Half Yearly Compliance Report

Sardar Vallabhbhai Patel International Airport

Ahmedabad

By:

Ahmedabad International Airport Ltd

EC granted for Master Plan Development

Vide EC Dated 11/11/2022

Compliance Period:

April 2023 to Sep 2023

Ahmedabad International Airport Limited, Ahmedabad has been granted Environmental Clearance vide EC no. EC22B029GJ165952, dated 11 Nov 2022 for Proposed Expansion of Ahmedabad International Airport Limited to enhance the Passenger Handling Capacity up to 40.33 MPPA & Cargo Handling Capacity up to 1.0 MTPA.

Components	**Units**	**Quantity**
Passenger handling	MPPA	40.33
Cargo handling	MTPA	1.0

TOTAL AREA BREAK UP

Area		
Total Land Area as per Concession Agreement	Ha	399.48
Parcel handing over to City Side Development	Ha	11.19
Additional Land Requirement	Ha	1.76
Total Proposed Land	Ha	390.05
Landuse		
Total Airside Area	Ha	326.29
Total Landside Area	Ha	63.76
Total Proposed Land	Ha	390.05

Terminal Details		
Total NITB Footprint	Ha	12.96
Cargo Complex footprint	Ha	5.7
Terminal Built-up	Sqm	**New Integrated Terminal Building (NITB)** is proposed to cater 40.33 MPPA with a built-up area of **approx. 4,00,000 Sq.m.** Planned to be a multi-level terminal with departure level at 13.0 m, arrival mezzanine at 5.5 m and arrival level at 0.0 m

Water Requirement, Wastewater Generation and STP

Water		
Total water requirement in operation phase	MLD	9.5
Total wastewater generation in operation phase	MLD	5.2
Proposed STP Capacity	MLD	5.5

Power		
Total Power Requirement	MVA	42
D.G Sets	MVA	25

Comprehensive Compliance Report of Environmental Clearance

Duration of Compliance Report	April 2023 To September 2023

1. EC Identification No.	EC22B029GJ165952
2. File No.	SIA/GJ/134807/2022
3. Project Type	Expansion
4. Category	B1
5. Project/Activity including Schedule No	7(a) Airports
6. Name of Project	Proposed Capacity Expansion of Sardar Vallabhbhai Patel International Airport (SVPIA) to Enhance the Passenger Handing Capacity to 40.33 MPPA & cargo handling capacity up to 1.0 MTPA.
7. Name of Company/Organization	Ahmedabad International Airport Limited
8. Location of Project	Gujarat

Particulars
No.SEIAA/GUJ/EC/7(a) 2694/2022
Date of EC granted on 11/11/2022
Environment Clearance for the Proposed Capacity Expansion of Sardar Vallabhbhai Patel international Airport (SVPIA) to Enhance the Passenger Handing Capacity to 40.33 MPPA & cargo handling capacity up to 1.0 MTPA., Hansol, Asarva, Naroda, Kotarpur, Sejpur bodha Sardarnagar, Ahmedabad by M/s Ahmedabad International Airport Limited. Construction project in Category 7(a) of Schedule annexed with EIA Notification dated 14/09/2006.
Proposal No.SIA/GJ/MIS/181117/2022.

CONDITION WISE COMPLIANCE

#	Specific Conditions	Compliance/ Status
A	**Project specific conditions**	
1	Proponent shall provide for lift, occupational health facility, life saving devices, automated external defibrillator (AED) and portable oxygen steady supply equipment's, operation working safety of the workers, bird hit prevention measures etc.	**Agreed to comply** Lifts/ escalators are available at all required locations in the existing terminal operational areas. Medical Examination Room is available at the terminal with important facilities like life saving devices, AED, portable oxygen steady supply equipment etc. Various bird hit prevention systems are provided at the site. All these facilities and systems will be suitably upgraded, modified and maintained as the master plan project progresses.

#	Specific Conditions	Compliance/ Status
2	Rainwater harvesting tanks with numbers and dimension shall be provided.	**Agreed to comply** For existing airport operations, 35 number of rainwater harvesting recharge pits are provided and maintained. Same will be upgraded and updated as a part of master plan.
3	Proponent shall provide Continues Ambient Air Quality Monitoring Devises (AAOM).	**Agreed to comply** Continuous Ambient Air Quality Monitoring (AAOM) equipment has been procured and being installed at the site.
4	Project Proponent have to submit detailed Traffic Management and decongestion reports.	**Agreed to comply** Traffic study and management plan has been submitted as part of environmental impact assessment study for which EC has been granted dated 11 Nov 2023.
5	Proponent shall submit the details of users/visitor's arrival maximum and minimum and submit the plan of safety health & Environment, risk assessment and hazard identification measures etc. in 6 months' time integrated IRO.MOEF&CC and SEIAA and make a presentation for field check etc.	**Agreed to comply** The report has been prepared and submitted to GPCB & IRO-MOEFCC vide our letter dated 8th Dec 2022. Attached as Annexure.
6	The treated wastewater discharge into AMC drainage line shall not exceed 89.04 KLD. Necessary permission from AMC shall be obtained for discharging of same in the drainage line. The treated water to be discharge should meet all standard limits prescribed as per the norms of GPCB/CPCB and competent authority shall display and inform to local bodies.	**Agreed to comply.** In line to present airport operations, 500 KLD STP has been installed with MBBR technology. At present the treated wastewater is being used for gardening, and horticultural requirements after necessary tests. STP will be expanded in a phased manner as per master plan development to treat the entire wastewater from the airport & the treated wastewater will be used for horticulture, HVAC and flushing purposes.
7	Project Proponent shall submit CER plan to respective Collectors, DDO and Municipal Commissioner/Urban Development Authority and implement of CER activities under intimation and guidance of the respective authorities.	**Agreed to comply** CER plan as submitted as part of EIA report will be implemented and details will be submitted to the respective authority
8	PP shall take all necessary steps for fire and life safety measures for fall protection, ladders and stairs, scaffolds, trenching and excavation, electrical safety, cranes, occupational noise exposure, welding and cutting etc.	**Agreed to comply** Detailed project safety risk assessment is being implemented at site. During construction and other project activities, fall protection, ladders, stairs, scaffolds, trances, electrical safety

#	Specific Conditions	Compliance/ Status
		implementations, crane safety and welding and cutting safety are considered in this detailed HIRA report. This will be a dynamic document and updated as and when activity starts.
9	The total parking area approved in EC should be earmarked with number of flats and allotment must be handed over to the maintenance of society when transferred with necessary notarized undertaking abide by all conditions of EC including disposal of waste, ventilation, lighting in basement area adequately	**Not Applicable** This is airport infrastructure development project and no residential activities are expected. Adequate parking will be provided as per site master plan for four-wheeler & two wheelers. For waste management, we are practicing waste collection from all terminals, internal transport to waste management facility, segregation in yard, recycling of sorted waste and moving towards our organization goal of *Zero Waste to Landfill* disposal. Segregated biodegradable waste is treated in organic waste converter which produce manure, used for gardening purpose. In current operations, proper ventilation and lighting is provided at all terminals and utilities area with AHU and other ventilations provision and same will be practiced during master plan work progress. Further in line with the master plan EC, we ensure that, waste recovery facility is operated in line with our vision for Zero Waste to Landfill.
10	Where construction activity is likely to cause noise nuisance to nearby residents, restrict operation hours between 7 AM to 6 PM	**Agreed to comply** All major noise generating construction activities will be carried out within the approved time frame as per norms. Regular noise monitoring will be conducted to monitor the noise generation due to construction activities.
11	Hazard identification and Risk Assessment for the project shall be carried out and adequate mitigation measures shall be adopted to ensure that all safety issues are addressed, the documentation shall be reviewed periodically and shall be submitted to the regional office along with six-monthly compliance report	**Agreed to comply** For present operations, detailed HIRA is in place and the same will be suitably updated for further implementation as and when commencement of master plan project related activities.

#	Specific Conditions	Compliance/ Status
12	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out be the project or other agencies in this 05 Km radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the state Urban Development Department and the P.W.D./competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments	**Agreed to comply** Traffic study and management plan has been submitted as part of environmental impact assessment study for which EC has been granted dated 11 Nov 2023.
13	Solar power generation capacity of 3 MW shall be established as Proposed	**Agreed to comply** For the existing operations of the airport 1.4MW solar power generation facility is available. Further as part of achieving carbon neutrality, 100% of airport power consumption will be through green sources to be achieved from FY25.
14	53 nos of rainwater recharge pits shall be provided as proposed. Rainwater harvesting structures shall conform to CGWA designs. Before recharging the surface, run off, pre-treatment must be done to remove suspended matter, oil and grease	**Agreed to comply** As a part of Rainwater harvesting structures 35 numbers of recharge pits have been provided. Further the same will be developed in line with master plan development and CGWA design norms
15	A certificate from the competent authority/ agency handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to M.S W generated from project	**Agreed to comply** For waste management, we are practicing waste collection from all terminals, internal transport to waste management facility, segregation in yard, recycling of sorted waste and moving towards our organization goal of *Zero Waste to Landfill* disposal. Segregated biodegradable waste is treated in an organic waste converter which produce manure, used for gardening purpose.
16	Fresh water requirement from local authority shall not exceed 9.5 MLD during final operational phase as	**Agreed to comply**

#	Specific Conditions	Compliance/ Status
	committed, no ground water abstraction shall be done during construction as well as operation phase of the project.	Fresh water demand for present airport operations is sourced from Ahmedabad Municipal Corporation (AMC) and ground water. The same sources will be continued in future along with treated recycled water from STP. We will take required approval form the concern statutory bodies and submit the same to ministry.
17	The wastewater generation shall be 5.20 MLD	**Agreed to comply**
18	As proposed, wastewater shall be treated in onsite STP 5.5 MILD capacity. Treated water from the STP shall be recycled and re-used for Landscaping or other purposes. There shall be no discharge of treated water from the project proponent	**Agreed to comply** In line to present airport operations, 500 KLD STP has been installed with MBBR technology. At present the treated wastewater is being used for gardening, and horticultural requirements after necessary tests. STP will be expanded in a phased manner as per master plan development to treat the entire wastewater from the airport & the treated wastewater will be used for horticulture, HVAC and flushing purposes.
19	The project Proponents would commission a third party study on their implementation of conditions related to the quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of a water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet scats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spay faucets attached to toilets	**Agreed to comply** Treated water will be reused for various purposes like flushing, gardening and utility. Detailed study as mentioned will be carried out and frequency of monitoring will be set as per environmental monitoring plan. Water sampling for bacteriological studies will be carried out.
20	Area provided for **green belt** shall be 12.33 Ha (30.48 acre) in landside and 142.47 Ha (353.04 acre) in airside. plantation to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the. detail provided in the project document'	**Agreed to comply** The existing green area will be suitably developed as per the norms. Further as a part of master plan, green area will be developed in line of airport Contextual plan.
21	PP shall explore the use of non-ozone depleting substances in air-conditioning systems	**Agreed to comply**

#	Specific Conditions	Compliance/ Status
		For the existing operations, we are exploring ODS free ACs & same will be practiced for master plan development also.
22	Multi-Level Car park (MLCP) shall be proposed for 2000-2500 vehicles in line with the business needs'	**Agreed to comply** For existing airport operations, adequate parking is provided. Further as part of master plan development, surface and multilevel car parking will be provided in line with the business requirements.
23	The pp shall also provide electric charging points in the parking areas for e-vehicles as committed	**Complied** At present, we have provided 4 charging stations suitable for charging cars & buses.
24	Airport shall be in line with the DGCA guideline and must have adequate fire and safety provisions	**Agreed to comply** The existing airport has DGCA license to operate and we are complying to the conditions of DGCA. Adequate fire & safety provisions are provided. All such systems will be suitably upgraded in accordance with airport development.
25	The Environmental Clearance to the project is primarily under provisions of EIA Notification 2006 The Project proponent is under obligation to obtain approvals/clearances under any other Acts Regulations or Statutes as applicable to the Project	**Agreed to comply**
B	**Standard Conditions**	**Compliance /status**
B1	**Statutory compliance**	
26	The project proponent shall obtain Consent to Establish/ operate under the provisions of Air (Prevention & control of pollution) Act, 1981 and the water Prevention & control of Pollution Act, 1974 from the concerned State Pollution Control Board / Committee.	**Agreed to comply**. Consent to establish form state pollution control board under the provisions of Air (Prevention & control of pollution) Act, 1981 and the Water Prevention & Control of Pollution Act, 1974 from the Gujarat State Pollution Control Board has been obtained. Copy the CTE is attached as **Annexure.**
27	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water from the competent authority concerned in case of drawl of surface water required for the project	**Agreed to comply** Fresh water demand for present airport operation source is AMC and ground water. And further source as a part of master plan development will be fresh water -AMC and bore and recycled water from STP.

#	Specific Conditions	Compliance/ Status
		We will take required approvals form the concerned statutory bodies and submit the same.
28	Clearance from Directorate General of Civil Aviation (DGCA) and Airports Authority of India (AAI) for safety and project Facilities shall be obtained'	**Agreed to comply**.
29	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.	**Agreed to comply** For existing airport operations, the electricity load certificate is available and the same will be suitably updated as per the stage wise power demand
30	All other statutory clearances such as the approvals of storage of diesel from chief controller of Explosives, Fire Department, civil Aviation and Department shall be obtained, as applicable by project proponents from the respective competent authorities	**Agreed to comply** As part of existing airport operations, required approvals from PESO, fire NOC etc have been taken. All similar approvals will be updated as per requirement in line with the progress of master plan activities.
B2	**Air quality monitoring and preservation**	
31	Project proponent shall install system to carry out (Ambient Air quality monitoring for common/criterion parameters relevant to the main pollutants released (PM10 and PM2.5 in reference to PM emission, and S02 and NOx in reference to SO2, and NOx emissions) within and outside the airport area at least at four locations covering upwind and downwind directions	**Agreed to comply.** As part of existing airport operations and environmental monitoring plan, we are monitoring at 4 locations and same will be continued in line with the master plan development.
32	Diesel power generating sets proposed as source of backup power should be equal to the height needed for the combined capacity of all the DG sets Use of low Sulphur diesel. The location of the DG sets may be decided within the consultation with the state pollution control board.	**Agreed to comply**. As part of existing airport operations, all the DG sets are being provided stack height in line with airport safety norms. Same will be practiced for master plan development also. We would like to highlight that we are committed to using low Sulphur diesel fuel for all DG sets. As part of consent to established application for the master plan, details of all the proposed DG set submitted to state pollution control board, for which CTE has been granted on 12 Oct 2022.
33	Soil and other construction materials should be sprayed with water prior to	**Agreed to comply.**

#	Specific Conditions	Compliance/ Status
	any loading, unloading or transfer operation as to maintain the dusty material wet.	To control dust emission, necessary mitigation measures like water sprinkling and cover for soil and other construction materials will be provided.
34	The excavation working area should be sprayed with water after operation so as to maintain the entire surface wet	**Agreed to comply**. The surface will be kept wet by sprinkling water on the excavation site.
35	Excavated materials shall be handled and transported in a manner that they do not cause any problems of air pollution	**Agreed to comply.**
36	The soil/construction materials carried by the vehicle should be covered by impervious sheeting to ensure that the dusty materials do not leak from the vehicle.	**Agreed to comply.**
B3	**Water quality monitoring and prevention**	
37	Run off from chemicals and other contaminants from aircraft maintenance and other area shall be suitably contained and treated before disposal. A spillage and contaminant plan shall be drawn up and implemented to satisfaction of state pollution control board	**Agreed to comply.** As part of present airport operations, spillage control plan is used. The same will be updated & implemented in line with the master plan development.
38	Proper drainage systems, emergency containment in the event of a major spill during monsoon season etc. shall be provided	**Agreed to comply.** As part of present airport operations, adequate drainage and storm water networks were installed. Same will be upgraded in line with master plan progress.
39	The runoff from paved structures like Runways, Taxiways, can be routed through drains to oil separation tanks and sedimentation basins before being discharged into rainwater harvesting structures	**Agreed to comply.**
40	Adequate capacity and numbers of Storm water drains are to be built for discharging storm water from the air-field to avoid flooding/ water logging in project area. Domestic and industrial wastewater shall not be allowed to be discharged into storm water drain	**Agreed to comply.** As per the existing airport operation, we do have storm water drainage plan defined and has been already implemented; further as par of master plan, that will be updated in line to the requirements.
41	Rainwater harvesting for roof man-off and surface run-off as plan submitted should be implemented. Rainwater ' harvesting structures shall conform to GGWA designs. Before recharging the surface run off, pretreatment must be	**Agreed to comply.** For existing airport operations 35 number of rainwater harvesting recharge pits are provided and maintained. Same will be upgraded as a part of master plan.

#	Specific Conditions	Compliance/ Status
	done to remove suspended matter, oil and grease.	
42	Prior permission from competent authority shall be obtained or use of fresh water.	**Agreed to comply** Same as point no 27.
43	A certificate from the competent, 'authority for discharging treated effluent, untreated effluents into the public sewer/disposal / drainage system along with the final disposal point should be obtained	**Agreed to comply.**
44	A detailed drainage plan for rainwater shall be drawn up and implemented.	**Agreed to comply.** Same as point no 38.
B4	**Noise monitoring and prevention**	
45	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the ministry as a part of six monthly.	**Agreed to comply.** As part of existing operations, Noise monitoring surveys are being carried out at 4 locations. Detailed reports are attached as **Annexure.** Further, same will be suitably continued in line to the environmental monitoring plan to the master plan.
46	Noise from vehicles, power machinery and equipment on-site should not exceed the prescribed limit. Equipment should be regularly serviced. Attention should also be given to muffler maintenance and enclosure of noisy equipment's compliance reports.	**Agreed to comply.** For the existing operation, we regularly monitor noise levels from the machinery. Similar practices will be followed. Suitable maintenance activities are being taken up.
47	Acoustic enclosures for DG sets, noise barriers for ground run bays ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.	**Agreed to comply.** As part of existing airport operations, all the DG sets at site have been provided with acoustic enclosures and ground staff are provided with earmuffs. Similar practices will be followed.
48	During airport operation period, noise should be controlled to ensure that it does not exceed the prescribed standards During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations	**Agreed to comply** Same as point no 45
B5	**Energy conservation measures**	
49	Energy conservation measures viz. maximum use of natural Lighting through architectural design, energy	**Agreed to comply**

#	Specific Conditions	Compliance/ Status
	efficient motors & pumps, water efficient taps, solar lights in open & solar streetlight, 3000 KW solar power generation' use of aerated blocks & RMC, use of LED lighting fixtures and low voltage lighting, rooftop thermal insulation etc. shall be implemented as proposed	As part of existing airport operations, following Energy conservations measures has been adopted: - LED light fixtures are installed - Water efficient faucets with auto control system is provided. - Natural lighting adopted. - 1400 KW solar panel installed. Further in line with the master plan progress following measures will be carried out. - Carbon neutrality is planned to achieve by year 2025 - Development of green building certificates for new buildings. - Energy efficient purchases such as motors and pumps etc..
B6	**Waste management**	
50	Soil stockpile shall be managed in such a manner that dust emission and sediments runoff are minimized. Ensure that, soil stockpiles are designed with no slop greater than 2:1 (horizontal: vertical)	**Agreed to comply**
51	The project activity shall confirm to the fly ash notification issued under the E.P. act of 1986	**Agreed to comply**
52	Solid inert waste found on construction site consist of building rubble, demolition material, concreates, bricks, timber plastic, glass metals, bitumen etc. shall be reuse, recycled or disposed as per solid waste management rules 2016 and construction and demolition waste management rules 2016.	**Agreed to comply**
53	Any waste from the construction and demolition activities related thereto managed so as to strictly confirmed with construction and demolition waste management rules 2016	**Agreed to comply**
54	The project proponent shall implement management plan duly approved by state pollution control board and obtained its permissions for the safe handling and disposal of -	**Agreed to comply**
55	Trash collected in light and disposed at the airport including segregation, collection and disposal	**Agreed to comply**
56	Toilet waste and sewage collected from aircrafts and disposed at airport	**Agreed to comply**
57	Waste arising out of maintenance and workshops waste arising out from	**Agreed to comply**

#	Specific Conditions	Compliance/ Status
	eateries and shops situated inside the airport complex.	
58	Hazardous and other wastes	**Agreed to comply** As existing airport operations, all the hazardous waste has been handled as per hazardous waste management rules and same will be practiced for future master plan progress.
59	The solid waste shall be segregated as per norms of the solid waste management rules 2016, recycling of waste such as paper, glass produced from the terminals and aircraft caterers , metal (from aircraft maintenance site) , plastic (from aircraft, terminals and offices , wood , waste oil and solvents (from maintenance and engineering operations), kitchen waste and vegetable oils (from caterers) shall be carried out. Solid waste shall be disposed in accordance with the solid waste management rules 2016 as amended	**Agreed to comply** For waste management, we are practicing waste collection from all terminals, internal transport to waste management facility, segregation in yard, recycling of sorted waste and moving towards our organization goal of *Zero Waste to Landfill* disposal. Segregated biodegradable waste is treated in an organic waste converter which produce manure, used for gardening purpose.
60	Used CFLs and TPLs should be properly collected and disposed off /sent for recycling as per the prevailing guidelines/rules in the regulatory author to avoid mercury contamination.	**Agreed to comply**
61	Construction spoils, including bituminous materials and other hazardous materials must not be allowed to contaminated water courses, and the dump sites for such material must be secured so that they should not leach into ground water.	**Agreed to comply**
B7	**Green belt**	
62	Green belt of 12.33 Ha (30.48 acre) in landside and 142.47 Ha (353.54 acre) in the airside shall be developed with native tree species in accordance with forest department as per green belt development plan	**Agreed to comply** The existing green cover area will be suitably developed in line of airport Contextual plan
63	Topsoil shall be separately stored and used in the development of the green belt.	**Agreed to comply**
B8	**Public hearing and human health issues**	
64	As per the TOP issued by MOEF&CC vide file No 21-36/2022-IA-III dated 29 March 2022, public hearing was exempted by the committee ad per para 7(ii) of EIA notification 2026 and its subsequent amendments	**Point Noted**

#	Specific Conditions	Compliance/ Status
65	Construction site should be adequately barricaded before the construction begins	**Agreed to comply**
66	Traffic congestion near the entry and exit points from road adjoining the airport shall be avoided. Parking should be fully internalized and no public space should be utilized	**Agreed to comply** For existing operations, adequate exit and entry gate are provided with suitable traffic management plan. Exclusive spaces for taxi parking and private vehicle parking are provided. Same will be suitably augmented and improvised in line to master plan.
67	Provision of electromechanical door for toilets meant for disabled passengers. Children nursing/feeding room to be located conveniently near arrival and departure gates	**Agreed to comply** The same will be considered in site master plan.
68	Emergency preparedness plan based on the hazard identification and risk assessment (HIRA), and disaster management plan shall be implemented	**Agreed to comply**
69	Provision shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	**Agreed to comply**
70	Occupational health surveillance of the workers shall be done on as regular bases.	**Agreed to comply**
B9	**Corporate environmental responsibility**	
71	The project proponent shall allocate the separate fund as committed before SEAC for activities like conversion of airport owed conventional vehicles operated of fossil fuel to electrical vehicles. Electrical vehicle charging station, solar power plant, green area development near Bhat village and surrounding areas. Activities proposed under corporate environment responsibility (CER) shall be part of Environmental management plan (EMP) as per the MOEF&CC's OM on F. No. 22-65/2017-IA.III dated 30.09.2020. The said activities shall be completed within 10 years from the commencement of the project. The CER shall be monitored, and	**Agreed to comply** CER plan submitted as part of EIA report will be implemented and details will be submitted to the respective authority.

#	Specific Conditions	Compliance/ Status
	the monitoring report shall be submitted to the regional office of MOEF&CC ad part of half -yearly compliance report and to the district collector. The monitoring report shall be posted on website of the project proponent.	
B10	**Miscellaneous**	
72	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it all least in two local newspapers of the district or state, of which one shall be in vernacular language within seven days and in addition this shall also be displayed in project proponent website permanently.	**Complied**, We have informed to public about the project environmental clearance issued by the Ministry by advertising the same in local newspapers as well as uploaded environmental clearance copy on our AIAL website. Copy of the newspaper advertisement is given as **Annexure.**
73	The copies of the environmental clearance shall be submitted by the project proponents to the head of local bodies, panchayats, and municipal bodies in addition to the relevant offices of the government who in turn has to display the same for 30 days for the date of receipt. The project proponent shall upload the status of the compliance o the stipulated environment clearance conditions, including results of monitoring data on their website and update the same on half yearly basis.	**Complied**, Copy of environmental clearance letter has been submitted to the concerned gram panchayat, district collector, taluka development officer. Copy of the submitted letter is given as **Annexure.**
74	The project proponent shall submit six monthly reports on the status of the compliance of the stipulated environmental conditions of the website of the ministry of environmental a, forest a climate change at environment clearance portal.	**Agreed to comply** The previous half yearly compliance report was submitted on 30th June 2023. Copy of the communication is attached a**s Annexure.**
75	The company shall have as well laid down environmental policy duly approved by the board of director. The environmental policy should prescribe or standard operating procedure to have proper checks and balances and to bring into foes any infringements/deviations/violation of the environmental forest/wildlife, norms /conditions. The company shall have defined system of reporting infringements/deviation/violation of the	**Agreed to comply** We have duly approved environmental policy, SOPs to manage the environmental management plan.

#	Specific Conditions	Compliance/ Status
	environmental forest/wildlife norms/conditions and or shareholder's /stack holders. The copy of the board resolution in this regard shall be submitted to the MOEF&CC ad part of six-monthly reports.	
76	The separate development cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior executive, who will directly report to the head of the organization.	**Agreed to comply**
77	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise fund earmarked for environment protection measures shall be kept in the separate account and not to be diverted for any other purpose. Year wise progress of the implementation of taction plan shall be reported to the ministry/regional office along with the six-monthly compliance reports.	**Agreed to comply**
78	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	**Agreed to comply**
79	The project proponent shall submit, the environmental statement for each financial year in form -V to the concerned state pollution control board ad prescribed under the environmental (protection) rules 1986, as amended subsequently and put on the website of the company.	**Agreed to comply.** Environment statement for each financial year is being prepared and submitted to State Pollution Control Board regularly. The copy of the form 5 is attached as **Annexure** We will continue to practice the same.
80	The criteria pollution level namely PM10, PM2.5, Sox, NOx (ambient level shall be monitored and displayed at the convenient location near the main gate of the company in the public domain.	**Agreed to comply**
81	The project proponent shall inform the regional office as well as the concerned authorities, commencing the land development work and start of production and operation by the project. The project authorities must strictly adhere to the stipulations made by the state pollution control board and the state government.	**Agreed to comply**

#	Specific Conditions	Compliance/ Status
82	The project proponent shall abide by all the commitments and recommendations made in EIA/EMP report commitment made therein.	**Agreed to comply**
83	No further expansion or modifications in the plant shall be carried out without prior approval of the ministry of environment, forest and climate change (MOEF&CC)/SEIAA.	**Agreed to comply**
84	Concealing factual data or submission of false fabricated data may result in revocation of the environmental clearance and attract actions under the provisions of environmental protection act 1980.	**Agreed to comply**
85	The ministry may revoke or suspend the clearance if implementation of any of the above conditions is not satisfactory.	**Agreed to comply**
86	The ministry reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions	**Agreed to comply**
87	The regional office of the ministry shall monitor compliance of the stipulated conditions. The project authority should extend full cooperation to the officer(s) of the regional office by furnishing the requisite data, information, monitoring reports.	**Agreed to comply**
88	The above conditions shall be enforce, inter-alia under the provisions of the water (prevention & control of pollution act 1974, the air prevention & control of pollution act 1981, the environmental (protection) act 1986, Hazardous and other waste (management and transboundary movement) rules 2016 and public liability insurance act 1991 along with their amendments and rules and any other orders passed by the Hon'ble supreme court of India/high courts/NGT and any other court of law relating to the subject matter.	**Agreed to comply**
89	Any appeal against this EC shall lie with the national green tribunal, if preferred, within a period of 30 days as prescribed under section 16 of the national green tribunal act 2010.	**Agreed to comply**

LIST OF ANNEXURES:

Annexure	Name of the Annexure
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Annexure	Consent to Establish for Master Plan Project
Annexure	Noise Monitoring Survey
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Annexure	Submittal of Copy of environmental clearance letter to Municipal Corporation
Annexure	Previous submittal of Half yearly EC compliance report
Annexure	Form 5 (as per existing CCA condition)

ANNEXURE

Communication to GPCB & IRO-MOEFCC vide our letter dated 8th Dec 2022

adani

AIAL/HSE/22-23/09

8th Dec 2022

To
Member Secretary
State Level Environment Impact Assessment Authority Gujarat
Gujarat Pollution Control Board,
"Paryavaran Bhavan" Sector-10 A,
Gandhinagar-382010

Subject: Environment Clearance for the Proposed Capacity Expansion of Sardar Vallabhbhai Patel International Airport (SVPIA), Ahmedabad by M/s Ahmedabad International Airport Limited

Ref : Environmental Clearance vide File no SIA/GJ/134807/2022 dated 11th November 2022 [Project Specific Condition A (5)].

Dear Sir

This is to appraise you that Ahmedabad International Airport Ltd has obtained Environmental Clearance for the Proposed Capacity Expansion of Sardar Vallabhbhai Patel International Airport (SVPIA) to enhance the passenger handing capacity to 40.33 MPPA & cargo handling capacity up to 1.0 MTPA, by State Environment Impact Assessment Authority (SEIAA), Gujarat, vide EC identification No EC22B029GJ165952, File no SIA/GJ/134807/2022 dated 11th November 2022.

In compliance to the Project Specific Condition A (5) of the said Environmental Clearance, we herewith submit you the details of passenger arrival, our Safety, Health & Environment plans, Risk Assessment and Hazard Identification measures.

We hope you will find the data in order.

Yours Sincerely
For, Ahmedabad International Airport Limited

Ahmedabad International Airport Ltd. Ahmedabad

Binu Varghese
Head – Airport Operations

Copy to:

- **Inspector of Regional Office, Integrated Regional Office, Ministry of Environment and Forests, Aranya Bhavan, Sector-10, Gandhinagar-382010**

Ahmedabad International Airport Ltd
(Formerly known as Adani Ahmedabad International Airport Ltd)
Terminal-1 Building, 1st Floor
Sardar Vallabhbhai Patel International Airport
Ahmedabad 382 475
Gujarat, India
CIN: U63030GJ2019PLC110076

Tel. +91 79 2555 4700
Fax +91 79 2555 4700
adaniairports@adani.com

www.ahmedabad.adaniairports.com

Registered Office: Adani Corporate House, Shantigram, Near Vaishno Devi Circle, S. G. Highway, Khodiyar, Ahmedabad – 382 421

ANNEXURE:
Consent to Establish for
Master Plan Project

GUJARAT POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN
Sector-10-A, **Gandhinagar** 382010
Phone : (079) 23222425
(079) 23222152
Fax : (079) 23232156
Website : www.gpcb.gov.in

GPCB

Application For CTE After TOR

File No : GPCB/ **(PCB ID. - 10150)** 21153 **CTE-58203** 12/10/22

To,
M/s. Adani Ahmedabad International Airport Ltd (Old Name-Airport Authority Of India),
Plot No: Phase No:, SARDAR PATEL INTERNATIONAL AIRPORT, ,
City :AHMEDABAD ,
Dist : Ahmedabad ,
Taluka : Ahmedabad

Sub: Consent to Establish (After obtaining Terms Of Rrference For Environment Clearance) under Section 25 of Water Act 1974 and Section 21 of Air Act 1981.

Ref: (1) Your online application No. 265531 dated 26/09/2022

(2) TOR issued by Central Authority vide their letter no. 21-36/2022-IA-III Dated 29/03/2022

Sir,

Without prejudice to the powers of this Board under the Water (Prevention and Control of Pollution) Act-1974, the Air Act-1981 and the Environment (Protection) Act-1986 and without reducing your responsibilities under the said Acts in any way, this is to inform you that this Board grants **Consent to Establish (After obtaining Terms Of Rrference For Environment Clearance) under Section 25 of Water Act 1974 and Section 21 of Air Act 1981** for manufacturing of products as mentioned into the application of Environment Clearance (EC) for which TOR is granted vide letter under reference no (2) above.

Consent To Establish Is Granted Subject To The Following Conditions: -

1) The validity period of this CTE shall be Seven Years from the issue of this order.
2) Applicant shall strictly comply with all conditions stipulated by competent authority in the order of Environment Clearance to be issued in reference to TOR issued vide letter under reference No. : 2 above.
3) The applicant shall however , not without the prior concern of the Board. Bring into use any new or altered outlet for the discharge of effluent or gaseous emission or sewage waste from the proposed industrial plant. The applicant is required to make applications to this Board for this purpose in the prescribed forms under the provisions of the water Act - 1974, the Air - 1981 and the Environment (Protection) Act - 1986.

For and on behalf of
Gujarat Pollution Control Board

Dr. Tallika Patel
ROH - Ahmedabad (City)

- This order is issued to **Plot No: Phase No:, SARDAR PATEL INTERNATIONAL AIRPORT, , City :AHMEDABAD, Dist : Ahmedabad, Taluka : Ahmedabad (10150)** for CTE amendment after obtaining EC.

GUJARAT POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN
Sector-10-A, Gandhinagar-382 010
Phone : (079) 23226295
Fax : (079) 23232156
Website : www.gpcb.gov.in

GPCB

BY R.P.A.D.

Consent to Establish
CTE Amendment No. 119425

NO: GPCB/ABD/AMC/CCA-519(6)/ID: 10150/677639 **Date: 11/07/2022**

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

Sub: Amendment to CTE under Section 25 of Water Act 1974 and Section 21 of Air Act 1981.
Ref: Your application inward no: 256016 dated 04/05/2022.

Sir,

Without prejudice to the powers of this Board under the Water (Prevention and Control of Pollution) Act-1974, the Air Act-1981 and the Environment (Protection) Act-1986 and without reducing your responsibilities under the said Acts in any way, this is to inform you that this Board Grants **Amendment to Consent to Establish** to set up STP of total 500 KLD capacity at **Sardar Patel International Airport, Ahmedabad** as below:

Sr. No.	Capacity	Quantity (KLD)		
		Existing	Proposed	Total
1.	STP	84.33	415.67	500

- **The Validity period of the order will be up to 31/05/2029.**

SPECIFIC CONDITIONS:

1. **Unit shall comply with the order of the Hon'ble High Court in the matter of writ petition no.PIL 98/2021 and PIL 110/2021.**
2. **Unit shall not withdraw Ground Water without prior NOC of CGWA as per Hon'ble NGT order.**
3. **Industry shall manage Solid Wastes generated from industrial activities as per Solid Waste Management Rules-2016 (solid waste as defined in Rule-3(46))**

CONDITIONS UNDER WATER ACT 1974:

1. Source of water: **AMC + Bore well.**
2. The quantity of domestic water consumption shall be increase from **500 KL/Day to 600 KL/Day,** due to CTE-Amendment.
3. The quantity of domestic sewage after CTE-Amendment, shall be increase from **84.33 KL/Day to 475 KL/Day,** due to CTE-Amendment.

4. Applicant shall provided STP of adequate capacity so that treated effluent conforming following norms.

Parameter	Standards
pH	5.5-9.0
BOD	10 mg/L
COD	50 mg/L
Total Suspended solids (TSS)	20 mg/L
Total Nitrozen (TN)	10 mg/L
Total Phosphorous	01 mg/L
NH_4N	--
Fecal Coliform	230 N/100 ml

5. Treated domestic effluent conforming to above norms shall be discharged on land for gardening/plantation within premises (390 KLD) upto maximum extent & remaining **(84.33 KLD)** shall be discharged into AMC drain.

6. Industry shall provide fixed pipeline with flow meter for even distribution and treated sewage for garden/plant.

7. Flow meter shall be provided at inlet line of sewage & at the outlet of the sewage discharge line.

CONDITIONS UNDER THE AIR ACT:

8. There shall be no change in exiting fuel consumption type of fuel & flue gases stack due to CTE amendment.

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

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

Sr. No.	Pollutant	Time Weighted Average	Concentration in Ambient air
1.	Sulphur Dioxide (SO2), µg/ m^3.	Annual 24 Hours	50 80
2.	Nitrogen Dioxide (NO2), µg/ m^3	Annual 24 Hours	40 80
3.	Particulate Matter (Size less than 10 µm) OR PM10 µg/ m^3	Annual 24 Hours	60 100
4.	Particulate Matter (Size less than 2.5 mm) OR PM 2.5 µg/m^3	Annual 24 Hours	40 60

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

GPCB

GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN
Sector-10-A, **Gandhinagar**-382 010
Phone : (079) 23226295
Fax : (079) 23232156
Website : www.gpcb.gov.in

CONDITIONS UNDER HAZARDOUS WASTE:

12. Applicant shall have to comply with provisions of Hazardous and other Waste (Management and Trans Boundary Movement) Rules 2016.
13. The applicant shall obtain membership of common TSDF site for disposal of Hazardous waste as categorized in Hazardous and other Waste (Management and Trans Boundary Movement) Rules 2016.
14. The applicant shall obtain membership of common Hazardous Waste incinerator for disposal of incinerable waste.
15. The applicant shall provide temporary storage facilities for each type of Hazardous Waste as per Hazardous and other Waste (Management and Trans Boundary Movement) Rules 2016.
16. The applicant shall obtain registration/authorization for recycling/reprocessing any hazardous waste before procuring material/starting production as per HW Rules 2016.
17. The applicant shall obtain authorization for recovery/reuses of any hazardous waste material as per HW Rules 2016.

GENERAL CONDITION:

18. Adequate plantation shall be carried out all along the periphery of the industrial premises in such a way that the density of plantation is at least 1000 trees per acre of land and a green belt of adequate meters' width is developed.
19. The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gaseous emission or sewage waste from the proposed industrial plant. The applicant is required to make applications to this Board for this purpose in the prescribed forms under the provisions of the Water Act-1974, the Air Act-1981 and the Environment (Protection) Act-1986.
20. Applicant is required to comply with the Environment (Protection) Act-1986.
21. If it is established by any competent authority that the damage is caused due to their industrial activities to any person or his property, in that case they are obliged to pay the compensation as determined by the competent authority.
22. Unit shall have to comply with Hazardous and Other Wastes (Management & T.M.) Rules-2016.

For and on behalf of
Gujarat Pollution Control Board

(Smt U.K. Upadhyay)
Senior Environment Engineer

ANNEXURE
NOISE MONITORING REPORT

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.				

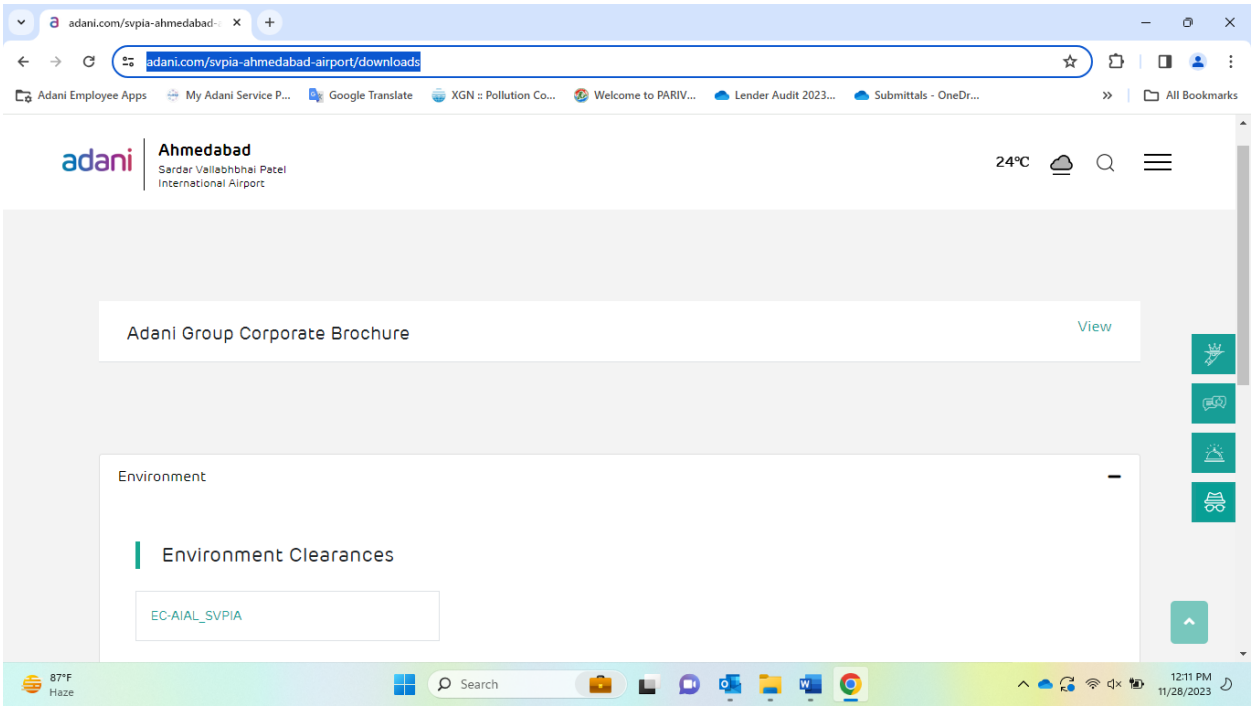
Annexure

Website Screenshot showing EC copy uploaded on website

Annexure 72.2

Website screenshot showing, EC copy uploaded on website

https://www.adani.com/svpia-ahmedabad-airport/downloads



ANNEXURE

SUBMITTAL OF COPY OF ENVIRONMENTAL CLEARANCE LETTER TO MUNICIPAL CORPORATION

adani

O/C

ઉપરોક્ત વહીવટી
ઇ.તં./ઝો.ઓ.: 5473
તારીખ : 2/12/22

AIAL/HSE/22-23/05

27.11.2022

To
The Deputy Municipal Commissioner (North Zone)
Rajiv Gandhi Bhavan,
Near Memco Cross Road, Naroda Rd,
Ahmedabad.

Subject: Submission of Environment Clearance and request to display it on the notice board of AMC for 30 days.

Ref : Environmental Clearance vide File no SIA/GJ/134807/2022 dated 11th November 2022

Dear Sir

This is to appraise you that Ahmedabad International Airport Ltd has obtained Environmental Clearance for the Proposed Capacity Expansion of Sardar Vallabhbhai Patel International Airport (SVPIA) to enhance the passenger handing capacity to 40.33 MPPA & cargo handling capacity up to 1.0 MTPA, by State Environment Impact Assessment Authority (SEIAA), Gujarat, vide EC identification No EC22B029GJ165952, File no SIA/GJ/134807/2022 dated 11th November 2022.

As per the Standard Condition B.10 (73), the copy of Environment Clearance is required to be submitted to the heads of local bodies, Panchayats and Municipal bodies, in addition to the relevant offices of Government for further display of the same.

In compliance to the above point, we hereby submit the final copy of Environment clearance to your office and further request you to display a copy of attached Environment Clearance on the notice board of Hansol, Asarva, Naroda, Kotarpur, Sejpurbodha and Sardarnagar for 30 days.

Yours Sincerely
For, Ahmedabad International Airport Limited

Chief Airport Officer AIAL

Hitarth Mankodi
Chief Airport Officer

U.M.R.A
2/12/22

S.W.M. Dept. AMC

CC : The Ward Officer, Sardarnagar Ward.

Ahmedabad International Airport Ltd
(Formerly known as Adani Ahmedabad International Airport Ltd)
Terminal-1 Building, 1st Floor
Sardar Vallabhbhai Patel International Airport
Ahmedabad 382 475
Gujarat, India
CIN: U63030GJ2019PLC110076

Tel. +91 79 2555 4700
Fax +91 79 2555 4700
adaniairports@adani.com

www.ahmedabad.adaniairports.com

Registered Office: Adani Corporate House, Shantigram, Near Vaishno Devi Circle, S. G. Highway, Khodiyar, Ahmedabad – 382 421

ANNEXURE
PREVIOUS SUBMITTAL OF
HALF YEARLY EC COMPLIANCE REPORT

Chirag Paregi

From:	Kolla V Kishore Babu
Sent:	Thursday, June 1, 2023 8:14 PM
To:	iro.gandhingr-mefcc@gov.in; eccomplinace-guj@gov.in
Cc:	rowz.bpl-mef@nic.in; ms-gpcb@gujarat.gov.in; ro-gpcb-ahmc@gujarat.gov.in; nro-gpcb-ahmc@gujarat.gov.in; ec-rdw.cpcb@gov.in; westzonecpcb@yahoo.com; mefcc.ia3@gmail.com; monitoring-ec@nic.in; cao ahmedabadairport; Hitarth Mankodi; Binu Varghese; Shalin Shah; Azharuddin Kazi; Chirag Paregi; Kriti Jain; Ashwani Kumar
Subject:	Half Yearly Compliance Reports for EC issued to SVPI Airport Master Plan Dvt, Ahmedabad, Gujarat
Attachments:	EC issued to SVPI Master Plan Dvt.pdf; Complaice Report to EC Master Plan- Oct 22 to Mar 23.pdf
Importance:	High

To
The Dy. Director General
MoEF&CC, Integrated Regional Office - Gandhi Nagar

CC:
1) The Director (IA Division), MoEF&CC, Indira Paryavaran Bhawan, New Delhi
2) The Zonal Officer, CPCB – Western Region, Vadodara
3) Member Secretary, GPCB, Paryavaran Bhavan, Gandhi Nagar
4) Regional Officer (Ahmedabad), GPCB, Gandhinagar
5) The Chief Conservator of Forests, MoEF Regional Office, Bhopal

Dear Sir

With reference to the Environmental Clearance issued to Sardar Vallabhbhai Patel International (SVPI) Airport, Ahmedabad vide Clearance letter F.No. SIA/GJ/134807/2022, we herewith submit the condition-wise compliance report against the issued clearance order for the period of Oct 2022 to Mar 2023.

Hope you will find the above in order.
Request for kind consideration and acknowledgement.

Thanking you sir.

Yours Sincerely
For, M/s Ahmedabad International Airport Limited, Ahmedabad

Kishore Babu
Head – Environmental Compliances
Phone: 7680023090

ANNEXURE

FORM 5

(AS PER EXISTING CCA CONDITION)

Environment Statement for 2022-23
Sardar Vallabhbhai Patel International Airport, Ahmedabad
Adani Ahmedabad International Airport Ltd

(PCB ID: 10150)

FORM V
(See Rule 14)

Environmental Statement for the period from 1st April 2022 to 31st March 2023

PART – A

(i)	Name and address of the Owner/ Occupier of the Industry Operation or Process	:	Mr. Nirav Shah Chief Airport Officer Adani Ahmedabad International Airport Ltd (AAIAL) Terminal-1, SVPI Airport Ahmedabad Gujarat 380009
(ii)	Industry Category Primary (STC Code) Secondary (STC Code)	:	Red-Large NA NA
(iii)	Production Capacity	:	**AAIAL is an Airport Operator and do not involve in any manufacturing.** AAIAL has entered into the Concession Agreement with AAI vide agreement dated 14th Feb 2020. In compliance to this concession agreement, commercial operations of the airport [Commercial Operation Date (COD)] from 7th Nov 2020. From the date of COD that is 7th Nov 2020, AAIAL is the operator of Sardar Vallabhbhai Patel International Airport (SVPIA), Ahmedabad. Environment Clearance (EC), which was granted to Sardar Vallabhbhai Patel International Airport (SVPIA) vide dtd. 31st July 2006 has been transferred to of Adani Ahmedabad International Airport Ltd (AAIAL) vide EC order dated 17th June 2021. For FY 2023, Considering future passenger & cargo forecast, Ahmedabad International Airport Ltd. (AIAL) (formerly known as Adani Ahmedabad International Airport Ltd.) has obtained Environment Clearance (EC) for Master Plan development of Sardar Vallabhbhai Patel International Airport (SVPIA) vide 11th November 2022 and further Consent to Establish (CTE) has been accorded vide order no. 58203, dated 12th October 2022.

Environment Statement for 2022-23
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In FY 2023, CCA amendment application has been submitted as a part of existing SVPIA operations, for which CtE amendment has already been accorded by GPCB vide order no. 119425 on 11th July 2022 (regularizing Wastewater generation STP capacity & Hazardous waste).

In view of the above, we have requested board that that CTE Amendment 119425 dated 11th July 2022 be considered for our CCA Amendment Application vide ID no. ID 275291 dated 23rd February 2023.

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

(v) Date of last Environment Statement submitted : 29th Sep 2023 for the FY 2021-22.

PART – B

Water and Raw Material Consumption

(i) Water Consumption*

Water Consumption	Average Cu. Mtr./Day
Process	Nil#
Domestic	292
Industrial	262

 # AAIAL is an Airport Operator and does not involve in any manufacturing process.

*Details of the Monthly Water Consumption for the period [Apr22 – Mar23] is enclosed as **Annexure – 1**

Details	Process Water Consumption per Passenger*	
	During the previous financial year (2021-22)	During the current financial year (2022-23)
Water consumption per passenger handled*	0.037 KL/ Passenger handled	0.020 KL/ Passenger handled

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

The water consumption details for the period of Apr 22 – Mar 23 is mentioned above.

Environment Statement for 2022-23
Sardar Vallabhbhai Patel International Airport, Ahmedabad
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(PCB ID: 10150)

(ii) Raw Material Consumption

Name of Raw Material	Name of Products/Types of Cargos and passenger handled	Consumption of Raw Material per Unit of output/ Passengers handled	
		During the previous financial year (2021-22)	During the current financial year (2022-23)
Passenger Handled*	Raw material – NA Passenger Handled	Raw Material -NA 5670896	Raw Material -NA 10165465

*** AAIAL is an Airport Operator and does not involve in any manufacturing process so here, raw material is not applicable, but we have mentioned passenger handled per annum.**

PART – C

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

Pollutants	Quantity of pollutants discharged (Mass/day)		Concentrations of pollutants in discharges		Percentage of variation from prescribed standards with reasons
(a) Waste Water	**Parameters**	**Avg. Mass Kg/Day**	**Parameters**	**Avg.**	There is no variation from prescribed standards in terms of quality of wastewater discharge. 1. Wastewater generated is treated in existing STP 2. Treated wastewater during the period April 2022 to March 2023. was utilized for horticulture / greenbelt purposes. Summary of Analysis reports of treated water are enclosed as **Annexure – 4**
	pH	--	pH	7.51	
	Total Suspended Solids	4.2	Total Suspended Solids (mg/l)	16.12	
	BOD (5 Days @ 20 °C)	2.6	BOD (5 Days @ 20°C) (mg/l)	9.89	
	Total Residual Chlorine	0.11	Total Residual Chlorine (mg//l)	0.43	
	COD	9.2	COD (mg/l)	34.99	
(b) Air	**Parameters**	**Avg. Mass Kg/Day**	**Parameters**	**Avg.**	As part of Environment Monitoring programme, DG set flue gas monitoring is carried out (Half monthly / quarterly). The data of D.G Set Stack Monitoring has for FY 2023 is attached as **Annexure 5** Overall AAQM summery attached as **Annexure 6**
	Particulate Matter (PM)	1.04	Particulate Matter (mg/Nm^3)	47.1	
	Sulphur Dioxide (SO_2)	0.13	Sulphur Dioxide (PPM)	55.8	
	Nitrogen Oxide (NO_x)	0.13	Nitrogen Oxide (NO_x) (PPM)	55.7	

Environment Statement for 2022-23
Sardar Vallabhbhai Patel International Airport, Ahmedabad
Adani Ahmedabad International Airport Ltd

(PCB ID: 10150)

PART – D

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

Hazardous Wastes	Category	Disposal Method	Total Quantity (MT)	
			During the previous financial year (2021-22)	During the current financial year (2022-23)
(a) From Process	Used Oil	Recycle (Send to recycler) or reuse	0.81 KL	0.5* KL
(b) From Pollution Control facilities				

*Used generated in FY 2023 within premises were used for internal consumption for fire drill and lubrication purpose.

PART – E

Solid Waste

Solid Waste	Total Quantity Generated (MT/Annum)	
	During the previous financial year (2021-22)	During the current financial year (2022-23)
(a) From Process (Ash)	Nil	Nil
(b) From Pollution Control facilities	**MSW solid waste management Refer Annexure – 2**	

Environment Statement for 2022-23
Sardar Vallabhbhai Patel International Airport, Ahmedabad
Adani Ahmedabad International Airport Ltd

(PCB ID: 10150)

PART-F

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

Description of Hazardous /Solid Wastes	Physical Form	Mode of Disposal
Used oil	Liquid hydrocarbon	Have been collected and stored within premises and reused or will be sold to authorized recycler, after appropriate quantity to be sold gets generated.

Other solid waste:

- ✓ As part of AAIAL 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
  - ✓ Well demarcated 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 at AAIAL is managed inline to the Hazardous Waste Management Rules 2016.
  - ✓ For hazardous waste management, Dedicated Separate hazardous waste storage facility maintained for used oil storage.
  - ✓ As part of way forward Adani Ahmedabad International Airport Ltd has their future for managing its wastes under 5 R principal and step ahead with a vision of Zero Waste to Landfill.

PART – G

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

- ✓ A Sewage Treatment Plant (STP) (Fluidized Media Reactor) is installed at AAIAL for treating and handling the domestic sewage generated from airport premises.
- ✓ The treated waste water generated from the STP is utilized for gardening and horticulture activity within AAIAL premises to conserve the fresh water consumption.

- ✓ We are happy to inform you that, our site is also complied with ISO 14001:2015 and 9001:2015 certified facility

Energy Savings

- ✓ 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 in the AAIAL area which has reduced the total energy consumption.
- ✓ The temperature of the Chillers is increased from 7°C to 11-12°C as part of maintenance & controlling the temperature inside the Terminal.
- ✓ 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.
- ✓ Server rooms' air-condition is localized in place of centralized system to reduce energy consumption.
- ✓ Proactively controlled lighting systems are provided. The landside streetlights are made operational on a timer basis according to the daylights.
- ✓ Sensitization of the team & continuous follow up is done for further improvising the Airport environmental & sustainability aspects.
- ✓ Timely maintenance of AHU's filters & coil, chillers, cooling towers is being carried out at AAIAL. Regular monitoring is being carried out for the same.
- ✓ Four Electrical vehicles (e-vehicles) are introduced at AAIAL, for commuting of passengers as well as staff within the AAIAL premises to reduce the GHG emissions. 40% airside vehicles have been converted to EV in 2022-23.
- ✓ Two EV charging stations are introduced.
- ✓ Six Ola scooter vehicles (e vehicles) are introduced at AAIAL for site staff movement within premises to reduce the GHG emissions.
- ✓ Airline and ground handling personnel are sensitized to use electric vehicles for tractors & bus coaches.

Water Conservation:

- ✓ As part of water conservation approximately 100 sensor-based water taps have been installed in all the washrooms of the Terminal building at AAIAL.
- ✓ Dry cleaning of solar panels is being carried out at AAIAL instead of water wash which saves about 10KL of water per month.
- ✓ Approximately 50 Recharging pits are maintained at AAIAL as part of rain water harvesting.
- ✓ Treated Water from the STP is utilized for gardening & horticulture purpose.

- Following safeguard measures are taken for abatement of dust and noise emissions:
  - ✓ Regular cleaning of roads
  - ✓ D.G. Set having acoustic enclosures
  - ✓ Adequate green cover of about 25 Acres has been developed as part of AAIAL

Environment Statement for 2022-23
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Air Management:

- ✓ Ambient Air Quality Monitoring is carried out by engaging NABL accredited laboratory and all the results are observed to be within Stipulated Standards. The summery of the AAQM results for the FY 2023 is as per **Annexure 6**
- ✓ Environment Monitoring for D.G Stack Flue Gas Emissions will be carried out by NABL accredited laboratory
- ✓ Adequate green cover of about 25 Acres has been developed as part of AAIAL.

Soil Management

- ✓ Environment Monitoring for Soil Analysis is being carried out by NABL accredited laboratory and all the results are under the norms inline to stipulated standards. The results of the soil samples are as per **Annexure 7**.

PART – H

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

- ✓ 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 monkeys etc are relocated to the safer areas (forest areas) to protect them from any accidents.
- ✓ AAIAL has developed & maintained an adequate Green Belt Area and also developed a closed nursery at airport site.

PART – I

Any other particulars for improving the quality of environment:

- ✓ Monitoring of environmental parameters such as Air, Noise, wastewater and soil quality being done regular basis through NABL recognized laboratory.
- ✓ For noise quality measuring & controlling, Continuous Noise Quality Monitoring Systems are installed at the AAIAL premises, located both at the Runway ends.
- ✓ AAIAL Budget for environmental management measures for the FY 2022-23 of **INR 651 lakhs** was spent. Details are enclosed sas **Annexure – 3**

Carbon Emissions Inventory & Carbon Neutrality

- ✓ Airport carbon emission inventory has been carried out and targets are set for achieving Carbon Neutrality of airport operations by FY24.

Environment Statement for 2022-23
Sardar Vallabhbhai Patel International Airport, Ahmedabad
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(PCB ID: 10150)

- ✓ We have defined systems for developing annual emission inventory (greenhouse gas emissions) in line with ISO 14064 and ACA Level 4+ requirement, which is the highest-level of accreditation.
- ✓ Based on our baseline emissions and future projections, we have developed a detailed roadmap for achieving carbon neutrality and net zero status in accordance with ACA guidelines.
- ✓ Replacement of R22 refrigerant based AC units with better R32 refrigerant based BEE 5 Star Rated AC's

Date : 27/09/2023

(Signature)

Designation : **Chief Airport Officer**
Mr. Nirav Shah
Address: Terminal-1, SVPI Airport Ahmedabad Gujarat-380009

ENVIRONMENTAL CLEARANCE

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive, and Virtuous Environmental Single-Window Hub)

Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment Authority(SEIAA), Gujarat)

To,

The HSE Head

AHMEDABAD INTERNATIONAL AIRPORT LIMITED

Terminal-1 Building, 1st Floor Sardar Vallabhbhai Patel International Airport -382475

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/GJ/MIS/81117/2006 dated 27 Jul 2022. The particulars of the environmental clearance granted to the project are as below.

1.	**EC Identification No.**	**EC22B029GJ165952**
2.	**File No.**	SIA/GJ/134807/2022
3.	**Project Type**	Expansion
4.	**Category**	B1
5.	**Project/Activity including Schedule No.**	7(a) Air ports
6.	**Name of Project**	Proposed Capacity Expansion of Sardar Vallabhbhai Patel International Airport (SVPIA) to Enhance the Passenger Handing Capacity to 40.33 MPPA & cargo handling capacity up to 1.0 MTPA.
7.	**Name of Company/Organization**	AHMEDABAD INTERNATIONAL AIRPORT LIMITED
8.	**Location of Project**	Gujarat
9.	**TOR Date**	02 Oct 2006

The project details along with terms and conditions are appended herewith from page no 2 onwards.

(e-signed)
Prakash K. Majmudar
Member Secretary
SEIAA - (Gujarat)

Date: 12/11/2022

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH.Please quote identification number in all future correspondence.

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NISCHAL JOSHI
MEMBER SECRETARY
SEIAA (GUJARAT)

सत्यमेव जयते

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY GUJARAT

No. SEIAA/GUJ/EC/7(a)/2694 /2022 Date: 11 NOV 2022 BY R.P.A.D Time Limit

Sub: Environment Clearance for the Proposed Capacity Expansion of Sardar Vallabhbhai Patel International Airport (SVPIA) to Enhance the Passenger Handing Capacity to 40.33 MPPA & cargo handling capacity up to 1.0 MTPA., Hansol, Asarva, Naroda, Kotarpur, Sejpurbodha, Sardarnagar, Ahmedabad by M/s Ahmedabad International Airport Limited. Construction project in Category 8 (a) of Schedule annexed with EIA Notification dated 14/09/2006.

Ref: Your Proposal No. SIA/GJ/MIS/81117/2022.

Dear Sir,

This has reference to your application along with Form-I, Form-1 A dated 27/07/2022, seeking Environmental Clearance under Environment Impact Assessment Notification, 2006. The project was scheduled for hearing in the SEAC meeting held on 26/08/2022.

The proposal is for Environmental Clearance for the **Proposed Capacity Expansion of Sardar Vallabhbhai Patel International Airport (SVPIA) to Enhance the Passenger Handing Capacity to 40.33 MPPA & cargo handling capacity up to 1.0 MTPA., Hansol, Asarva, Naroda, Kotarpur, Sejpurbodha, Sardarnagar, Ahmedabad by M/s Ahmedabad International Airport Limited.** it falls in the category 7(a) of the Schedule of EIA Notification, 2006.

The project activity is covered in 7(a) and falls in Category 'B'. Since the proposed project is in item no.7 of the EIA notification, 2006, Public Consultation exempted as per Para 7(ii) of EIA Notification, 2006.

The SEAC, Gujarat had recommended the project vide their letter dated 01/10/2022 to grant Environmental Clearance to the SEIAA, Gujarat based on the decision taken during SEAC meeting held on 26/08/2022. The proposal was considered by SEIAA, Gujarat in its meeting held on 04/11/2022 at Gandhinagar. After careful consideration, the SEIAA hereby accords Environmental Clearance to above project under the provisions of EIA Notification dated 14th September, 2006 subject to the compliance of the following conditions.

A. PROJECT SPECIFIC CONDITIONS:

1. **Proponent shall provide for lift, occupetional health facility, life saving devices, automated external defrabrater (AED) and portable oxygen steady supply equipments, operation working safety of the workers, bird hit prevention measures etc.**
2. **Rain water harvesting tanks with numbers and dimention shall be provided.**
3. **Proponent shall provide Continues Ambient Air Quality Monitoring Devises (AAQM).**
4. **Project Proponenet have to submit detailed Traffic Management and decongetion reports.**
5. **Proponent shall submit the details of users/visiters arrival maximum and minimum and submit the plan of safety health & Environment, risk assesment and hazard identification measures etc in a months time intigrated to IRO MOEF& CC and SEIAA and make a presentation for field check etc.**
6. **The treated wastewater discharge into AMC drainage line shall not exceed 89.04 KLD. Necessary permission from AMC shall be obtained for discharging of same in the drainage line. The treated water to be discharge should meet all standard limits prescribed as per the norms of GPCB/CPCB and competent authority shall display and inform to local bodies.**
7. **Project Proponent shall submit CER plan to respective Collectors, DDO and Municipal Commissioner/Urban Development Authority and implement of CER activities under intimation and guidance of the respective authorities.**
8. **PP shall take all necessary steps for fire and life safety measures for fall protection, ladders and stairs, scaffolds, trenching and excavation, electrical safety, cranes, occupational noise exposure, welding and cutting etc.**

State Level Environment Impact Assessment Authority SEIAA Gujarat

9. **The total parking area approved in EC should be earmarked with number of flats and allotment must be handed over to the maintenance of society when transferred with necessary notarized undertaking abide by all conditions of EC including disposal of waste, ventilation, lighting in basement area adequately.**
10. Where construction activity is likely to cause noise nuisance to nearby residents, restrict operation hours between 7 AM to 6 PM
11. Hazard Identification and Risk Assessment for the project shall be carried out and adequate mitigation measures shall be adopted to ensure that. all safety issues are addressed. The documentation shall be reviewed periodically and shall be submitted to the regional office along with six-monthly compliance report.
12. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out be the project or other agencies in this 05 Km radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development Department and the P.W.D./competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
13. Solar power generation capacity of 3 MW shall be established as Proposed.
14. 53 nos of rainwater recharge pits shall be provided as proposed. Rainwater harvesting structures shall conform lo CGWA designs. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease.
15. A certificate from the competent authority/agency handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from Project.
16. Fresh water requirement from local authority shall not exceed 9.5 MLD during final operational phase. As committed, no ground water abstraction shall be done during construction as well as operation phase of the project.
17. The waste water generation shall be 5.20 MLD.
18. As proposed, wastewater shall be treated in onsite STP 5.5 MLD capacity. Treated water from the STP shall be recycled and re-used for Landscaping or other purposes. There shall be no discharge of treated water from the project as proposed.
19. The project proponents would commission a third party study on their implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilets.
20. Area provided for green belt shall be 12.33 Ha (30.48 acre) in landside and 142.47 Ha (353.04 acre) in airside. Plantation to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the detail provided in the project document.
21. PP shall explore the use of non-ozone depleting substances in air-conditioning systems.
22. Multi-Level Car Park (MLCP) shall be proposed for 2000-2500 vehicles in line with the business needs.
23. The PP shall also provide electric charging points in the parking areas for e-vehicles as committed.
24. Airport shall be in line with the DGCA guideline and must have adequate fire and safety provisions.
25. The Environmental Clearance to the project is primarily under provisions of EIA Notification. 2006. The Project. Proponent is under obligation to obtain approvals/clearances under any other Acts Regulations or Statutes as applicable to the project.

B. Standard Conditions:

B.1. Statutory Compliance:

26. The project proponent shall obtain Consent to Establish/ Operate under the provisions of Air (Prevention & Control o Pollution) Act, 1981 and The water Prevention & Control of Pollution Act , 1974 from the concerned State Pollution Control Board / Committee.
27. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water from the competent authority concerned in case of drawl of surface water required for the project
28. Clearance from Directorate General of Civil Aviation (DGCA) and Airports Authority of India (AAI) for safety and project Facilities shall be obtained.

Office: Gujarat Pollution Control Board, "Paryavaran Bhavan", Sector-10 A, Gandhinagar-382010 Page 2 of 6
Phone No.:- (079) 232-32152,232-41514 Fax No.:-(079) 232-22784
E-mail : msseiaagj@gmail.com, Website:- www.seiaa.gujarat.gov.in

29. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
30. All other statutory clearances such as the approvals of storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation and Department shall be obtained, as applicable by project proponents from the respective competent authorities.

B.2 Air Quality Monitoring and Preservation:

31. The project proponent shall install system to carry out (Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (PM10 and PM2.5 in reference to PM emission, and S02, and NOx in reference to SO2, and NOx emissions) within and outside the airport area at least at four locations covering upwind and downwind directions.
32. Diesel power generating sets proposed as source of backup power should be equal to the height needed for the combined capacity of all the DG sets Use of low Sulphur diesel. The location of the DG set may be decided within the consultation with the state pollution control board
33. Soil and other construction materials should be sprayed with water prior to any loading, unloading or transfer operation so as to maintain the dusty material wet.
34. The excavation working area should be sprayed with water after operation so as to maintain the entire surface wet.
35. Excavated materials shall be handled and transported in a manner that they do not cause any problems of air pollution.
36. The soil/construction materials carried by the vehicle should be covered by impervious sheeting to ensure that the dusty materials do not leak from the vehicle.

B.3. Water quality monitoring and preservation:

37. Run off from chemicals and other contaminants from aircraft maintenance and other areas within the airport shall be suitably contained and treated before disposal. A spillage and contaminant containment plan shall be drawn up and implemented to the satisfaction of the Stale Pollution Control Board.
38. Proper drainage systems emergency containment in the event of a major spill during monsoon season etc. shall be provided.
39. The runoff from paved structures like Runways, Taxiways, can be routed through drains to oil separation tanks and sedimentation basins before being discharged into rainwater harvesting structures.
40. Adequate capacity and numbers of Storm water drains are to be built for discharging storm water from the air-field to avoid flooding/ water logging in project area. Domestic and industrial waste water shall not be allowed to be discharged into storm water drains.
41. Rain water harvesting for roof man-off and surface run-off as plan submitted should be implemented. Rain water harvesting structures shall conform to CGWA designs. Before recharging the surface run off, pre treatment must be done to remove suspended matter, oil and grease.
42. Prior permission from competent authority shall be obtained or use of fresh water.
43. A certificate from the competent authority for discharging treated effluent untreated effluents into the Public sewer/ disposal / drainage systems along with the final disposal point should be obtained.
44. A detailed drainage plan for rain water shall be drawn up and implemented.

B.4. Noise monitoring and prevention:

45. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the ministry as a part of six monthly
46. Noise from vehicles, power machinery and equipment on-site should not exceed the prescribed limit. Equipment should be regularly serviced. Attention should also be given to muffler maintenance and enclosure of noisy equipment's compliance report.
47. Acoustic enclosures for DG sets, noise barriers for ground run bays ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
48. During airport operation period, noise should be controlled to ensure that it does not exceed the prescribed standards During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.

B.5. Energy Conservation Measures:

49. Energy conservation measures viz. maximum use of natural lighting through architectural design, energy efficient motors & pumps, water efficient taps, solar lights in open & solar street light, 3000 KW solar power generation, use of aerated blocks & RMC, use of LED lighting fixtures and low voltage lighting, roof-top thermal insulation etc. shall be implemented as proposed.

B.6. Waste management:

50. Soil stockpile shall be managed in such a manner that dust emission and sediments runoff are minimized. Ensure that soil stockpiles arc designed with no slope greater than 2:1 (horizontal/ vertical).
51. The project activity shall conform to the Fly Ash notification issued under the E.P. Act of 1986.
52. Solid inert waste found on construction sites consists of building rubble, demolition material, concrete; bricks, timber, plastic. Glass metals, bitumen etc. shall be reused/ recycled or disposed off as per Solid Waste Management Rules, 2016 and Construction and Demolition Waste Management Rules, 2016
53. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016
54. The project proponents shall implement a management plan duly approved by the State Pollution Control Board and obtain its permissions for the safe handling and disposal of -
55. Trash collected in light and disposed at the airport including segregation, collection and disposed
56. Toilet wastes and sewage collected from aircrafts and disposed at the Airport.
57. Wastes arising out of maintenance and workshops Wastes arising out of eateries and shops situated inside the airport complex.
58. Hazardous and other wastes.
59. The solid wastes shall be segregated as per the norms of the Solid Waste Management Rules, 2016. Recycling of wastes such as paper, glass produced from terminals and aircraft caterers, metal (from aircrafts maintenance site , plastics (from aircrafts, terminals and offices , wood. waste oil and solvents (from maintenance and engineering operations), kitchen wastes and vegetable oils (From caterers) shall be carried out . Solid waste shall be disposed in accordance to the solid waste management rules 2016 as amended
60. Used CFLs and TPLs should be properly collected and disposed off/ sent for recycling as per the prevailing guidelines/ rules in the regulatory author to avoid mercury contamination.
61. Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate water courses and the dump sites for such material must be secured so that they should not leach into the ground water.

B.7. GREEN BELT :

62. Green belt of 12.33 Ha (30.48 acre) in landside and 142.47 Ha (353.04 acre) in airside shall be developed, with native tree species in accordance with Forest Department as per green belt development plan.
63. Top soil shall be separately stored and used in the development of green belt.

B.8. Public hearing and human health issues:

64. As per the TOR issued by MoEF&CC vide file no 21-36/2022-IA-III dated 29th March 2022, Public Hearing was exempted by the committee as per para 7(ii) of EIA Notification, 2006 and its subsequent amendments.
65. Construction Site -should be adequately barricaded before the construction begins.
66. Traffic congestion near the entry and exit points from the roads adjoining the airport shall be avoided. Parking should be fully internalized and no public space should be utilized.
67. Provision of Electro mechanical doors for toilets meant for disabled passengers. Children nursing/ feeding room to be located conveniently near arrival and departure gates.
68. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall the implemented.
69. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
70. Occupational health surveillance of the workers shall be done on a regular basis.

B.9. CORPORATE ENVIRONMENTAL RESPONSIBILITY

71. The project proponent shall allocate the separate fund as committed before SEAC for activities like Conversion of airport owned conventional vehicles operated on fossil fuels to Electric vehicles, Electric vehicle charging stations, Solar Power plant, Green area development near Bhat village and Surrounding areas. Activities proposed under Corporate Environment Responsibility (CER) shall be part of Environment Management Plan (EMP) as per the MoEF&CC's OM no. F. No. 22-65/2017-IA.III dated 30.09.2020. The said activities shall be completed within 10 years from the commencement of the project.The CER shall be monitored and the monitoring report shall be submitted to the regional office of MoEF&CC as a part of half-yearly compliance report and to the District Collector. The monitoring report shall be posted on the website of the project proponent.

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B.10. MISCELLANEOUS:

72. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it all least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
73. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt. The project proponent: shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half yearly basis.
74. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
75. The company shall have a well laid don environmental policy duly approved by the Board of Directors. The environmental policy should prescribe or standard operating procedures to have proper checks and balances and to bring into foes any infringements/deviation/ violation of the environmental forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/ deviation/ violation of the environmental: forest /wildlife norms/ conditions and or shareholder's/stake holders. The copy of the board resolution in this regard shall be subtitled to the MoEF&CC as a part of six- monthly report.
76. A separate Developmental Cell both al the project and company head quarter level, with qualified personnel shall he set up under the control of senior Executive, who will directly report to the head of the organization.
77. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise fund earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
78. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out
79. The project proponent shall submit. The environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
80. The criteria pollutant levels namely: PM10, PM2.5, SO, NOx (ambient levels| shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
81. The project proponent shall inform the Regional Office as well as the by the concerned authorities, commencing the land development work and start of production and operation by the project. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
82. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made therein.
83. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, forests and Climate Change (MoEF&CC)/ SEIAA.
84. Concealing factual data or submission of false fabricated data may result in revocation of this environmental clearance and attract actions under the provisions of Environment protection Act, 1980
85. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory
86. The Ministry: reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
87. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data, information, monitoring reports.
88. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution Act, 1974, the Air Prevention Control of Pollution Act, 1981, the Environment (Protection) Act. 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts/ NGT and any other Court of Law relating to the subject matter

89. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

(NISCHAL JOSHI)
Member Secretary

Issued to:

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Copy to:-

1. The Secretary, SEAC, C/O. G.P.C.B. Gandhinagar - 382010.
2. The Additional Chief Secretary, Forests & Environment Department, Govt. of Gujarat, Block 14, 8th floor, Sachivalaya, Gandhinagar-382010.
3. The Chairman, Central Pollution Control Board , Parivesh Bhavan, CBD -cum-Office Complex, East Arjun Nagar, New Delhi-110032
4. Scientist C, Integrated Regional Office, Ministry of Environment and Forests, Aranya Bhavan, Sector-10, Gandhinagar – 382010.
5. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi-110003.
6. The Member Secretary, Gujarat Pollution Control Board, Paryavaran Bhavan, Sector-10 A, Gandhinagar-382010
7. Select File

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