology.

The storm water run-off generated from airside areas, paved surfaces like runway, apron, taxiways, are collected through extensive network of pipe/RCC/open channels/storm water drains and conveyed through oil water separator units in order to discharge oil free water into rainwater storage pond.

Torrent power substation is the source of electricity and 15 DG sets for power backup installed on modular basis for Airside and Landside operation.

1400 KVA solar power panels on roof tops of existing structures.

All the waste handled inline to 5R principles of waste management (Reduce, Reuse, Recycle,
Recover, Reprocess) to avoid the disposal of waste back to the environment, and to be aligned to the vision of Zero Waste to Landfill.

Hazardous waste like Used Oil, Contaminated filters, Oily cotton waste, discarded drums etc. and handled in accordance with HWM rules 2016, amended till date. All other waste including biomedical waste, E-waste, C&D waste and others wastes disposed as per the applicable rules amended till date.

Positive socio-economic as large number of local people got both primary and secondary employment at SVPIA.

As part of Environmental management plan, following initiatives taken by SVPIA like Greening the Airport, Energy Conservation, Water Conservation, Wastewater Management, Solid Waste Management, Noise Management and Carbon Neutrality.
Apart from the estimation of the impacts on surrounding environment due to the various attributes during Airport Operations and its activities, also it intended to the environmental status of the following attributes:

- Ambient Air Quality within Airport Premises/Assets;
- Ambient Noise Level Monitoring within Airport Premises/Assets;
- Flight Path Area Noise Monitoring;
- STP Wastewater Quality;
- Drinking Water Quality;
- Ground Water Quality and
- DG Noise Level Monitoring

Energy Saving and other sustainability Measures.

- 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. (see the attached annexure B(vi)-1
- 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 (see the attached **Annexure B(vii)-2).** 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 source of energy for captive use and to reduce the GHG emissions. About 8 % electricity are generated form solar power is tapped
- All the conventional lights in Apron and airside area have been replaced with LED lights saving about 3.1 million units of electricity per annum.
- The temperature of the Chillers is increased from 7°C to 11-12°C as part of maintenance & controlling the temperature inside the Terminal. Through this measure, about 4.59 Lakh units per annum of electricity and corresponding emissions are reduced.
- The number of chillers at airport premises are optimally reduced by combining the chiller lines of Arrival & Departure areas as part of energy conservation. This initiative saved about 12.5 Lakh Units of electricity per annum.
- Temperature Controllers are installed for AHU operations. This initiative saved about 97 thousand Units of electricity per annum.
- Server rooms' air-condition is localized in place of centralized system to reduce energy consumption. This initiative saved about 1.25 Lakh Units of electricity per annum.
- Proactively controlled lighting systems are provided. The landside streetlights are made operational on timer basis according to the daylights. This initiative of proactive monitoring reduced usage of streetlights for about 1 hour per day.
- 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.)
- Fourteen Electrical vehicles (e-vehicles) [out of a total 40 vehicles] are replaced with existing conventional vehicles at AIAL, for commuting of passengers as well as staff within the airport premises to reduce the GHG emissions.

- All airside GSE vehicles are targeted to operate on electricity by 2025 in phased manner.
- Four Electrical vehicles (e-vehicles- Follow me vehicle at air side) and Two EV Charging Stations at airside are introduced during this assessment period.





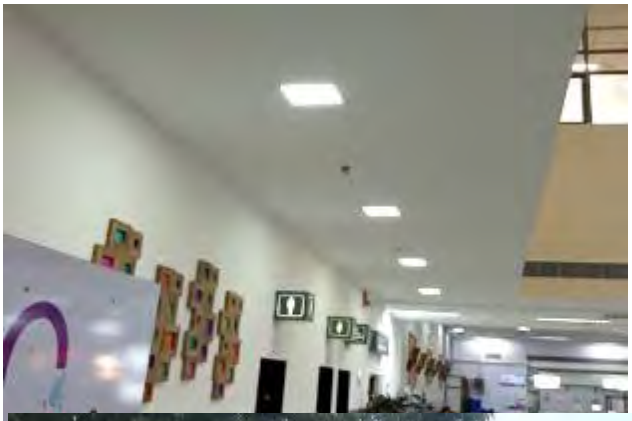


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Solid Waste

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

As a part of AIAL operation, 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.
- ✓ Well demarcated four waste collection points were established, where the segregated waste is collected, shifted to Waste yard situated at backend of the Airport.
- ✓ Waste Yard with proper spacing has been provided for further segregation of Mixed Waste.
- ✓ Recycling of major portion of solid waste generated at site is carried out (constructed a 500 sq m shed to segregate all types of wastes and send to recyclers).
- ✓ COVID-waste is being properly managed inline to the regulatory requirements.
- ✓ All the waste after proper segregation is given to the recognized agency M/s. Sharda Enterprises for further handling.
- ✓ Hazardous Waste is managed inline to the Hazardous Waste Management Rules 2016.
- ✓ Ahmedabad International Airport Ltd is taking measures for managing wastes under 5R principle & step ahead with a vision of Zero Waste to Landfill.

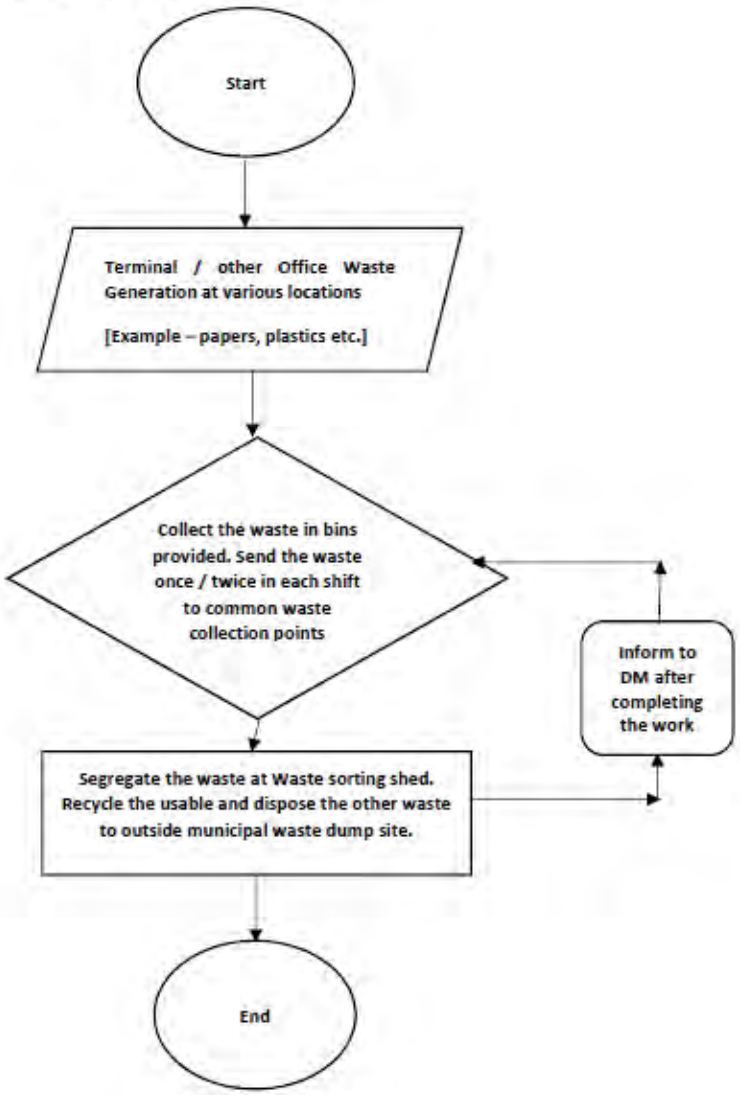






Regular cleaning of roads by Mechanized Sweeping Machines.

Time Limit for disposal – On daily basis



Water Conservation & Wastewater Management

- ✓ As part of water conservation, water aerators are used to reduce the throughput water from taps. Achieved water saving of about 1500 KL per month.
- ✓ Similarly, 208 sensor-based water taps have been installed at various washrooms, saving 30% of fresh water.
- ✓ Dry cleaning of solar panels is being carried out instead of water wash which saves about 5KL of water per month.
- ✓ 41 number of ground water recharging pits are maintained as part of rainwater harvesting.

- ✓ 100% wastewater generated at airport is treated in STP and utilized for gardening & horticulture purpose within the premises. Thereby saving 300 cum of fresh water per day.







Carbon Emissions Inventory & Carbon Neutrality

- 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 better R32 refrigerant based BEE 5 Star Rated AC's
- Transition to 100% use of Green Electricity by 2026

- Zero Waste to Landfill certification by 2026

And water positive by 2027

- Airport carbon emission inventory has been carried out and targets are set for achieving Carbon Neutrality of airport operations by FY2025 and net zero by 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. We have also targeted to **ACA Level 4 + Accreditation** by 2025

❖ **IMS Certification:**

✓ IMS certification (ISO 9001, ISO 14001, & ISO 45001) issued to AIAL.

AIAL has implemented Environment Management Plan by taking more effective measures, across the location and has already achieved IMS certification (ISO 9001, ISO 14001, & ISO 45001) since 2020.







❖ **Environment Monitoring**

✓ Regular Environment Monitoring being carried out at site and all the parameters are within the standard norms.

AIAL is effectively implementing Environment Management Plan across the site and is regularly carrying out Environment monitoring with respect to Air, Noise, Water, Soil etc. and reports are being submitted to all the regulatory authorities, as a part of Six-Monthly Compliance report.

Air Management:

Ambient Air Quality Monitoring is carried out by engaging MoEF&CC & NABL accredited laboratory and all the results are observed to be within Stipulated Standards Environment Monitoring for D.G Stack Flue Gas Emissions will be carried out by MoEF&CC and NABL accredited laboratory Adequate green cover of about 25 Acres has been developed as part of AIAL. Air Monitoring at SVPIA



Air Monitoring at SVPIA

Soil Management

Environment Monitoring for Soil Analysis is being carried out by MoEF&CC and NABL accredited laboratory and all the results are under the norms inline to stipulated standards.

- **Additional Measures**

- ✓ Non-destructive Wildlife Hazard Management techniques are practiced at SVPIA and as part of the same, organic chemical spray is carried out to control weeds & grass.
- ✓ Airside inspection is practiced at regular intervals and accordingly the wild animals such as langurs, monkeys etc are relocated to the safer areas (forest areas) to protect them from any accidents.

✓ Cumulative all environmental risk identified, and mitigation measures implemented as below table





Capacity Building Sessions at AIAL

Environment Risk Issues identified with mitigation measures.	**Implementation Status**
Greenbelt/ Green Cover Management	Green Space & Landscape development is an integral part of Airport Master Plan, which is an important element of its environmental sustainability measure. The green belt helps to capture the fugitive emissions and to attenuate the noise generated in the airport apart from improving the aesthetics of the airport site. The airport operations require careful selection of non-fruit bearing trees to be planted on airport premises, as part of airport safety measures.
Air quality in the vicinity of airports	Ambient Air Quality Monitoring is carried out by engaging NABL accredited reputed laboratory and all the results are observed to be well within the stipulated Regulatory norms. Environment Monitoring for D.G Stack Flue Gas Emissions is carried out using services of NABL accredited reputed laboratory. Adequate green cover is provided within airport site.

Atmosphere/ GHG/ Global environmental issues arising from airport use	Greenhouse Gas (GHG) emissions are gases which persist in the atmosphere. Absolute GHG emission reduction is being done through various interventions and collaborative efforts with our stakeholders. Also, we aspire to achieve leadership position in the Airport Carbon International's (ACI) Airport Carbon Accreditation Program.
Environmental issues arising from construction and expansion of airports or associated infrastructure	Proper maintenance of vehicles, sprinkling of water on roads at construction site, providing sufficient vegetation etc The wastewater generated from labour camps is treated through soak pits / and in captive STPs
Water courses/ Water and soil pollution in the vicinity of airports	Water sourcing strategy developed focusing with sustainable long term supply of water, handling of water with zero leakages, leakage monitoring mechanism, metering and disposal of waste water with fucus of 100% recycling it for non-portable utilization.
High Flood Level	There is no risk of floods as nearby rivers are connected with mega pipelines and storm water drains are well laid in the premises
Fire safety risk	Fire retardant material are used and minimize fire load at site during designed stage, Full-fledged firefighting facilities, adequate ARFF staff available at site round the clock.
ATF Tank Farm	Risk assessment done and ALARP level consideration done for the establishment.
Energy management	We are developing a green airport, with key objective of environmental sustainability to be achieved through, optimization in resource consumption and through adoption of following measures: Energy Optimization, Utilization of Solar/ Wind Energy, Natural Day Lighting Re-Cycling of Waste, Water Balance, Water Harvesting, Plantation & Landscape, Metro Transportation & Environment Management. Provided Variable Frequency Drives (VFDs) to HVAC secondary pumps, and STP blowers. Provided dual lighting system for main access roads Provided of metal Halide bulbs instead of florescent lamps

	Waste Heat Recovery (WHR) system to chillers Provision of energy efficient chilling system with non-CFC based refrigerants. We have installed 1400 KW capacity solar panels to utilize renewable source of energy for captive use 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.
Waste generation/ Waste at airports	Collection & Segregation of waste from the source, Waste bins are provided for dry & wet waste at all the locations including Airside, Landside & Terminals. Well demarcated four waste collection points, where the segregated waste is collected, shifted to Waste yard situated at backend of the Airport. Waste Yard with proper spacing has been provided for further segregation of Mixed Waste. All the waste after proper segregation is being given to the recognized agency. Further handling is done inline to 5R principles Hazardous Waste handled in line with the Hazardous Waste Management Rules 2016 and as part of way forward, Ahmedabad International Airport Ltd has their future plans for managing it's wastes under 5 R principal and step ahead with a vision of *Zero Waste to Landfill.*

World Environmental day , word ozone day, etc celebrated during this assessment period.

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Passenger engagement activities



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