



Ref No: GIAL/CAO/F-20/02/23-24

29th May 2023

To,
Addl. Principal Chief Conservator of Forest (C).
Ministry of Environment Forest & Climate Change.
Regional Office (NEZ), Lumbatngen,
Shillong – 793021

Subject: EC compliance for the period of **October 2022** to March 2023 of New Integrated Terminal Building at LGBI Airport, Guwahati, Assam.

Ref: Construction of New Integrated Terminal Building at LGBI Airport, Guwahati, Assam vide MOEF&CC letter dated 16th April 2018 bearing No10-58/2016-IA-III.

Dear Sir,

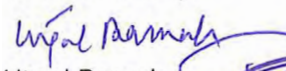
Greetings from Guwahati Airport!

New Integrated Terminal at Lokpriya Gopinath Bordoloi International Airport has been granted Environment Clearance for construction of New Integrated Terminal Building with state of art facility for Domestic & International Operations at Guwahati.

In view of the above, Lokpriya Gopinath Bordoloi International Airport (LGBIA) herewith submit the condition-wise compliance report for the above-mentioned Environment Clearance for the period of **October 2022** to March 2023.

Kindly consider above submission and acknowledge.

Yours sincerely,


Utpal Baruah
Chief Airport Officer
LGBI Airport, Guwahati

Encl: As above

Cc:

1. The Director (Monitoring-IA Division), Ministry of Environment, Forest & Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003.
2. The Member secretary, Pollution Control Board Assam, Bamunimadam, Guwahati-21.
3. The Regional Director, Central Pollution Control Board, Regional Directorate, Northeast, Lower Motinagar, Shillong-793014.
4. The Regional Officer, Regional Office, Pollution Control Board Assam, Bamunimaidam (Near Assam Govt. Press) Guwahati-781021.

Guwahati international airport limited
(Formerly known as Adani Guwahati International Airport Ltd.)
Lokpriya Gopinath Bordoloi International Airport, Borjhar,
(Opposite to Domestic Cargo Terminal)
Guwahati- 781015
Assam, India
CIN:U6303GJ2019PLC110032

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**Half Yearly Compliance Report
of
Construction of 'New Integrated Terminal Building at LGBI
Airport, Guwahati"**

(File No. 10-58/2016-IA-III Issuance dt. 16th April 2018)

For

(For the period: October' 2022 to March' 2023)

BY

**Lokpriya Gopinath Bordoloi International Airport
Borjhar, Guwahati, Assam-781015**

New Integrated Terminal Building at LGBI Airport, Guwahati	From : Oct'22 To : Mar'23
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Half yearly Compliance report of Environment Clearance for the Construction of 'New Integrated Terminal Building at LGBI Airport', Guwahati for the period of Oct'22-Mar'23

Sr.No.	Conditions	Compliance Status as on 31st Mar 2023
A. Specific Conditions		
i.	As proposed, Environmental Clearance is for Construction of 'New Integrated Terminal Building' at LGBI Airport, Guwahati by M/s Airports Authority of India Guwahati.	Complied Copy for Environment Clearance attached as Annexure-1
ii.	Project Proponent shall obtain clearance from Directorate General of Civil Aviation (DGCA) and Airports Authority of India (AAI) for safety and project facilities.	Complied Presently the New Integrated Terminal Building at LGBI Airport is under construction phase. Required approvals from Directorate General of Civil Aviation (DGCA) and Airports Authority of India (AAI) will be taken. However, DGCA clearance for existing Airport has been obtained. Attached As Annexure-2
iii.	Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.	Complied Consent for Establish (CTE) from ASPCB has been obtained vide dtd. 4/10/2019 Consent for Operate (CTO) from ASPCB will be taken before the commencement of operation. Copies of CTE is attached as Annexure -3
iv.	Clearance from National Board for Wildlife (NBWL) is required before commencement of project/ activity.	Agreed to complied
v.	Construction site should be adequately barricaded before the construction begins.	Complied Adequate barricades are in place to isolate the site, and to minimize the adverse environmental impact. Photograph showing barricades are attached as Annexure-4
vi.	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	Complied LGBI is ensuring the compliance by taking the following measures: Fugitive dust emission due to transport

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	wet.	movement is controlled by sprinkling of water at the site. Dust emissions at site are minimized by wheel washing, damping down. All the vehicles delivering materials to the site are covered using impervious tarpaulin sheet to avoid spillage of material/dust and no leak from any vehicle has been ensured at site Photographs showing Construction Phase Environment Management Practices area attached as Annexure -5,6 &8
vii.	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	Complied Photographs showing Construction related Environment Management Practices area attached as Annexure -8
viii.	The excavation working area should be sprayed with water after operation so as to maintain the entire surface wet.	Complied To minimize dust emissions from excavation, leveling, transportation, and stockpiling activities, regular water sprinkling is employed. After operations, the excavation working area is sprayed with water to keep the entire surface wet. This proactive measure effectively reduces the dispersion of dust particles, ensuring a safer and healthier environment for workers and minimizing the negative impact on the surroundings. Photographs showing Construction related Environment Management Practices area attached as Annexure-6&8
ix.	Soil stockpile shall be managed in such a manner that dust emission and sediment runoff are minimized. Ensure that soil stockpiles are designed with no slope greater than 2:1 (horizontal/vertical). Top soil shall be separately stored and used in the development of green belt.	Complied. The excavated topsoil has been stacked and stored meticulously, adhering to a slope no greater than 2:1 (horizontal/vertical). Careful design of stockpiles at the site prevents sedimentation runoff. The stored topsoil is intended for use in green belt and landscaping projects, based on the suitability of soil ensuring its preservation for future environmental enhancement. Photograph showing is attached as Annexure-7
x.	A detailed drainage plan for rainwater shall be drawn up and implemented.	Being Complied Drainage plan, along with rain water harvesting is being implemented inline to

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		planning. Photograph has been attached as Annexure-12
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xi.	Ground water abstraction and rain water recharge shall be as may be prescribed by the CGWA. A clearance of the CGWA shall be obtained in this regards.	<p>Complied Rain water recharge is not feasible due to high ground water table at site. However, rain water harvesting tank of capacity 1500KI has been constructed for storage of rain water.</p> <p>NOC has been obtained for ground water abstraction; Copy of Ground water NOC has been attached as Annexure -12 &13</p>
xii.	Noise from vehicles and 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.	<p>Complied. Construction specific Environment Management Plan has been deployed at site</p> <p>Adequate Noise control Measures has been implemented like</p> <ul style="list-style-type: none"> • Proper operation and maintenance of heavy equipment as well as transport vehicles is ensured to control noise emissions. • Ear plugs, ear muffs are provided to workers handling high noise equipment / stone cutting operations to protect them from high noise exposure. <p>Regular Ambient Noise monitoring at three locations is being carried out by MoEF&C & NABL accredited laboratory and, it is inferred that both day & night noise results are observed to be below Standards.</p> <p>Copy of Noise Monitoring report is attached in Environmental Monitoring Report as Annexure-9</p>
xiii.	Where construction activity is likely to cause noise nuisance to nearby residents, restrict operation hours between 7 am to 6 pm.	<p>Complied Regular Ambient Noise monitoring at three locations is being carried out by MoEF&C & NABL accredited laboratory and, it is inferred that both day & night noise results are observed to be below Standards.</p> <p>Copy of Noise Monitoring near construction site is attached in Environmental Monitoring Report as</p>

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		Annexure -9
xiv.	<p>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 Rule, 2016 and Construction and Demolition Waste Rules, 2016.</p>	<p>Complied</p> <p>Solid waste generation is being segregated at source and further being handed over to recyclers as per Solid Waste Management Rule, 2016</p> <p>C&D waste generated is being temporarily stored and will be handled inline to C&D waste rules.</p>
xv.	<p>Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.</p>	<p>Complied</p> <p>Presently the NITB is under construction phase.</p> <p>However, DG sets installed for existing operation are in conformance to Environment (Protection) Act, 1986 & as per applicable safety norms. In operation low sulphur diesel is being used.</p> <p>Photograph are attached as Annexure-14</p>
xvi.	<p>Aircraft maintenance, sensitivity of the location where activities are undertaken, and control of runoff of potential contaminants, chemicals etc. shall be properly implemented and reported.</p>	<p>Agreed to comply</p> <p>Presently the NITB is under Construction phase.</p> <p>However, for existing operation, Spillage control plan shall be developed and implemented.</p>
xvii.	<p>Proper drainage systems, emergency containment in the event of a major spill during monsoon season etc. shall be provided.</p>	<p>Complied</p> <p>As a part of stormwater management plan, effective storm water drainage will be developed and before final discharge, it shall pass through Siltraps/oiltraps. Photograph has been attached as Annexure- 12</p>

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xviii.	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. Drainage plan will be implemented and Rain water harvesting pits, to store rainwater will be developed with the facility of oiltraps & Silt traps Photograph has been attached as Annexure- 12
xix.	Storm water drains are to be built for discharging storm water from the air-field to avoid flooding/water logging in project area during monsoon season / cloud bursts.	Agreed to Comply A complete airport level drainage plan is prepared to address drainage issues for storm water without the water logging at site.
xx.	Rain water harvesting for roof run-off and surface run-off, as plan submitted should be implemented. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease.	Complied The water table for Guwahati airport is high so rain water harvesting is not feasible therefore we have constructed 3 No of 500 Cum capacity tanks for total storage of 1500 KL. The facility is equipped with the sedimentation tank and oiltrap to remove oil and grease.
xxi.	Total fresh water requirement from existing bore wells shall not exceed 710 KLD with permission from CGWB.	Agreed to Comply Presently the NITB is under construction phase. NOC for groundwater extraction has already been obtained & for operation phase new NOC to be taken from CGWB. Construction Phase NOC is attached as Annexure -13
xxii.	Sewage Treatment Plant (STP) of 1000 KLD capacity to treat the wastewater generated from airport. Treated water will be reused for flushing, horticulture, D.G. cooling and HVAC purposes.	Agreed to comply Sewage Treatment Plant of 1000 KLD capacity based on MBBR Technology is being constructed at site. Treated water will be reused for flushing, landscaping and HVAC cooling. As

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		proposed the Airport will operate on zero liquid discharge principle. Proposed STP layout is attached as Annexure-10
xxiii.	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.	Complied. Presently the NITB is under construction phase. However, existing DG sets installed at site are in conformance to the Environment (Protection) Act, 1986 & applicable safety norms. Photograph attached as Annexure-14
xxiv.	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. A monitoring station for ambient air and noise levels shall be provided in the village nearest to the airport.	Complied. Presently the NITB is under Construction phase. However, considering existing operation and construction activity, Environment Monitoring is carried out regularly by MoEF&CC/NABL approved laboratory at three locations. All the results are observed to be within norms. Environment Monitoring report, covering analysis report for noise monitoring for the compliance period Sep 22 to Mar 23 is attached as Annexure -9
xxv.	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 (at aircraft 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.	Complied. Presently the project is under Construction phase. As part of the existing Operation & Construction phase, the solid waste generated is segregated and disposed through 3 rd party, inline to SWM rule 2016.

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xxvi.	<p>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.</p>	<p>Agreed to comply</p> <p>The widening of the existing approach road to the airport is planned by Assam PWD from 2 lane to 4 lane.</p> <p>The internal road circulation will also be planned to smoothen the arrival and departure, entry and exit. Proper traffic management plan will be implemented to ensure smooth traffic flow,</p> <p>The parking of 15000 sq.mtr has been planned to accommodate 600 cars is also provided within the airport premises. No parking has been planned or considered on public roads/ spaces.</p>
xxvii.	<p>Traffic Management Study and Mitigation measures as given in the EIA Report shall be implemented in letter and spirit. Apart an assessment of the cumulative impact of all activities being carried out or proposed to be carried out by the project, shall be made for traffic densities and parking capabilities in a 02 kms radius from the site. A detailed traffic management and a traffic decongestion plan drawn up through an organization of repute and specializing in Transport Planning shall be implemented to the satisfaction of the State Urban Development and Transport Departments shall also include the consent of all the concerned implementing agencies.</p>	<p>Agreed to comply.</p> <p>M/S RITES has done the zonal level traffic study & recommendation from the consultant is being implemented by Assam PWD on site.</p> <p>As part of the road improvement by GoA near airport, the existing Road from VIP junction to SOS junction shall be widened to 45 mt which will be widened from two lanes to four lanes with two service lanes and footpath. Drawing attached</p> <p>The existing Road from SOS junction to Garal junction shall be widened to 30 mt which will be widened from two lanes to four lanes with footpath.</p> <p>The existing Road from SOS junction to existing airport terminal shall be widened to 20 mt which will be widened from two lanes to three lanes with footpath. The same cannot be increased further due to paucity of the space availability. Drawing attached</p> <p>Metro connectivity: GoA during their Cabinet meeting held on 18 January 2017, decided to incorporate for Extension of Corridor-I from Dharapur to Guwahati Airport two stations have been planned one near proposed terminal and one near existing terminal.</p> <p>Detailed traffic management and a traffic decongestion plan will be implemented in consultation with the concerned authorities.</p>

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xxviii.	Energy conservation measures like installation of LED/CFLs/TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.	Complied. Presently the NITB is under Construction phase. However, as a part of existing operation, LED are being considered as a part of Energy conservations.
xxix.	An onsite disaster management plan shall be drawn up to account for risks and accidents. This onsite plan shall be dovetailed with the onsite management plan for the district.	Agreed to comply. For existing operation, Disaster Management Plan/Aerodrome Emergency Plan is available and has been implemented. Similarly, when proposed terminal will come under operation, DMP/AEP will be amended and same shall be implemented.
xxx.	The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.	Agreed to comply. Appropriate measures as part of corporate responsibility will be undertaken based on need assessment and in compliance to the applicable regulations. However, at Village Kaikuchi Adani has taken the school for model school development" Adani Vidya Mandir" and supported all the cost incurred for teachers salary , revamping of building structure & celebrations of various event we spent 35 lac. <ul style="list-style-type: none"> Assam is falling in flood prone area and during FY-22-23 ,Adani foundation-CSR arm of the Adani group has extended a helping hand to over 7000 flood hit victims of Assam. The flood relief efforts started on June 27 and ended on July 17. The LGBI Airport identified the four worst -hit districts of Kamrup, Barpeta, Morigaon and Darrang which lie within 100 km of Lokpriya Gopinath Bordoloi International Airport. The total cost incurred was 1.5 crore LGBI Airport for ESG initiative conducted the health camp to the airport vicinity village panchayat and cover more than 1200 people for basic health

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		screening, Eye-check up and spectacle's distribution. Pregnant women health screening, medicines distribution & sanitary napkins distribution. The total cost incurred is 9.44 lacs.
xxxi.	A water security plan to the satisfaction of the CGWA shall be drawn up to include augmenting water supply and sanitation facilities and recharge of ground water in at least two villages and schools, as part of the C.S.R. activities.	Agreed to comply. Appropriate measures as part of corporate responsibility will be undertaken based on need assessment and in compliance to the applicable regulations. However, ground water table at site is very high thus, ground water recharge is not feasible to the nearby villages.
PART B - GENERAL CONDITIONS		
i.	A copy of the environmental clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industries centre and Collector's Office/ Tehsildar's office for 30 days.	Complied Environmental Clearance Letter Displayed on website. Copy of EC is available on MoEF&CC website as link below. http://environmentclearance.nic.in/online_searchnewrk.aspx?autoid=106918&proposal_no=IA/AS/MIS/57418/2016&typep=EC
ii.	The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to this Ministry and its concerned Regional Office.	Complied. The funds for environmental protection measures are kept in a separate account head. As a part of FY 22-23, 5.69 crore amount was spent under Environment Management Measures
iii.	Officials from the Regional Office of MoEF&CC, Shillong who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents submitted to MoEF&CC shall be forwarded to the APCCF, Regional Office of MoEF&CC, Shillong.	Agreed to comply.
iv.	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this	Agreed to comply.

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	Ministry.	
v.	The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Agreed to comply
vi.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, the Forest Conservation Act, 1980 and the Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.	Agreed to comply. Approvals as required during operational phase will be taken from the concerned authorities. The Aerodrome License & Fire NOC has been taken and attached as Annexure- 2 & 11
vii.	The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen on the website of the Ministry of Environment, Forest and Climate Change at http://www.envfor.nic.in . The advertisement shall be made within Seven days from the date of receipt of the Clearance letter and a copy of the same shall be forwarded to the Regional Office of this Ministry at Shillong.	Complied Environmental Clearance Letter Displayed on website. Copy of EC is available on MoEF&CC website as link below http://environmentclearance.nic.in/online_searchnewrk.aspx?autoid=10691&proposal_no=IA/AS/MIS/57418/2016&typep=EC
	Any appeal against this	Agreed to comply

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viii.	clearance 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.	
ix.	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	<p>Complied.</p> <p>Environmental Clearance Letter Displayed on website. Copy of EC is available on MoEF&CC website as link below:-</p> <p>Copy of Environment clearance is displayed on company's website.</p> <p>Downloads Lokpriya Gopinath Bordoloi International Airport (adaniuat.com)</p>
x.	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB. criteria pollutant levels namely; SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	<p>Complied</p> <p>Compliance report for the period Apr-22 to Sep-22 was submitted APCCF, Shilong office, with vide no GIAL/CAO/F-20/18/22-23 dated 30.11.2022 by GIAL with all the reports & annexures.</p> <p>A copy of the compliance report id displayed on company's website.</p> <p>Downloads Lokpriya Gopinath Bordoloi International Airport (adaniuat.com)</p>
xi.	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions	<p>Complied</p> <p>Environmental statement (Form V) for FY 2022-23 submitted with vide letter no. GIAL/CAO/F-20/017/22-23 dated 29.09.2022.</p> <p>A copy of the compliance report id displayed on company's website.</p> <p>Downloads Lokpriya Gopinath Bordoloi International Airport (adaniuat.com)</p>

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	and shall also be sent to the respective Regional Offices of MoEF&CC by email.	
xii.	This issues with the approval of the Competent Authority.	Agreed to comply

List of Annexures:

Annexure-1	Aerodrome License of LGBI Airport
Annexure-2	Environment Clearance Copy
Annexure-3	Consent to Established Copy
Annexure-4	Barricade Wall
Annexure-5	Fine aggregates & Sand Cover
Annexure-6	Water spraying for dust suppression
Annexure-7	Topsoil Preservations
Annexure-8	Construction related Environment Management Practice
Annexure-9	Environmental Monitoring
Annexure-10	Proposed STP layout
Annexure-11	Fire NOC
Annexure-12	Storm Water Drainage & Rainwater Storage Plan
Annexure-13	NOC of Ground Water Abstraction
Annexure-14	DG Set with Acoustic Encloser

F. No. 10-58/2016-IA-III
Government of India
Ministry of Environment, Forest and Climate Change
(IA.III Section)

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

Date: 16th April, 2018

To,

The Airport Director
M/s Airports Authority of India,
Lokpriya Gopinath Bordoloi International Airport,
Borjhar, Guwahati, Assam- 781015
E-mail: guwahatiairportec@gmail.com

**Subject: Construction of 'New Integrated Terminal Building at LGBI Airport',
Guwahati by M/s Airports Authority of India Guwahati -
Environmental Clearance - reg.**

Sir,

This has reference to your online proposal No. IA/AS/MIS/57418/2016 dated 9th January, 2018, submitted to this Ministry for grant of Environmental Clearance (EC) in terms of the provisions of the Environment Impact Assessment (EIA) Notification, 2006 under the Environment (Protection) Act, 1986.

2. The proposal for grant of environmental clearance to the project 'Construction of New Integrated Terminal Building at LGBI Airport, Guwahati by M/s Airports Authority of India Guwahati was considered by the Expert Appraisal Committee (Infra-2) in its 27th meeting held on 25th January, 2018. The details of the project, as per the documents submitted by the project proponent, and also as informed during the above meeting, are under:-

- (i) The proposed project is "Construction of New Integrated Terminal Building at LGBI Airport, Guwahati" in Assam State.
- (ii) Construction of new integrated terminal building conforming to GRIHA 4 star rating with all modern facilities in an area of 90,000 sqm excluding service area of 7,500 sqm in basement. Designed passenger capacity of new integrated terminal building is 2900 domestic and 200 international passengers at a time. The building includes Departure area, arrival area, security hold area and concourse area. Multilevel car parking with all amenities is proposed for 500 cars and surface parking for VIP cars & 10 buses.
- (iii) The site is already well connected from the National Highway. State Government will widen existing two lane road to 4 lane road for better connectivity.
- (iv) There is no critically polluted area within 10 Km radius area from the new terminal building site at Guwahati Airport.
- (v) Fresh water requirement: 710 KLD for domestic, food courts, retail, offices, HVAC, etc. (Total water requirement including recycled water - 1010 KLD)



- and will be extracted through bore wells at the airport. Necessary permission will be obtained for ground water extraction.
- (vi) Approximately 810 KLD sewage will be generated after the operation of integrated terminal building which will be treated in STP of capacity 1000 KLD. Membrane Bio-Reactor (MBR) Technology will be used for treatment of waste water at the airport. After treatment, treated wastewater will be reused for HVAC, landscaping and green belt purpose. No wastewater will be discharged outside the airport premises.
 - (vii) Approximately 3100 kg per day solid waste will be generated during operation of the project, which will be collected, segregated and managed by external agency for disposal. Used lubricating waste oil from maintenance of DG sets and batteries, electronic wastes will be collected separately and will be sold to authorize recyclers as per CPCB/ PCBA guidelines.
 - (viii) Landscape and greenery will be developed at and around the new integrated terminal building. More than 60% of existing airport is open and grasses, trees and shrubs.
 - (ix) The passenger capacity of proposed new terminal building will be designed for 2900 domestic (including 200 International) at one point of time. The multilevel car parking facility will be provided for at least 1500 cars and 10 buses.
 - (x) ToR was granted by the Ministry vide letter No. 10-58/2016-IA-III dated 26th October, 2016 along with Public Hearing.
 - (xi) The Project Proponent sought amendment in the ToR on 29th October, 2017 for revised built-up area, water requirement and cost of the project. The EIA/EMP report was prepared after incorporating these amendments and submitted to SPCB for Public hearing. ToR was further amended vide letter dated 22nd March, 2018.
 - (xii) Public hearing was conducted for the New Integrated Terminal Building at LGBI Airport Guwahati, on 30th December, 2017 at Circle Office, Azara in District Kamrup, Assam.
 - (xiii) Deepor Beel Bird Sanctuary is located at distance of 3.2 km in north-east direction. Application for permission from NBWL has already been submitted.
 - (xiv) Cost of the project is Rs. 1232 Crores.
 - (xv) Employment Potential: Direct- 360, Indirect, More than 2000.
 - (xvi) Benefit of the project: The direct and indirect benefits of the New Integrated Terminal Building at Guwahati Airport are Better infrastructure facilities for passengers, Promotion of tourism, trade, commerce, etc. Increase in regional economy as it will boost tourism and commercial activities in the region. Generation of more revenue to the state, hence more development of the region, More employment opportunity to people and More business and industrial opportunities.

3. The project/activity is covered under category A of item 7 (a) i.e. 'Airports' of the schedule to the EIA Notification, 2006 and its amendments, and requires appraisal at Central level by sectoral EAC.

4. The EAC deliberated on the information provided by the project proponent and noted that the present Airport was established in 1958. Further in 1989, Air Traffic Control Tower (ATC) was built up along with expansion of existing building which was commissioned in the year 1991-92. Environmental Clearance was not required at that time. The Committee also noted that the Public hearing was conducted on 30th December, 2017 incorporating the revised built-up area and water requirement. The EAC deliberated upon the issues raised during the public hearing/public consultation meeting conducted by the Assam State Pollution Control Board. The issues were raised regarding impact on the surrounding area, Traffic problem due to connectivity with National highway and CSR initiatives. The Committee noted that issues have satisfactorily been responded by the project proponent and incorporated in the final EIA-EMP report.

5. The EAC, on being satisfied with the submissions of the project proponent, recommended the project for Construction of 'New Integrated Terminal Building at LGBI Airport', Guwahati by M/s Airports Authority of India Guwahati for grant of environmental clearance and stipulated the following specific conditions along with other environmental conditions while considering for accord of environmental clearance:-

PART A – SPECIFIC CONDITIONS:

- (i) As proposed, Environmental Clearance is for Construction of 'New Integrated Terminal Building' at LGBI Airport, Guwahati by M/s Airports Authority of India Guwahati.
- (ii) Project Proponent shall obtain clearance from Directorate General of Civil Aviation (DGCA) and Airports Authority of India (AAI) for safety and project facilities.
- (iii) Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
- (iv) Clearance from National Board for Wildlife (NBWL) is required before commencement of project/ activity.
- (v) Construction site should be adequately barricaded before the construction begins.
- (vi) 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.
- (vii) 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.
- (viii) The excavation working area should be sprayed with water after operation so as to maintain the entire surface wet.
- (ix) Soil stockpile shall be managed in such a manner that dust emission and sediment runoff are minimized. Ensure that soil stockpiles are designed with no slope greater than 2:1 (horizontal/vertical). Top soil shall be separately

stored and used in the development of green belt.

- (x) A detailed drainage plan for rain water shall be drawn up and implemented.
- (xi) Ground water abstraction and rain water recharge shall be as may be prescribed by the CGWA. A clearance of the CGWA shall be obtained in this regards.
- (xii) Noise from vehicles and 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 equipments.
- (xiii) Where construction activity is likely to cause noise nuisance to nearby residents, restrict operation hours between 7 am to 6 pm.
- (xiv) 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 Rule, 2016 and Construction and Demolition Waste Rules, 2016.
- (xv) Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
- (xvi) Aircraft maintenance, sensitivity of the location where activities are undertaken, and control of runoff of potential contaminants, chemicals etc shall be properly implemented and reported.
- (xvii) Proper drainage systems, emergency containment in the event of a major spill during monsoon season etc shall be provided.
- (xviii) 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.
- (xix) Storm water drains are to be built for discharging storm water from the air-field to avoid flooding/water logging in project area during monsoon season / cloud bursts.
- (xx) Rain water harvesting for roof run-off and surface run-off, as plan submitted should be implemented. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease.
- (xxi) Total fresh water requirement from existing bore wells shall not exceed 710 KLD with permission from CGWB.
- (xxii) Sewage Treatment Plant (STP) of 1000 KLD capacity to treat the wastewater generated from airport. Treated water will be reused for flushing, horticulture, D.G. cooling and HVAC purposes.
- (xxiii) 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.

- (xxiv) 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. A monitoring station for ambient air and noise levels shall be provided in the village nearest to the airport.
- (xxv) 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 (at aircraft 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.
- (xxvi) 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.
- (xxvii) Traffic Management Study and Mitigation measures as given in the EIA Report shall be implemented in letter and spirit. Apart an assessment of the cumulative impact of all activities being carried out or proposed to be carried out by the project, shall be made for traffic densities and parking capabilities in a 02 kms radius from the site. A detailed traffic management and a traffic decongestion plan drawn up through an organization of repute and specializing in Transport Planning shall be implemented to the satisfaction of the State Urban Development and Transport Departments shall also include the consent of all the concerned implementing agencies.
- (xxviii) Energy conservation measures like installation of LED/CFLs/TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.
- (xxix) An onsite disaster management plan shall be drawn up to account for risks and accidents. This onsite plan shall be dovetailed with the onsite management plan for the district.
- (xxx) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.
- (xxxi) A water security plan to the satisfaction of the CGWA shall be drawn up to include augmenting water supply and sanitation facilities and recharge of ground water in at least two villages and schools, as part of the C.S.R. activities.

PART B - GENERAL CONDITIONS

- (i) A copy of the environmental clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industries centre and Collector's Office/ Tehsildar's office for 30 days.



- (ii) The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to this Ministry and its concerned Regional Office.
- (iii) Officials from the Regional Office of MoEF&CC, Shillong who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents submitted to MoEF&CC shall be forwarded to the APCCF, Regional Office of MoEF&CC, Shillong.
- (iv) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.
- (v) The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
- (vi) All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, the Forest Conservation Act, 1980 and the Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.
- (vii) These stipulations would be enforced among others under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and the EIA Notification, 2006.
- (viii) The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen on the website of the Ministry of Environment, Forest and Climate Change at <http://www.envfor.nic.in>. The advertisement shall be made within Seven days from the date of receipt of the Clearance letter and a copy of the same shall be forwarded to the Regional Office of this Ministry at Shillong.
- (ix) Any appeal against this clearance 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.
- (x) A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.
- (xi) The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB. The

criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

- (xii) The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.
6. This issues with the approval of the Competent Authority.


(Kushal Vashist)
Director

Copy to:

- (i) The Secretary (Environment), Environment and Forest Department, Government of Assam, Aranya Bhawan, Panjabari Guwahati, Assam - 781037.
- (ii) The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 110032.
- (iii) The Addl. Principal Chief Conservator of Forests (C), Ministry of Environment, Forests and Climate Change, Law-U-Sib, Lumbatngen, Near MTC Workshop, Shillong - 793021.
- (iv) The Member Secretary, Pollution Control Board Assam, Bamunimaidam, Guwahati - 21, Assam.
- (v) Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.
- (vi) Guard File/ Record File/ Notice Board.
- (vii) MoEF&CC Website.


(Kushal Vashist)
Director

GOVERNMENT OF INDIA

CIVIL AVIATION DEPARTMENT
OFFICE OF THE
DIRECTOR GENERAL OF CIVIL AVIATION
OPP. SAFDARJUNG AIRPORT, NEW DELHI - 110003



भारत सरकार

नागर विमानन विभाग
महानिदेशक नागर विमानन का कार्यालय
सफदरजंग एयरपोर्ट के सामने
नई दिल्ली - ११० ००३

TELEPHONE : +91-11-24653883
EPBX : 24622495/ Ext.273
FAX 091 1124611115

Reference No.: संख्या : 2022/ASD/Renewal/0000000193
Dated : 19-05-2022

To,
The Chairman
Airports Authority of India
RG Bhawan, New Delhi-110003

{Kind Attn.: Executive Director (AL)}

Subject : Renewal of Aerodrome License of Guwahati Airport.

Sir / Madam,

This has reference to eGCA Id :2022/ASD/Renewal/0000000193 dated 11.05.2022 forwarding application/documents for the purpose of renewal of aerodrome license of Guwahati Airport.

Please find enclosed herewith the original aerodrome license no. **AL/Public/015** duly renewed by the competent authority for a **period of two years w. e. f. 21.05.2022 to 20.05.2024** in respect of Guwahati Airport under the same terms and conditions as mentioned in Annexure-I.

AAI is advised to take action on followings:

- Close long pending observation on priority and submit quarterly action plan on long duration of PDCs provided for pending observations.
- Take action on 04 Identified Gaps In SMS.

You are also advised to ensure necessary notification for indicating renewal status of licensing of Guwahati Airport to AIS.

Kindly acknowledge the receipt of Aerodrome License.

Yours faithfully

(Kunj Bihari Arya)
Assistant Director (OPS-Aero. Sds)
For Director General of Civil Aviation
Signed by: Kunj
Bihari Arya

GOVERNMENT OF INDIA

CIVIL AVIATION DEPARTMENT
OFFICE OF THE
DIRECTOR GENERAL OF CIVIL AVIATION
OPP. SAFDARJUNG AIRPORT, NEW DELHI - 110003



भारत सरकार

नागर विमानन विभाग
महानिदेशक नागर विमानन का कार्यालय
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TELEPHONE : +91-11-24653883
EPBX : 24622495/ Ext.273
FAX 091 1124611115

Reference No.: संख्या : 2022/ASD/Renewal/0000000193
Dated : 19-05-2022

To,
The Chairman
Airports Authority of India
RG Bhawan, New Delhi-110003

{Kind Attn.: Executive Director (AL)}

Subject : Acceptance of Aerodrome Manual VER 04 dated 25th March 2022, of Guwahati Airport (License no. AL/PUB/015).

Sir / Madam,

This has reference to eGCA Id : 2022/ASD/Renewal/0000000193 dated 11.05.2022, forwarding application/documents for the purpose of renewal of aerodrome license of Guwahati Airport.

The Aerodrome Manual of Guwahati Airport VER 04 dated 25th March 2022 has been accepted by the competent authority. Aerodrome Operator to add details as referred in Appendix-A (attached) and submits to this office within 03 months.

The Aerodrome Manual shall be kept current in accordance with ADAC 01 of 2006; whenever required, to retain currency of information or if directed by the DGCA, the license holder shall amend the aerodrome manual and provide the copy of the amendment(s) to all the holders of aerodrome manual as per distribution list

Yours faithfully

(Kunj Bihari Arya)
Assistant Director (OPS-Aero Stds)
For Director General of Civil Aviation

Signature valid

Signed by: Kunj
Bihari Arya

Appendix - A

The shortcomings in the submitted Aerodrome manual: version 4, dated 25.03 2022 of Guwahati Airport are as under:

Section of Aerodrome Manual	Deficiencies
Introduction	
Record of Amendments	<ul style="list-style-type: none">Record of Amendments not included.
Part 3 Particulars of the Aerodrome Required AIS	
3.2 Aerodrome Dimensions & Related Information	<ul style="list-style-type: none">Stop ways and Clearways are not available.Standard Taxiway Routes are not defined.
Part 4 Aerodrome Operating Procedures & Safety Measures	
4.3 Aerodrome Emergency Plan	<ul style="list-style-type: none">Plan includes specialist rescue services for aerodromes close to water, swampy areas or difficult terrain, where applicable is not mentioned.
4.6 Aerodrome Electrical Systems & Visual Aids	<ul style="list-style-type: none">Description electrical system design for visual aid components where runway is used when RVR is less than 550m where applicable.

Copy To:

1. ED(AL), AAI CHQ
2. Manish Thakur, Deputy Director (Operations)

Signature valid

Signed by: Kanj
Bihari

DUPLICATE



GOVERNMENT OF INDIA
OFFICE OF THE DIRECTOR GENERAL OF CIVIL AVIATION
DGCA COMPLEX, OPP. SAFDARJUNG AIRPORT, NEW DELHI-110 003

File No. AV.20025/11/06-AL
License No. AL/Public/ 015

AERODROME LICENSE - PUBLIC USE

The Director General of Civil Aviation, in exercise of the powers under Rule 78 of the Aircraft Rules, 1937 delegated vide S.O. No. 727 (E) dated the 4th October, 1994, hereby grants license to,

Airports Authority of India

(Name of License holder)

for

Lokpriya Gopinathi Bordoloi International Airport, Guwahati

(Name & Place of Aerodrome)

Latitude 26° 06' 17.8" N, Longitude 091° 35' 7.7" E (LVGS-54)

The ARFF category of the aerodrome and other details are as contained in its Aerodrome Manual.

This license authorizes the aerodrome to be used as regular place of landing and departure to all persons on equal terms and conditions for operation by aircraft requiring specifications of runway and associated facilities including granted exemptions equal to or less than those indicated in the Aerodrome Manual, subject to the conditions as contained in schedule-I and for a period as shown in Schedule-II hereto.

The license is liable to be suspended/ modified/ withdrawn/ and/or any limitations or conditions may be imposed, if any violation of the provisions of the Aircraft Act 1934, Aircraft Rules 1937, or any orders/ directions/ requirements issued under the said Act, rules or of the limitations or conditions as in schedule-I are observed.

This Aerodrome License is not transferable.

Date of issue: 21st May, 2007 (initial)
Date of issue: 19th May, 2022 (Dup.)
Place: New Delhi



DIRECTOR GENERAL OF CIVIL AVIATION

SCHEDULE-I

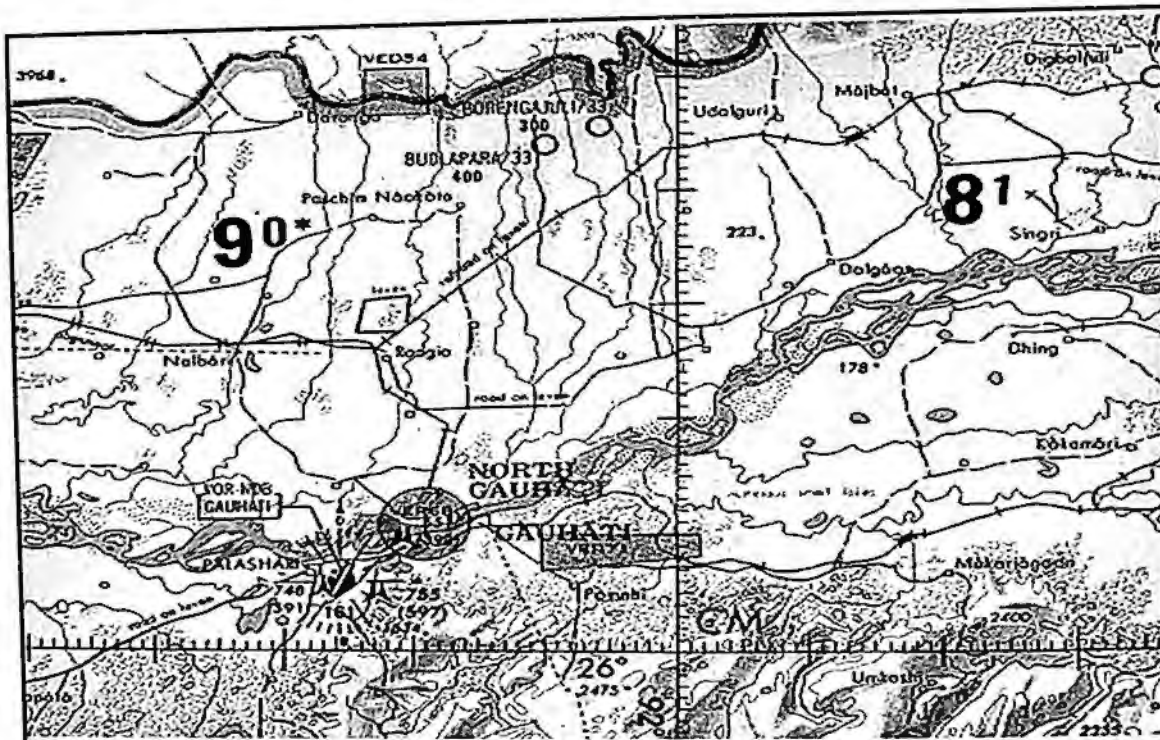
GENERAL CONDITIONS

1. The Licensee shall ensure that aerodrome facilities, equipment, services and procedures are operated and / or maintained properly and efficiently in accordance with the Aerodrome Manual submitted to DGCA, the applicable standards set out in the CARs and conditions specified in this license.
2. The Licensee shall ensure that the copies of the Aerodrome Manual and Safety Management System (SMS) Manual, accepted by DGCA are always kept complete and current. The Licensee shall ensure that each member of the aerodrome operating staff is aware of the contents of the every part of the aerodrome manual and SMS manual, relevant to his duties and undertakes his duties in conformity with the relevant provisions of these manuals.
3. The Licensee shall ensure that an adequate number of qualified and skilled personnel are employed to perform all critical activities for the operation and maintenance of its aerodrome, and that a programme to upgrade the competency for the personnel is in place.
4. The Licensee shall notify the agency responsible for Aeronautical Information Services and the air traffic control unit immediately of any obstacles, obstructions or hazards, change in level of service at the aerodrome as set out in any publication by the aeronautical information services or variation from the Standards; closure of the movement area of the aerodrome; significant change in aerodrome facility or the physical layout of the aerodrome; and any other condition that could affect aviation safety at the aerodrome and against which precautions are warranted.
5. The Licensee shall notify the agency responsible for Aeronautical Information Services of any change to any aerodrome facility or equipment or level of service at the aerodrome which has been planned in advance and which is likely to affect the accuracy of the information contained in any publication by the agency before effecting the change.
6. The licensee shall be responsible to ensure that all security and anti-hijacking arrangements stipulated from time to time by the Bureau of Civil Aviation Security for the aerodrome are complied with.
7. When so demanded by an officer duly authorized under the Aircraft Rules, 1937, this license and any other relevant documents shall be produced for inspection.
8. The licensee shall be responsible for payment to the concerned authorities of all applicable charges pertaining to the services provided by such authorities in connection with the aerodrome operation such as water supply, electricity supply, telephone lines etc.
9. Licensee shall maintain record of all aircraft landing at and taking-off from the aerodrome.
10. The Licensee shall have legally tenable agreement with CNS and ATM service provider(s) to ensure continuity and reliability of CNS and ATM to ensure the safety of aircraft in the airspace associated with aerodrome, and that proper coordination with the agencies responsible for aeronautical information services, meteorological services, security and other areas related to safety are established.
11. The aerodrome shall at all reasonable times be open to use by any aircraft in the service of the Central Government.
12. The licensee shall ensure that during the validity of the license the capability of the services/facilities, etc. is not degraded below the notified level.
13. The licensee is to submit the application for renewal in prescribed proforma along with relevant enclosures and fee, at least 2 months before expiry of license to the Director General of Civil Aviation. The license may be renewed if DGCA is satisfied that all requirements have been fulfilled.
14. Other requirements of Central Government and State Government as applicable shall be complied with.

License No. AL/Public/ 015

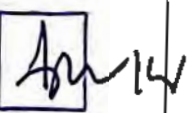
15. The aerodrome meets the design criteria and reference code 4D as defined in the CAR Section 4 Series B Part I and designed for operation of A321/B739 type or equivalent aircraft.
16. The licensee shall maintain ARFF category defined in the Aerodrome manual or as notified by NOTAM issued in this regards.
17. The aerodrome is licensed for use in IFR (**All weather**) conditions.
18. Any other conditions :-
 - i) Actions required to be completed by the licensee for consideration of renewal of license validity as contained in Annexure-I, hereto.

Portion of map showing exact location of aerodrome.



VALIDITY OF THE LICENSE**Lokpriya Gopinath Bordoloi International Airport, Guwahati**

(Name & Place of Aerodrome)

FROM	TO		SIGNATURE
21.05.2007	20.11.2007 (Provisional)	-SD-/DG(CA)	Remarks
21.11.2007	20.05.2008 (Provisional)	-SD-/DG(CA)	Duplicate Aerodrome License issued due to loss of original License by AAI and as per AAI's request vide letter no. AAI/GHT/APD/OPN dated 07.04.2022.
21.05.2008	20.05.2010	-SD-/DG(CA)	
21.05.2010	20.05.2012	-SD-/DG(CA)	
21.05.2012	20.05.2014	-SD-/DG(CA)	
21.05.2014	20.05.2016	-SD-/DG(CA)	
21.05.2016	20.05.2018	-SD-/DG(CA)	
21.05.2018	20.05.2020	-SD-/DG(CA)	
21.05.2020	20.05.2022	-SD-/DG(CA)	
21.05.2022	20.05.2024		<div> महानिदेशक नागर विमानन भारत Director General of Civil Aviation India </div> 

Annexure to Sl. No. 18 of General Conditions of license.

Actions required to be taken by the licensee for consideration of renewal of license validity of Guwahati aerodrome:-

- i. Submit the quarterly progress report on pending observations contained in this office inspection report and on self-assessed non-compliances based on CAR if any.
- ii. Continue to develop the operating procedures for all activities required to be performed for operation and maintenance of the aerodrome and carry out safety assessment of the same.
- iii. SMS Implementation plan at the aerodrome is required to be prepared and implemented in phased manner and progress to be submitted periodically and on completion of each phase.



[Handwritten signature]



Pollution Control Board Assam

UBIN : AA23107/AAACA6412D/09/2018

UAIN : PCB/CTE/KM/001813/05/2019

Fees : Rs. .00

"CONSENT TO ESTABLISH"

**"CONSENT TO ESTABLISH" is hereby granted to
AIRPORT AUTHORITY OF INDIA NITB GUWAHATI (A UNIT OF
AIRPORTS AUTHORITY OF INDIA)**

for setting up a

Air transport

unit with production capacity of as above,

to be located at SOS VILLAGE ROAD , , KAMRUP METROPOLITAN

under section

as amended under the concerned terms & conditions according to type of industry.

This Consent to Establish is valid for a period of 5(five) years from the date of issue of this certificate or upto the date of commissioning of the unit, whichever is earlier, subject to terms and conditions annexed herewith.

Place : Guwahati

Date : 25-10-2019

DR. D.N. DAS

Authorized Signatory

Details of Fees Paid

1. Regular Fees for the year -1 - : Rs. .00
2. Arrear Fees for the year 0 - 0 to 0 - 0 : Rs. 0.00
3. Penalty/other charges : Rs. 0.00





Pollution Control Board:: Assam Bamunimaidam; Guwahati-21

(Department of Environment & Forests :: Government of Assam)

Phone: 0361-2652774 & 2550258; Fax: 0361-2550259

Website: www.pcbassam.org



No.WB/GUW/T-3935/19-20/10

Dated Guwahati, the 4/10 2019

"CONSENT TO ESTABLISH"

"CONSENT TO ESTABLISH" is hereby granted to **M/s AIRPORT AUTHORITY OF INDIA NITB GUWAHATI (A UNIT OF AIRPORTS AUTHORITY OF INDIA)** for setting up a New Airport terminal for Domestic and International Flights with designed capacity about 700 Domestic & 20 International Flight per day located at SOS Village Road, Borjhar, Pin-781005, Dist.: Kamrup (M) (Assam) under Section 25 of Water (Prevention & Control of Pollution) Act, 1974 and Section 21 of Air (Prevention & Control of Pollution) Act, 1981 as amended under the following terms & conditions:

1. No Air, Water, Soil pollution shall be created by the unit beyond the permissible limits prescribed by the Board. The unit would incorporate adequate pollution control measures before they put the plant into operation.
2. To maintain the environment and ecology in the area provisions for planting selected species of tree within the compound and approaches along with provisions for park, garden and fountain shall have to be made. Massive afforestation will have to be made by the unit in the factory and township if any.
3. As per provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981 any officer, employed by this Board on its behalf shall without any interruption, shall have the right at any time to enter the unit for inspection, to take samples for analysis and any call for any information etc. violation of this right will lead to the withdrawal of this permission.
4. As per provisions of the Act, regular monitoring of Air, Water etc. is to be done by the unit from the location/points fixed by the Board and the report to be submitted to the board monthly.
5. Effluent carrying drains must be segregated from storm water drain. Any effluent generated must be treated and disposed after compliance of prescribed standard fixed by the Authority.
6. Standard linings on flat embankment of effluent pond shall have to be provided in the pond to prevent and control of overflow seepage and leakage of effluent to the nearby areas and ground water.
7. To regularise the subsequent "Consent to Operate" the legal provisions of "Consent to Operate" as per Act and Cess Returns as per Cess Act, 1977 shall have to be timely adhered to.
8. Gaseous pollution due to the burning of fuel to run engine boiler, kiln etc. should be controlled by adopting preventive measures adequately.
9. Solid waste that arises during the operation should be properly graded and disposed of scientifically without causing environmental degradation.
10. For Low lying areas, special care is to be taken by the unit to prevent any overflow, seepage and leakage of effluent.

Contd....p/2

11. Fire warning (Alarm, Siren) is to be installed by the unit to guard against accidental pollution/ mishap together with fire fighting devices.
12. All pipe connection, Joints; fittings etc. in the factory and plant are to be frequently checked and shall be leak proof all the time.
13. Proper housekeeping and adequate maintenance has to be ensured/ enforced as per provisions of Acts.
14. All unwanted Toxic Chemical/Fluid/Gases are to be taken care of as per prescribed norms.
15. Production process is to be monitored and in the event of danger immediate shut down is to be ensured by the unit.
16. **"CONSENT TO ESTABLISH"** has been issued basing on the particulars furnished by the applicant and subject to imposition to further/more conditions if warranted by the subsequent development.
17. **"CONSENT TO ESTABLISH" will be valid till the date of commissioning of the unit or 5 (five) years whichever is earlier.**
18. Healthy working environment for the worker must be maintained and there should not be health Hazard to the workers for in adequate arrangement for ventilation, dust removal arrangements should be adequate and full proof for the health of the workers. Their health should be regularly monitored.
19. The unit must submit compliance report of action taken on the conditions given by the Board before commissioning of the plant.
20. Adequate trees should be planted and maintained in the vacant space of the premises and all around the factory and township if any.
21. The Board will be at liberty to withdraw the **"CONSENT TO ESTABLISH"** at any time without notice, if necessary steps for prevention of pollution and prevention of degradation of environment is not taken by the unit as per mentioned conditions.
22. This issuance of the **"CONSENT TO ESTABLISH"** does not convey any property right in their real or personal property or any exclusive privileges nor does it authorize any injury to private property nor any invasion right any infringement of Central, State or Local Laws or Regulations.
23. The **"CONSENT TO ESTABLISH"** does not authorize or approve the construction of any physical structures or facilities or the undertaking of any work in any natural watercourse except of the works specially instructed herein.
24. The unit shall not discharge any wastewater outside the campus.
25. No fugitive emission shall be created by the unit.
26. The applicant shall maintain the general ambient air quality standards.
27. The unit shall not use any fuel, which may create pollution problem.
28. No noise pollution is to be created by the unit.
29. Noise dampening wall have to be arranged.
30. The unit must construct primary Effluent Treatment Plant (ETP) before commissioning of the unit.



31. The Unit should strictly follow the guidelines of E-Waste (Management) Rules, 2016 / Solid Waste Management Rules, 2016 / Hazardous & Other Waste (Management & Transboundary Movement) Rules, 2016 / Plastic Waste Management Rules, 2016.
32. The unit must comply to the National Ambient Air Quality Standards as per Schedule – VII under Rule, 3(3B) of the Environment (Protection) Rules, 1986.
33. Necessary steps are to be taken to maintain Ambient Air Quality standards in respect of Noise as per the Noise Pollution (Regulation and Control) Rules, 2000 as amended till date.
34. Adequate fire fighting measures with fitting like fire hydrant etc. shall have to be provided in order to prevent accident.
35. The Board will have the liberty to withdraw the “**CONSENT TO ESTABLISH**” if adequate pollution control and safety measures are not taken.

//
Member Secretary (i/c)

Memo No. WB/GUW/T-3935/19-20/10-A,

Dated Guwahati, the 4/10 2019

Copy to:

- ✓ 1. M/s. Airport Authority of India NITB Guwahati (A Unit of Airports Authority of India), Plot No. 60, Brahmaputra Industrial Park, Sila, Pin-781001, Dist.: Kamrup (M) (Assam) for information & necessary action. The “**CONSENT TO ESTABLISH**” is valid subject to fulfillment of above terms & conditions and also subject to obtaining necessary permission from other Competent Authorities. This has reference to his online application vide **UAIN: PCB/CTE/KM/001813/05/2019**.
2. The Deputy Secretary to the Govt. of Assam, Department of Environment & Forest, Dispur, Guwahati – 6 for favour of information.
3. The Deputy Commissioner, Kamrup (M) district for favour of information.
4. The General Manager, DI&CC, Kamrup (M) for favour of information.
5. The Sr. Env. Engineer, Regional Office; Guwahati-1; Pollution Control Board, Assam for information & necessary action. The “**CONSENT TO ESTABLISH**” is valid subject to fulfillment of above terms and conditions and also subject to obtaining necessary permission from other competent Authorities.

[Signature]

Member Secretary (i/c)

[Signature]

NITB Project Site -3 Mtr barricading structure to the periphery wall



Covering Fine Aggregate

Fine Aggregate and sand stocks are being covered with tarpaulin to protect spreading of it with air/water



Spraying of Water for Dust Suppression at NITB Project Site



Top soil preservation & Plantation drive with celebration of World Environment Day







Water spraying on aggregate materials for dust suppression.



Reinforcement Scrap Yard



Construction Materials are handling by covered trucks/ Dumpers



cement stacking and gunny bag stockyard



separate plastic and steel storage demarcated area



Empty Cements bags send to the recyclers & MSW sent to the Guwahati Municipal Commission Waste disposal site.



Housekeeping and Materials stacking at site



Storage for Hazardous waste Materials



Greenery Development at near the office Area



Drinking Water Facility at site

RO Plant installed for supply of drinking water.



Barricading of existing trees at site.



Facilities at labor camp with signage display & segregated waste bins.



Provided And Installed Wheel Washing Bay Facility



TEST REPORT

Name & Address of the Customer	Report No.	: MSK/GHY/2023-24/0036
"ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED" Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam-781015	Report Date	: 20.05.2023
	Nature of Sample	: Ambient Air
	Sample Mark	: NITB
	Sample Number	: MSKGL/ED/2023-24/04/00929-00937
Reference No.& Date: As Per Mail Date : 21.12.2021		

ANALYSIS RESULT

SL. NO.	Date of Monitoring	Concentration of Pollutants			
		PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
1.	02.03.2023	97.2	54.0	12.5	32.7
2.	06.03.2023	68.3	35.9	<6.0	15.1
3.	09.03.2023	74.2	41.2	9.3	24.5
4.	13.03.2023	85.1	44.8	10.7	26.3
5.	16.03.2023	70.5	35.3	7.6	23.7
6.	20.03.2023	62.8	28.5	<6.0	16.4
7.	23.03.2023	84.7	44.6	10.3	25.3
8.	27.03.2023	92.5	51.4	11.5	30.7
9.	30.03.2023	72.8	36.4	7.2	21.5
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality		100	60	80	80
Sampling and Analysis done according to		IS 5182: Part 23:2006 (Reaff.2012)	IS : 5182 (PT-24),2019	IS 5182 : Part 2 :2001 (Reaff.2012)	IS 5182 : Part 6 :2006 (Reaff.2012)
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality					

Report Prepared By:



Mitra S. K. Private Limited



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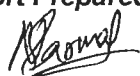
TEST REPORT

Name & Address of the Customer	Report No.	: MSK/GHY/2022-23/1771
"ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED" Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam-781015	Report Date	: 31.03.2023
	Nature of Sample	: Ambient Air
	Sample Mark	: NITB
	Sample Number	: MSKGL/ED/2022-23/03/00553-00559.00325
Reference No.& Date: As Per Mail Date : 21.12.2021		

ANALYSIS RESULT

SL. NO.	Date of Monitoring	Concentration of Pollutants			
		PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
1.	02.02.2023	98.1	54.5	12.8	31.5
2.	06.02.2023	65.0	34.2	<6.0	14.3
3.	09.02.2023	72.8	40.4	9.1	23.9
4.	13.02.2023	84.7	44.6	10.3	25.1
5.	20.02.2023	68.1	34.1	7.4	22.7
6.	23.02.2023	64.2	29.2	<6.0	15.2
7.	27.02.2023	83.5	43.9	9.8	24.1
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality		100	60	80	80
Sampling and Analysis done according to		IS 5182: Part 23:2006 (Reaff.2012)	IS : 5182 (PT-24),2019	IS 5182 : Part 2 :2001 (Reaff.2012)	IS 5182 : Part 6 :2006 (Reaff.2012)
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality					

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TEST REPORT

Name & Address of the Customer “ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED” Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam-781015	Report No.	: MSK/GHY/2022-23/1771
	Report Date	: 31.03.2023
	Nature of Sample	: Ambient Air
	Sample Mark	: NITB
	Sampling Date	: 16.02.2023
	Sample Number	: MSKGL/ED/2022-23/07/00325
Reference No. & Date: As Per Mail Date : 21.12.2021		


Analysis Result

Sl. No.	Test Parameter	Method	Unit	Results	CPCB Limit
1.	Particulate Matter (PM ₁₀)	IS : 5182 (Part-23)-2006	(µg/m ³)	71.1	100
2.	Particulate Matter (PM _{2.5})	IS : 5182 (Part-24)	(µg/m ³)	35.9	60
3.	Sulphur Dioxide (SO ₂)	IS : 5182 (Part-2)-2001	(µg/m ³)	<6.0	80
4.	Nitrogen Dioxide (NO ₂)	IS : 5182 (Part-6)-2006	(µg/m ³)	12.3	80
5.	Carbon Monoxide (CO)	IS 5182 : (Part-10) :1999	(mg/m ³)	0.76	2
6.	Ozone (O ₃)	Air Sampling, 3rd Edn. By James P. Lodge (Method-411)	(µg/m ³)	<20.0	180
7.	Ammonia (NH ₃)	Air Sampling, 3rd Edn. By James P. Lodge (Method-401)	(µg/m ³)	<10.0	400
8.	Lead (Pb)	USEPA IO-3.4	(µg/m ³)	0.02	1
9.	Nickel (Ni)	USEPA IO-3.4	(ng/m ³)	<5.0	20
10.	Arsenic (As)	USEPA IO-3.4	(ng/m ³)	<1.0	6
11.	Benzene (C ₆ H ₆)	IS 5182 : (Part 11) :2006	(µg/m ³)	<4.2	5
12.	Benzo(a)Pyrene (BaP)	IS 5182 : (Part 12) :2004	(ng/m ³)	<0.5	1
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality					

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TEST REPORT

Name & Address of the Customer	Report No.	: MSK/GHY/2022-23/1680
“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED” Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam-781015	Report Date	: 28.02.2023
	Nature of Sample	: Ambient Air
	Sample Mark	: NITB
	Sample Number	: MSKGL/ED/2022-23/02/00279-00287
Reference No.& Date: As Per Mail Date : 21.12.2021		


ANALYSIS RESULT

SL. NO.	Date of Monitoring	Concentration of Pollutants			
		PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
1.	02.01.2023	9.2	54.0	12.3	32.4
2.	05.01.2023	67.1	35.3	<6.0	14.1
3.	09.01.2023	73.8	41.0	9.4	23.7
4.	12.01.2023	85.1	44.8	10.5	25.3
5.	16.01.2023	69.2	34.6	7.2	22.9
6.	19.01.2023	65.5	29.8	<6.0	15.4
7.	23.01.2023	82.7	43.5	9.6	24.5
8.	27.01.2023	72.8	36.4	<6.0	12.1
9.	30.01.2023	89.2	46.9	11.2	28.9
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality		100	60	80	80
Sampling and Analysis done according to		IS 5182: Part 23:2006 (Reaff.2012)	IS : 5182 (PT-24),2019	IS 5182 : Part 2 :2001 (Reaff.2012)	IS 5182 : Part 6 :2006 (Reaff.2012)
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality					

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TEST REPORT

Name & Address of the Customer	Report No.	: MSK/GHY/2022-23/1581C
"ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED" Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam-781015	Report Date	: 25.01.2023
	Nature of Sample	: Ambient Air
	Sample Mark	: NITB
	Sample Number	: MSKGL/ED/2022-23/12/01385-01390, MSKGL/ED/2022-23/01/00349-00351
Reference No.& Date: As Per Mail Date : 21.12.2021		

ANALYSIS RESULT

SL. NO.	Date of Monitoring	Concentration of Pollutants			
		PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
1.	01.12.2022	98.2	54.6	12.5	32.7
2.	05.12.2022	68.5	36.1	<6.0	14.3
3.	08.12.2022	72.5	40.3	9.7	24.1
4.	12.12.2022	84.7	44.6	10.8	25.7
5.	15.12.2022	70.6	35.3	7.4	23.5
6.	19.12.2022	67.1	30.5	<6.0	15.9
7.	22.12.2022	83.5	43.9	10.3	24.8
8.	26.12.2022	73.9	37.0	<6.0	12.3
9.	29.12.2022	88.5	46.6	11.4	29.1
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality		100	60	80	80
Sampling and Analysis done according to		IS 5182: Part 23:2006 (Reaff.2012)	IS : 5182 (PT-24),2019	IS 5182 : Part 2 :2001 (Reaff.2012)	IS 5182 : Part 6 :2006 (Reaff.2012)
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality					

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TEST REPORT

Name & Address of the Customer	Report No.	: MSK/GHY/2022-23/1319
"ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED" Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam-781015	Report Date	: 25.11.2022
	Nature of Sample	: Ambient Air
	Sample Mark	: NITB
	Sample Number	: MSKGL/ED/2022-23/10/01356-01364
Reference No.& Date: As Per Mail Date : 21.12.2021		

ANALYSIS RESULT

SL. NO.	Date of Monitoring	Concentration of Pollutants			
		PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
1.	03.10.2022	98.2	54.6	12.3	30.5
2.	06.10.2022	66.3	34.9	<6.0	14.3
3.	10.10.2022	74.2	41.2	9.6	23.8
4.	13.10.2022	85.1	44.8	10.3	26.5
5.	17.10.2022	72.8	36.4	7.4	17.9
6.	20.10.2022	70.3	32.0	6.9	16.5
7.	24.10.2022	67.2	33.6	<6.0	12.8
8.	27.10.2022	90.3	47.5	11.5	29.6
9.	31.10.2022	79.3	44.1	9.8	25.1
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality		100	60	80	80
Sampling and Analysis done according to		IS 5182: Part 23:2006 (Reaff.2012)	IS : 5182 (PT-24),2019	IS 5182 : Part 2 :2001 (Reaff.2012)	IS 5182 : Part 6 :2006 (Reaff.2012)
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality					

Report Prepared By:



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TEST REPORT

Name & Address of the Customer	Report No.	: MSK/GHY/2022-23/1233
“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED” Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam-781015	Report Date	: 18.10.2022
	Nature of Sample	: Ambient Air
	Sample Mark	: NITB
	Sample Number	: MSKGL/ED/2022-23/10/00848-00856
Reference No. & Date: As Per Mail Date : 21.12.2021		


ANALYSIS RESULT

SL. NO.	Date of Monitoring	Concentration of Pollutants			
		PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
1.	01.09.2022	95.1	45.3	11.3	28.7
2.	05.09.2022	67.2	35.4	<6.0	13.2
3.	08.09.2022	73.8	41.0	9.3	24.7
4.	12.09.2022	84.7	44.6	10.5	25.2
5.	15.09.2022	70.5	35.3	7.6	18.4
6.	19.09.2022	72.7	33.0	8.1	22.5
7.	22.09.2022	64.5	32.3	<6.0	14.6
8.	26.09.2022	93.8	49.4	10.8	27.5
9.	29.09.2022	82.6	45.9	9.9	24.3
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality		100	60	80	80
Sampling and Analysis done according to		IS 5182: Part 23:2006 (Reaff.2012)	IS : 5182 (PT-24),2019	IS 5182 : Part 2 :2001 (Reaff.2012)	IS 5182 : Part 6 :2006 (Reaff.2012)
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality					

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TEST REPORT

Name & Address of the Customer	Report No.	: MSK/GHY/2023-24/0047
ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015 ASSAM 781015	Report Date	: 20.05.2023
	Nature of Sample	: Noise
	Sample Mark	: NITB
	Sample Drawn On	: 27.03.2023
	Sample Number	: MSKGL/ED/2023-24/04/00952
Reference No.& Date: As Per Mail Date : 21.12.2021		

ANALYSIS RESULT

Report of Noise Quality		
Day Time	Time (In Hrs.)	Hourly Leq dB(A)
	6.00 am	46.3
	7.00 am	46.0
	8.00 am	49.0
	9.00 am	52.0
	10.00 am	52.8
	11.00 am	54.9
	12.00 pm	56.5
	13.00 pm	57.4
	14.00 pm	58.9
	15.00 pm	61.4
	16.00 pm	63.5
	17.00 pm	64.6
	18.00 pm	62.9
	19.00 pm	62.0
	20.00 pm	60.5
	21.00 pm	58.6
	Lday	59.6
	MAX(day)	64.6
	MIN(day)	46.0
	Average(day)	56.6

Count. To Page-2

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Reference No.& Date: As Per Mail Date : 21.12.2021

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Report of Noise Quality		
	Time (In Hrs.)	Hourly Leq dB(A)
Night Time	22.00 pm	59.4
	23.00 am	55.3
	24.00 am	53.6
	1.00 am	51.5
	2.00 am	49.4
	3.00 am	46.0
	4.00 am	46.4
	5.00 am	45.7
	Lnight	53.5
	MAX(Night)	59.4
	MIN(Night)	45.7
	Average(Night)	50.8

Noise Limit as per CPCB			
Category of Area/Zone	Leq dB(A) Day Time	Leq dB(A) Night Time	NOTE : Day Time : 06.00 Hr.-22.00 Hr. Night Time:22.00 Hr.-06.00 Hr.
Industrial	75	70	
Commercial	65	55	
Residential	55	45	
Silence	50	40	

Report Prepared By :



for Mitra S. K. Private Limited



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TEST REPORT

Name & Address of the Customer	Report No.	: MSK/GHY/2022-23/1774
ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015 ASSAM 781015	Report Date	: 31.03.2023
	Nature of Sample	: Noise
	Sample Mark	: NITB
	Sample Drawn On	: 13.02.2023
	Sample Number	: MSKGL/ED/2022-23/03/00562
Reference No.& Date: As Per Mail Date : 21.12.2021		

ANALYSIS RESULT

Report of Noise Quality		
	Time (In Hrs.)	Hourly Leq dB(A)
Day Time	6.00 am	49.7
	7.00 am	53.2
	8.00 am	53.9
	9.00 am	54.7
	10.00 am	51.8
	11.00 am	53.6
	12.00 pm	54.6
	13.00 pm	57.3
	14.00 pm	57.1
	15.00 pm	62.0
	16.00 pm	66.9
	17.00 pm	66.3
	18.00 pm	65.2
	19.00 pm	63.3
	20.00 pm	61.2
	21.00 pm	56.2
	Lday	61.1
	MAX(day)	66.9
	MIN(day)	49.7
	Average(day)	57.3

Count. To Page-2

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Reference No.& Date: As Per Mail Date : 21.12.2021

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Report of Noise Quality		
	Time (In Hrs.)	Hourly Leq dB(A)
Night Time	22.00 pm	52.8
	23.00 am	49.6
	24.00 am	47.2
	1.00 am	53.5
	2.00 am	49.1
	3.00 am	50.1
	4.00 am	49.5
	5.00 am	47.2
	Lnight	50.4
	MAX(Night)	53.5
	MIN(Night)	47.2
	Average(Night)	54.1

Noise Limit as per CPCB			
Category of Area/Zone	Leq dB(A) Day Time	Leq dB(A) Night Time	NOTE : Day Time : 06.00 Hr.-22.00 Hr. Night Time:22.00 Hr.-06.00 Hr.
Industrial	75	70	
Commercial	65	55	
Residential	55	45	
Silence	50	40	

Report Prepared By :



for Mitra S. K. Private Limited



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TEST REPORT

Name & Address of the Customer	Report No.	: MSK/GHY/2022-23/1691
ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015 ASSAM 781015	Report Date	: 28.02.2023
	Nature of Sample	: Noise
	Sample Mark	: NITB
	Sample Drawn On	: 16.01.2023
	Sample Number	: MSKGL/ED/2022-23/02/00306
Reference No.& Date: As Per Mail Date : 21.12.2021		

ANALYSIS RESULT

Report of Noise Quality		
Day Time	Time (In Hrs.)	Hourly Leq dB(A)
	6.00 am	49.1
	7.00 am	50.4
	8.00 am	51.7
	9.00 am	53.2
	10.00 am	55.1
	11.00 am	56.4
	12.00 pm	58.7
	13.00 pm	59.9
	14.00 pm	61.7
	15.00 pm	64.0
	16.00 pm	65.0
	17.00 pm	65.7
	18.00 pm	65.9
	19.00 pm	65.1
	20.00 pm	63.9
	21.00 pm	62.7
	Lday	62.0
	MAX(day)	65.9
	MIN(day)	49.1
	Average(day)	62.0

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Report of Noise Quality		
	Time (In Hrs.)	Hourly Leq dB(A)
Night Time	22.00 pm	60.0
	23.00 am	57.1
	24.00 am	57.1
	1.00 am	56.2
	2.00 am	53.1
	3.00 am	52.3
	4.00 am	50.0
	5.00 am	48.2
	Lnight	55.7
	MAX(Night)	60.0
	MIN(Night)	48.2
	Average(Night)	56.3

Noise Limit as per CPCB			
Category of Area/Zone	Leq dB(A) Day Time	Leq dB(A) Night Time	NOTE : Day Time : 06.00 Hr.-22.00 Hr. Night Time:22.00 Hr.-06.00 Hr.
Industrial	75	70	
Commercial	65	55	
Residential	55	45	
Silence	50	40	

Report Prepared By :



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TEST REPORT

Name & Address of the Customer	Report No.	: MSK/GHY/2022-23/1581F
ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015 ASSAM 781015	Report Date	: 25.01.2023
	Nature of Sample	: Noise
	Sample Mark	: NITB
	Sample Drawn On	: 05.12.2022
	Sample Number	: MSKGL/ED/2022-23/12/01393
Reference No.& Date: As Per Mail Date : 21.12.2021		

ANALYSIS RESULT

Report of Noise Quality		
	Time (In Hrs.)	Hourly Leq dB(A)
Day Time	6.00 am	49.1
	7.00 am	50.4
	8.00 am	51.7
	9.00 am	53.2
	10.00 am	55.1
	11.00 am	56.4
	12.00 pm	58.7
	13.00 pm	59.9
	14.00 pm	61.7
	15.00 pm	64.0
	16.00 pm	65.0
	17.00 pm	65.7
	18.00 pm	65.9
	19.00 pm	65.1
	20.00 pm	63.9
	21.00 pm	62.7
	Lday	62.0
	MAX(day)	65.9
	MIN(day)	49.1
	Average(day)	62.0

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Report of Noise Quality		
Night Time	Time (In Hrs.)	Hourly Leq dB(A)
	22.00 pm	60.0
	23.00 am	57.1
	24.00 am	57.1
	1.00 am	56.2
	2.00 am	53.1
	3.00 am	52.3
	4.00 am	50.0
	5.00 am	48.2
	Ln_{night}	55.7
	MAX(Night)	60.0
	MIN(Night)	48.2
	Average(Night)	56.3

Noise Limit as per CPCB			
Category of Area/Zone	Leq dB(A) Day Time	Leq dB(A) Night Time	NOTE : Day Time : 06.00 Hr.-22.00 Hr. Night Time:22.00 Hr.-06.00 Hr.
Industrial	75	70	
Commercial	65	55	
Residential	55	45	
Silence	50	40	

Report Prepared By :



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TEST REPORT

Name & Address of the Customer	Report No.	: MSK/GHY/2022-23/1330
ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015 ASSAM 781015	Report Date	: 25.10.2022
	Nature of Sample	: Noise
	Sample Mark	: NITB
	Sample Drawn On	: 20.10.2022
	Sample Number	: MSKGL/ED/2022-23/10/01337
Reference No.& Date: As Per Mail Date : 21.12.2021		

ANALYSIS RESULT

Report of Noise Quality		
Day Time	Time (In Hrs.)	Hourly Leq dB(A)
	6.00 am	46.2
	7.00 am	48.1
	8.00 am	48.6
	9.00 am	50.3
	10.00 am	51.7
	11.00 am	52.9
	12.00 pm	55.6
	13.00 pm	59.6
	14.00 pm	63.0
	15.00 pm	65.2
	16.00 pm	67.0
	17.00 pm	66.4
	18.00 pm	62.9
	19.00 pm	60.2
	20.00 pm	56.9
	21.00 pm	54.1
	Lday	61.0
	MAX(day)	67.0
	MIN(day)	46.2
	Average(day)	56.3

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Report of Noise Quality		
Night Time	Time (In Hrs.)	Hourly Leq dB(A)
	22.00 pm	52.8
	23.00 am	52.3
	24.00 am	51.1
	1.00 am	48.0
	2.00 am	47.8
	3.00 am	46.7
	4.00 am	44.9
	5.00 am	44.6
	Lnight	49.5
	MAX(Night)	52.8
	MIN(Night)	44.6
	Average(Night)	48.3

Noise Limit as per CPCB			
Category of Area/Zone	Leq dB(A) Day Time	Leq dB(A) Night Time	NOTE : Day Time : 06.00 Hr.-22.00 Hr. Night Time:22.00 Hr.-06.00 Hr.
Industrial	75	70	
Commercial	65	55	
Residential	55	45	
Silence	50	40	

Report Prepared By :



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TEST REPORT

Name & Address of the Customer	Report No.	: MSK/GHY/2022-23/1244
ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015 ASSAM 781015	Report Date	: 18.10.2022
	Nature of Sample	: Noise
	Sample Mark	: NITB
	Sample Drawn On	: 19.09.2022
	Sample Number	: MSKGL/ED/2022-23/10/00867
Reference No.& Date: As Per Mail Date : 21.12.2021		

ANALYSIS RESULT

Report of Noise Quality		
Day Time	Time (In Hrs.)	Hourly Leq dB(A)
	6.00 am	45.8
	7.00 am	48.4
	8.00 am	51.3
	9.00 am	51.5
	10.00 am	53.3
	11.00 am	54.9
	12.00 pm	55.4
	13.00 pm	56.1
	14.00 pm	56.8
	15.00 pm	61.4
	16.00 pm	62.7
	17.00 pm	59.5
	18.00 pm	63.6
	19.00 pm	61.6
	20.00 pm	57.5
	21.00 pm	55.9
	Lday	58.4
	MAX(day)	63.6
	MIN(day)	45.8
	Average(day)	55.7

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Report of Noise Quality		
	Time (In Hrs.)	Hourly Leq dB(A)
Night Time	22.00 pm	55.0
	23.00 am	56.1
	24.00 am	52.0
	1.00 am	48.3
	2.00 am	46.5
	3.00 am	43.3
	4.00 am	43.9
	5.00 am	45.6
	Lnight	51.3
	MAX(Night)	56.1
	MIN(Night)	43.3
	Average(Night)	48.7

Noise Limit as per CPCB			
Category of Area/Zone	Leq dB(A) Day Time	Leq dB(A) Night Time	NOTE : Day Time : 06.00 Hr.-22.00 Hr. Night Time:22.00 Hr.-06.00 Hr.
Industrial	75	70	
Commercial	65	55	
Residential	55	45	
Silence	50	40	

Report Prepared By :



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TEST REPORT

Name & Address of the Customer	Report No.	: MSK/GHY/2023-24/0056
“ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED” Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam-781015	Report Date	: 20.05.2023
	Nature of Sample	: Noise
	Sample Mark	: Plane Landing Side (Near Dekapara Village)
	Sample Drawn On	: 06.03.2023
	Sample Number	: MSKGL/ED/2023-24/04/00969
Reference No.& Date: As Per Mail Date : 21.12.2021		

ANALYSIS RESULT

Report of Noise Quality		
Day Time	Time (In Hrs.)	Hourly Leq dB(A)
	6.00 am	46.1
	7.00 am	47.1
	8.00 am	49.3
	9.00 am	51.6
	10.00 am	55.2
	11.00 am	57.5
	12.00 pm	57.6
	13.00 pm	60.1
	14.00 pm	61.9
	15.00 pm	57.1
	16.00 pm	60.1
	17.00 pm	62.5
	18.00 pm	60.8
	19.00 pm	60.7
	20.00 pm	60.5
	21.00 pm	57.8
	Lday	58.7
	MAX(day)	62.5
	MIN(day)	46.1
	Average(day)	56.5

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Report of Noise Quality		
Night Time	Time (In Hrs.)	Hourly Leq dB(A)
	22.00 pm	58.1
	23.00 am	58.0
	24.00 am	57.4
	1.00 am	55.5
	2.00 am	54.2
	3.00 am	53.4
	4.00 am	51.7
	5.00 am	49.2
	Lnight	55.6
	MAX(Night)	58.1
	MIN(Night)	49.2
	Average(Night)	54.6

Noise Limit as per CPCB			
Category of Area/Zone	Leq dB(A) Day Time	Leq dB(A) Night Time	NOTE : Day Time : 06.00 Hr.-22.00 Hr. Night Time:22.00 Hr.-06.00 Hr.
Industrial	75	70	
Commercial	65	55	
Residential	55	45	
Silence	50	40	

Report Prepared By :



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TEST REPORT

Name & Address of the Customer	Report No.	: MSK/GHY/2023-24/0057
ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015 ASSAM 781015	Report Date	: 20.05.2023
	Nature of Sample	: Noise
	Sample Mark	: Plane Landing Side (Near Dekapara Village)
	Sample Drawn On	: 07.03.2023
	Sample Number	: MSKGL/ED/2023-24/04/00970
Reference No.& Date: As Per Mail Date : 21.12.2021		

ANALYSIS RESULT

Report of Noise Quality		
	Time (In Hrs.)	Hourly Leq dB(A)
Day Time	6.00 am	49.2
	7.00 am	49.9
	8.00 am	52.1
	9.00 am	53.6
	10.00 am	55.7
	11.00 am	56.2
	12.00 pm	58.0
	13.00 pm	60.9
	14.00 pm	62.9
	15.00 pm	63.1
	16.00 pm	60.3
	17.00 pm	61.1
	18.00 pm	58.2
	19.00 pm	58.4
	20.00 pm	58.3
	21.00 pm	56.7
	Lday	58.8
	MAX(day)	63.1
	MIN(day)	49.2
	Average(day)	57.0

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Report of Noise Quality		
	Time (In Hrs.)	Hourly Leq dB(A)
Night Time	22.00 pm	57.4
	23.00 am	55.3
	24.00 am	54.6
	1.00 am	54.6
	2.00 am	51.6
	3.00 am	51.2
	4.00 am	49.9
	5.00 am	49.0
	Lnight	53.8
	MAX(Night)	57.4
	MIN(Night)	49.0
	Average(Night)	52.9

Noise Limit as per CPCB			
Category of Area/Zone	Leq dB(A) Day Time	Leq dB(A) Night Time	NOTE : Day Time : 06.00 Hr.-22.00 Hr. Night Time:22.00 Hr.-06.00 Hr.
Industrial	75	70	
Commercial	65	55	
Residential	55	45	
Silence	50	40	

Report Prepared By :



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TEST REPORT

Name & Address of the Customer	Report No.	: MSK/GHY/2023-24/0058
ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015 ASSAM 781015	Report Date	: 20.05.2023
	Nature of Sample	: Noise
	Sample Mark	: Plane Landing Side (Near Dekapara Village)
	Sample Drawn On	: 08.03.2023
	Sample Number	: MSKGL/ED/2023-24/04/00971
Reference No.& Date: As Per Mail Date : 21.12.2021		

ANALYSIS RESULT

Report of Noise Quality		
	Time (In Hrs.)	Hourly Leq dB(A)
Day Time	6.00 am	48.3
	7.00 am	50.4
	8.00 am	51.6
	9.00 am	53.0
	10.00 am	54.3
	11.00 am	55.1
	12.00 pm	56.6
	13.00 pm	57.7
	14.00 pm	58.3
	15.00 pm	60.3
	16.00 pm	60.9
	17.00 pm	62.6
	18.00 pm	61.8
	19.00 pm	60.2
	20.00 pm	59.7
	21.00 pm	58.9
	Lday	58.5
	MAX(day)	62.6
	MIN(day)	48.3
	Average(day)	56.8

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Report of Noise Quality		
Night Time	Time (In Hrs.)	Hourly Leq dB(A)
	22.00 pm	57.0
	23.00 am	55.4
	24.00 am	55.8
	1.00 am	55.2
	2.00 am	54.0
	3.00 am	52.5
	4.00 am	50.5
	5.00 am	48.3
	Lnight	54.3
	MAX(Night)	57.0
	MIN(Night)	48.3
	Average(Night)	53.9

Noise Limit as per CPCB			
Category of Area/Zone	Leq dB(A) Day Time	Leq dB(A) Night Time	NOTE : Day Time : 06.00 Hr.-22.00 Hr. Night Time:22.00 Hr.-06.00 Hr.
Industrial	75	70	
Commercial	65	55	
Residential	55	45	
Silence	50	40	

Report Prepared By :



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TEST REPORT

Name & Address of the Customer	Report No.	: MSK/GHY/2023-24/0059
ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015 ASSAM 781015	Report Date	: 20.05.2023
	Nature of Sample	: Noise
	Sample Mark	: Plane Landing Side (Near Dekapara Village)
	Sample Drawn On	: 09.03.2023
	Sample Number	: MSKGL/ED/2023-24/04/00972
Reference No.& Date: As Per Mail Date : 21.12.2021		

ANALYSIS RESULT

Report of Noise Quality		
Day Time	Time (In Hrs.)	Hourly Leq dB(A)
	6.00 am	47.4
	7.00 am	48.8
	8.00 am	49.6
	9.00 am	51.2
	10.00 am	51.6
	11.00 am	53.6
	12.00 pm	54.3
	13.00 pm	55.5
	14.00 pm	56.8
	15.00 pm	57.2
	16.00 pm	61.1
	17.00 pm	61.7
	18.00 pm	63.2
	19.00 pm	63.5
	20.00 pm	63.2
	21.00 pm	62.3
	Lday	59.2
	MAX(day)	63.5
	MIN(day)	47.4
	Average(day)	56.2

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Report of Noise Quality		
Night Time	Time (In Hrs.)	Hourly Leq dB(A)
	22.00 pm	60.4
	23.00 am	60.6
	24.00 am	58.8
	1.00 am	58.9
	2.00 am	55.8
	3.00 am	52.2
	4.00 am	50.3
	5.00 am	48.4
	Lnight	57.5
	MAX(Night)	60.6
	MIN(Night)	48.4
	Average(Night)	55.6

Noise Limit as per CPCB			
Category of Area/Zone	Leq dB(A) Day Time	Leq dB(A) Night Time	NOTE : Day Time : 06.00 Hr.-22.00 Hr. Night Time:22.00 Hr.-06.00 Hr.
Industrial	75	70	
Commercial	65	55	
Residential	55	45	
Silence	50	40	

Report Prepared By :



for Mitra S. K. Private Limited


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TEST REPORT

Name & Address of the Customer	Report No.	: MSK/GHY/2023-24/0060
ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015 ASSAM 781015	Report Date	: 20.05.2023
	Nature of Sample	: Noise
	Sample Mark	: Plane Landing Side (Near Dekapara Village)
	Sample Drawn On	: 10.03.2023
	Sample Number	: MSKGL/ED/2023-24/04/00973
Reference No.& Date: As Per Mail Date : 21.12.2021		

ANALYSIS RESULT

Report of Noise Quality		
Day Time	Time (In Hrs.)	Hourly Leq dB(A)
	6.00 am	48.8
	7.00 am	50.2
	8.00 am	49.2
	9.00 am	52.5
	10.00 am	53.8
	11.00 am	55.0
	12.00 pm	57.3
	13.00 pm	58.7
	14.00 pm	60.4
	15.00 pm	62.0
	16.00 pm	63.6
	17.00 pm	63.1
	18.00 pm	61.5
	19.00 pm	60.4
	20.00 pm	61.6
	21.00 pm	59.2
	Lday	59.4
	MAX(day)	63.6
	MIN(day)	48.8
	Average(day)	57.3

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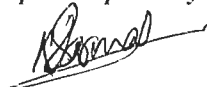
Reference No.& Date: As Per Mail Date : 21.12.2021

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Report of Noise Quality		
Night Time	Time (In Hrs.)	Hourly Leq dB(A)
	22.00 pm	57.4
	23.00 am	57.1
	24.00 am	55.9
	1.00 am	54.7
	2.00 am	52.8
	3.00 am	50.8
	4.00 am	49.4
	5.00 am	47.5
	Lnight	54.4
	MAX(Night)	57.4
	MIN(Night)	47.5
	Average(Night)	53.1

Noise Limit as per CPCB			
Category of Area/Zone	Leq dB(A) Day Time	Leq dB(A) Night Time	NOTE : Day Time : 06.00 Hr.-22.00 Hr. Night Time:22.00 Hr.-06.00 Hr.
Industrial	75	70	
Commercial	65	55	
Residential	55	45	
Silence	50	40	

Report Prepared By :



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TEST REPORT

Name & Address of the Customer	Report No.	: MSK/GHY/2023-24/0061
ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015 ASSAM 781015	Report Date	: 20.05.2023
	Nature of Sample	: Noise
	Sample Mark	: Plane Landing Side (Near Dekapara Village)
	Sample Drawn On	: 11.03.2023
	Sample Number	: MSKGL/ED/2023-24/04/00974
Reference No.& Date: As Per Mail Date : 21.12.2021		

ANALYSIS RESULT

Report of Noise Quality		
Day Time	Time (In Hrs.)	Hourly Leq dB(A)
	6.00 am	48.9
	7.00 am	49.7
	8.00 am	51.4
	9.00 am	51.7
	10.00 am	53.4
	11.00 am	55.3
	12.00 pm	56.0
	13.00 pm	57.8
	14.00 pm	61.2
	15.00 pm	63.1
	16.00 pm	63.5
	17.00 pm	61.5
	18.00 pm	61.3
	19.00 pm	60.4
	20.00 pm	58.2
	21.00 pm	58.6
	Lday	59.1
	MAX(day)	63.5
	MIN(day)	48.9
	Average(day)	56.9

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Report of Noise Quality		
Night Time	Time (In Hrs.)	Hourly Leq dB(A)
	22.00 pm	56.1
	23.00 am	53.6
	24.00 am	52.4
	1.00 am	51.9
	2.00 am	51.3
	3.00 am	49.9
	4.00 am	48.2
	5.00 am	46.9
	Lnight	52.2
	MAX(Night)	56.1
	MIN(Night)	46.9
	Average(Night)	51.2

Noise Limit as per CPCB			
Category of Area/Zone	Leq dB(A) Day Time	Leq dB(A) Night Time	NOTE : Day Time : 06.00 Hr.-22.00 Hr. Night Time:22.00 Hr.-06.00 Hr.
Industrial	75	70	
Commercial	65	55	
Residential	55	45	
Silence	50	40	

Report Prepared By :



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TEST REPORT

Name & Address of the Customer	Report No.	: MSK/GHY/2023-24/0062
ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015 ASSAM 781015	Report Date	: 20.05.2023
	Nature of Sample	: Noise
	Sample Mark	: Plane Landing Side (Near Dekapara Village)
	Sample Drawn On	: 12.03.2023
	Sample Number	: MSKGL/ED/2023-24/04/00975
Reference No.& Date: As Per Mail Date : 21.12.2021		

ANALYSIS RESULT

Report of Noise Quality		
Day Time	Time (In Hrs.)	Hourly Leq dB(A)
	6.00 am	49.4
	7.00 am	50.3
	8.00 am	51.4
	9.00 am	53.7
	10.00 am	54.4
	11.00 am	56.4
	12.00 pm	58.6
	13.00 pm	61.8
	14.00 pm	63.3
	15.00 pm	64.4
	16.00 pm	64.2
	17.00 pm	62.1
	18.00 pm	60.3
	19.00 pm	60.1
	20.00 pm	60.6
	21.00 pm	58.9
	Lday	60.2
	MAX(day)	64.4
	MIN(day)	49.4
	Average(day)	58.0

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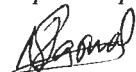
Reference No.& Date: As Per Mail Date : 21.12.2021

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Report of Noise Quality		
Night Time	Time (In Hrs.)	Hourly Leq dB(A)
	22.00 pm	58.0
	23.00 am	56.6
	24.00 am	55.5
	1.00 am	54.7
	2.00 am	54.5
	3.00 am	51.4
	4.00 am	48.6
	5.00 am	47.3
	Lnight	54.6
	MAX(Night)	58.0
	MIN(Night)	47.3
	Average(Night)	53.3

Noise Limit as per CPCB			
Category of Area/Zone	Leq dB(A) Day Time	Leq dB(A) Night Time	NOTE : Day Time : 06.00 Hr.-22.00 Hr. Night Time:22.00 Hr.-06.00 Hr.
Industrial	75	70	
Commercial	65	55	
Residential	55	45	
Silence	50	40	

Report Prepared By :



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TEST REPORT

Name & Address of the Customer	Report No.	: MSK/GHY/2023-24/0063
ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015 ASSAM 781015	Report Date	: 20.05.2023
	Nature of Sample	: Noise
	Sample Mark	: Plane Take off Side (Near Kuhabari Village)
	Sample Drawn On	: 13.03.2023
	Sample Number	: MSKGL/ED/2023-24/04/00976
Reference No.& Date: As Per Mail Date : 21.12.2021		

ANALYSIS RESULT

Report of Noise Quality		
Day Time	Time (In Hrs.)	Hourly Leq dB(A)
	6.00 am	45.4
	7.00 am	45.8
	8.00 am	47.5
	9.00 am	49.3
	10.00 am	52.1
	11.00 am	53.4
	12.00 pm	55.0
	13.00 pm	56.6
	14.00 pm	54.8
	15.00 pm	56.2
	16.00 pm	56.3
	17.00 pm	55.9
	18.00 pm	55.0
	19.00 pm	55.5
	20.00 pm	58.8
	21.00 pm	57.0
	Lday	54.8
	MAX(day)	58.8
	MIN(day)	45.4
	Average(day)	53.3

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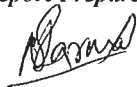
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Report of Noise Quality		
Night Time	Time (In Hrs.)	Hourly Leq dB(A)
	22.00 pm	54.2
	23.00 am	53.9
	24.00 am	53.4
	1.00 am	52.7
	2.00 am	50.7
	3.00 am	48.7
	4.00 am	46.8
	5.00 am	46.3
	Lnight	51.7
	MAX(Night)	54.2
	MIN(Night)	46.3
	Average(Night)	50.8

Noise Limit as per CPCB			
Category of Area/Zone	Leq dB(A) Day Time	Leq dB(A) Night Time	NOTE : Day Time : 06.00 Hr.-22.00 Hr. Night Time:22.00 Hr.-06.00 Hr.
Industrial	75	70	
Commercial	65	55	
Residential	55	45	
Silence	50	40	

Report Prepared By :



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TEST REPORT

Name & Address of the Customer	Report No.	: MSK/GHY/2023-24/0064
ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015 ASSAM 781015	Report Date	: 20.05.2023
	Nature of Sample	: Noise
	Sample Mark	: Plane Take off Side (Near Kuhabari Village)
	Sample Drawn On	: 14.03.2023
	Sample Number	: MSKGL/ED/2023-24/04/00977
Reference No.& Date: As Per Mail Date : 21.12.2021		

ANALYSIS RESULT

Report of Noise Quality		
Day Time	Time (In Hrs.)	Hourly Leq dB(A)
	6.00 am	46.4
	7.00 am	48.3
	8.00 am	49.1
	9.00 am	51.6
	10.00 am	53.2
	11.00 am	53.6
	12.00 pm	54.3
	13.00 pm	54.2
	14.00 pm	56.3
	15.00 pm	57.6
	16.00 pm	60.7
	17.00 pm	60.8
	18.00 pm	60.6
	19.00 pm	59.0
	20.00 pm	57.6
	21.00 pm	58.3
	Lday	56.9
	MAX(day)	60.8
	MIN(day)	46.4
	Average(day)	55.0

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Reference No.& Date: As Per Mail Date : 21.12.2021

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Report of Noise Quality		
Night Time	Time (In Hrs.)	Hourly Leq dB(A)
	22.00 pm	57.3
	23.00 am	56.0
	24.00 am	53.5
	1.00 am	52.6
	2.00 am	51.5
	3.00 am	49.6
	4.00 am	49.9
	5.00 am	47.3
	Ln_{night}	53.3
	MAX(Night)	57.3
	MIN(Night)	47.3
	Average(Night)	52.1

Noise Limit as per CPCB			
Category of Area/Zone	Leq dB(A) Day Time	Leq dB(A) Night Time	NOTE : Day Time : 06.00 Hr.-22.00 Hr. Night Time:22.00 Hr.-06.00 Hr.
Industrial	75	70	
Commercial	65	55	
Residential	55	45	
Silence	50	40	

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TEST REPORT

Name & Address of the Customer	Report No.	: MSK/GHY/2023-24/0065
ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015 ASSAM 781015	Report Date	: 20.05.2023
	Nature of Sample	: Noise
	Sample Mark	: Plane Take off Side (Near Kuhabari Village)
	Sample Drawn On	: 15.03.2023
	Sample Number	: MSKGL/ED/2023-24/04/00978
Reference No.& Date: As Per Mail Date : 21.12.2021		

ANALYSIS RESULT

Report of Noise Quality		
Day Time	Time (In Hrs.)	Hourly Leq dB(A)
	6.00 am	45.5
	7.00 am	48.2
	8.00 am	50.4
	9.00 am	52.4
	10.00 am	53.5
	11.00 am	55.3
	12.00 pm	56.8
	13.00 pm	57.7
	14.00 pm	58.7
	15.00 pm	60.0
	16.00 pm	63.0
	17.00 pm	63.2
	18.00 pm	59.2
	19.00 pm	60.1
	20.00 pm	57.4
	21.00 pm	56.3
	Lday	58.2
	MAX(day)	63.2
	MIN(day)	45.5
	Average(day)	56.0

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Reference No.& Date: As Per Mail Date : 21.12.2021

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Report of Noise Quality		
Night Time	Time (In Hrs.)	Hourly Leq dB(A)
	22.00 pm	54.5
	23.00 am	53.0
	24.00 am	52.8
	1.00 am	50.6
	2.00 am	48.9
	3.00 am	48.4
	4.00 am	46.8
	5.00 am	45.8
	Lnight	51.1
	MAX(Night)	54.5
	MIN(Night)	45.8
	Average(Night)	50.0

Noise Limit as per CPCB			
Category of Area/Zone	Leq dB(A) Day Time	Leq dB(A) Night Time	NOTE : Day Time : 06.00 Hr.-22.00 Hr. Night Time:22.00 Hr.-06.00 Hr.
Industrial	75	70	
Commercial	65	55	
Residential	55	45	
Silence	50	40	

Report Prepared By :



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TEST REPORT

Name & Address of the Customer	Report No.	: MSK/GHY/2023-24/0066
ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015 ASSAM 781015	Report Date	: 20.05.2023
	Nature of Sample	: Noise
	Sample Mark	: Plane Take off Side (Near Kuhabari Village)
	Sample Drawn On	: 16.03.2023
	Sample Number	: MSKGL/ED/2023-24/04/00979
Reference No.& Date: As Per Mail Date : 21.12.2021		

ANALYSIS RESULT

Report of Noise Quality		
Day Time	Time (In Hrs.)	Hourly Leq dB(A)
	6.00 am	48.4
	7.00 am	48.8
	8.00 am	51.4
	9.00 am	52.2
	10.00 am	52.7
	11.00 am	53.8
	12.00 pm	54.4
	13.00 pm	55.6
	14.00 pm	57.1
	15.00 pm	57.5
	16.00 pm	57.2
	17.00 pm	56.4
	18.00 pm	59.4
	19.00 pm	59.7
	20.00 pm	60.0
	21.00 pm	57.7
	Lday	56.4
	MAX(day)	60.0
	MIN(day)	48.4
	Average(day)	55.1

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Report of Noise Quality		
Night Time	Time (In Hrs.)	Hourly Leq dB(A)
	22.00 pm	55.8
	23.00 am	53.7
	24.00 am	52.7
	1.00 am	51.9
	2.00 am	48.9
	3.00 am	49.7
	4.00 am	46.8
	5.00 am	46.1
	Lnight	51.8
	MAX(Night)	55.8
	MIN(Night)	46.1
	Average(Night)	50.6

Noise Limit as per CPCB			
Category of Area/Zone	Leq dB(A) Day Time	Leq dB(A) Night Time	NOTE : Day Time : 06.00 Hr.-22.00 Hr. Night Time:22.00 Hr.-06.00 Hr.
Industrial	75	70	
Commercial	65	55	
Residential	55	45	
Silence	50	40	

Report Prepared By :



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TEST REPORT

Name & Address of the Customer	Report No.	: MSK/GHY/2023-24/0067
ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015 ASSAM 781015	Report Date	: 20.05.2023
	Nature of Sample	: Noise
	Sample Mark	: Plane Take off Side (Near Kuhabari Village)
	Sample Drawn On	: 17.03.2023
	Sample Number	: MSKGL/ED/2023-24/04/00980
Reference No.& Date: As Per Mail Date : 21.12.2021		

ANALYSIS RESULT

Report of Noise Quality		
Day Time	Time (In Hrs.)	Hourly Leq dB(A)
	6.00 am	46.3
	7.00 am	47.7
	8.00 am	50.0
	9.00 am	51.0
	10.00 am	52.4
	11.00 am	54.3
	12.00 pm	56.3
	13.00 pm	56.0
	14.00 pm	58.0
	15.00 pm	57.7
	16.00 pm	60.8
	17.00 pm	62.0
	18.00 pm	60.1
	19.00 pm	57.7
	20.00 pm	57.9
	21.00 pm	56.4
	Lday	57.1
	MAX(day)	62.0
	MIN(day)	46.3
	Average(day)	55.2

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 Email : info@mitrask.com. Website: www.mitrask.com

Reference No.& Date: As Per Mail Date : 21.12.2021

Page-2

Report of Noise Quality		
Night Time	Time (In Hrs.)	Hourly Leq dB(A)
	22.00 pm	54.4
	23.00 am	53.7
	24.00 am	53.3
	1.00 am	58.5
	2.00 am	50.6
	3.00 am	49.2
	4.00 am	47.4
	5.00 am	45.5
	Lnight	53.3
	MAX(Night)	58.5
	MIN(Night)	45.5
	Average(Night)	51.2

Noise Limit as per CPCB			
Category of Area/Zone	Leq dB(A) Day Time	Leq dB(A) Night Time	NOTE : Day Time : 06.00 Hr.-22.00 Hr. Night Time:22.00 Hr.-06.00 Hr.
Industrial	75	70	
Commercial	65	55	
Residential	55	45	
Silence	50	40	

Report Prepared By :



for Mitra S. K. Private Limited



 Authorised Signatory

- The results relate only to the item(s) tested.
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 Tel. : 91 33 40143000 / 22650006 / 22650007 Fax : 91 33 22650008
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TEST REPORT

Name & Address of the Customer	Report No.	: MSK/GHY/2023-24/0068
ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015 ASSAM 781015	Report Date	: 20.05.2023
	Nature of Sample	: Noise
	Sample Mark	: Plane Take off Side (Near Kuhabari Village)
	Sample Drawn On	: 18.03.2023
	Sample Number	: MSKGL/ED/2023-24/04/00981
Reference No.& Date: As Per Mail Date : 21.12.2021		

ANALYSIS RESULT

Report of Noise Quality		
Day Time	Time (In Hrs.)	Hourly Leq dB(A)
	6.00 am	48.6
	7.00 am	50.2
	8.00 am	50.6
	9.00 am	53.0
	10.00 am	53.5
	11.00 am	54.8
	12.00 pm	56.3
	13.00 pm	53.7
	14.00 pm	55.1
	15.00 pm	56.2
	16.00 pm	53.6
	17.00 pm	54.1
	18.00 pm	55.6
	19.00 pm	53.5
	20.00 pm	56.1
	21.00 pm	55.9
	Lday	54.3
	MAX(day)	56.3
	MIN(day)	48.6
	Average(day)	53.7

Count. To Page-2

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Reference No.& Date: As Per Mail Date : 21.12.2021

Page-2

Report of Noise Quality		
	Time (In Hrs.)	Hourly Leq dB(A)
Night Time	22.00 pm	53.4
	23.00 am	52.4
	24.00 am	51.8
	1.00 am	49.1
	2.00 am	50.3
	3.00 am	48.1
	4.00 am	47.4
	5.00 am	46.1
	Lnight	50.5
	MAX(Night)	53.4
	MIN(Night)	46.1
	Average(Night)	49.7

Noise Limit as per CPCB			
Category of Area/Zone	Leq dB(A) Day Time	Leq dB(A) Night Time	NOTE : Day Time : 06.00 Hr.-22.00 Hr. Night Time:22.00 Hr.-06.00 Hr.
Industrial	75	70	
Commercial	65	55	
Residential	55	45	
Silence	50	40	

Report Prepared By :



for Mitra S. K. Private Limited



 Authorised Signatory

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Tel. : 91 33 40143000 / 22650006 / 22650007 Fax : 91 33 22650008

Email : info@mitrask.com. Website: www.mitrask.com

TEST REPORT

Name & Address of the Customer	Report No.	: MSK/GHY/2023-24/0069
ADANI GUWAHATI INTERNATIONAL AIRPORT LIMITED Lokpriya Gopinath Bordoloi International Airport, Borjhar, Guwahati, Kamrup Metropolitan, Assam, 781015 ASSAM 781015	Report Date	: 20.05.2023
	Nature of Sample	: Noise
	Sample Mark	: Plane Take off Side (Near Kuhabari Village)
	Sample Drawn On	: 19.03.2023
	Sample Number	: MSKGL/ED/2023-24/04/00982
Reference No.& Date: As Per Mail Date : 21.12.2021		

ANALYSIS RESULT

Report of Noise Quality		
Day Time	Time (In Hrs.)	Hourly Leq dB(A)
	6.00 am	48.6
	7.00 am	49.8
	8.00 am	51.6
	9.00 am	52.6
	10.00 am	53.2
	11.00 am	53.2
	12.00 pm	54.5
	13.00 pm	57.2
	14.00 pm	60.9
	15.00 pm	61.5
	16.00 pm	58.5
	17.00 pm	57.2
	18.00 pm	57.0
	19.00 pm	57.7
	20.00 pm	60.1
	21.00 pm	58.1
	Lday	57.2
	MAX(day)	61.5
	MIN(day)	48.6
	Average(day)	55.6

Count. To Page-2

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Reference No.& Date: As Per Mail Date : 21.12.2021

Page-2

Report of Noise Quality		
	Time (In Hrs.)	Hourly Leq dB(A)
Night Time	22.00 pm	57.6
	23.00 am	54.6
	24.00 am	52.8
	1.00 am	49.6
	2.00 am	48.1
	3.00 am	51.1
	4.00 am	49.5
	5.00 am	47.2
	Lnight	52.7
	MAX(Night)	57.6
	MIN(Night)	47.2
	Average(Night)	51.2

Noise Limit as per CPCB			
Category of Area/Zone	Leq dB(A) Day Time	Leq dB(A) Night Time	NOTE : Day Time : 06.00 Hr.-22.00 Hr. Night Time:22.00 Hr.-06.00 Hr.
Industrial	75	70	
Commercial	65	55	
Residential	55	45	
Silence	50	40	

Report Prepared By :



for Mitra S. K. Private Limited


 Authorised Signatory

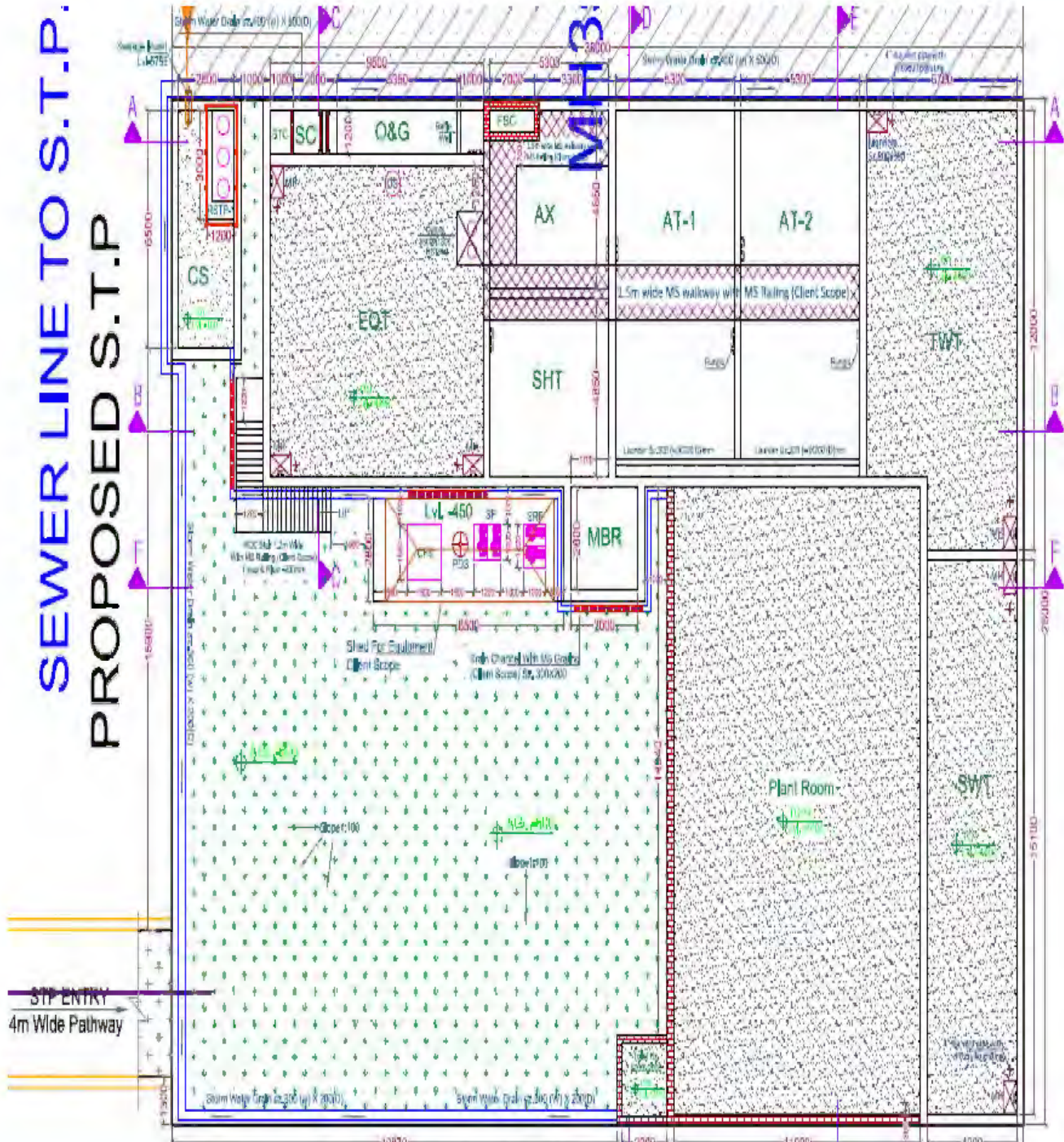
- The results relate only to the item(s) tested.
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Tel. : 91 33 40143000 / 22650006 / 22650007 Fax : 91 33 22650008

Email : info@mitrask.com. Website: www.mitrask.com

Proposed STP Layout





GOVT. OF ASSAM
OFFICE OF THE DIRECTOR,
FIRE AND EMERGENCY SERVICES, ASSAM, GUWAHATI.

75
Azadi Ka
Amrit Mahotsav

SEE RULE - 18(2)

F O R M - (G)

Dated Guwahati the 4/4/22

The Airport Director,
Airports Authority of India,
Guwahati-781015,
Dist:- Kamrup (M), Assam.

RENEWAL OF NO OBJECTION CERTIFICATE IN RESPECT OF INBUILT FIRE FIGHTING/
FIRE PREVENTION AND MEANS OF ESCAPE MEASURES IN **THE (G+M1+M2 STORIED)**
TERMINAL BUILDING UNDER AIRPORT AUTHORITY OF INDIA LOCATED AT AZARA,
GUWAHATI, DIST:- KAMRUP (M), ASSAM.

With reference to your completion report under No. Nil Dated - 17.03.2022
and on the basis of the Inspection Report submitted by Sr. Station Officer, Bipul Saharia and Station
Officer, Nabajit Nath, I hereby certify that the building as per description below at Dag No. Under
Airport Authority of India Patta No. Under Airport Authority of India Mouza Dakhin Rani,
(Place- **Azara, Guwahati**) has been inspected in respect of implementation of inbuilt Fire Fighting/
Fire Prevention/ Escape means measures and is declared fit in respect of fire safety. The Fire &
Emergency Services, Assam has No Objection in its occupation /utilization for the purpose of
TERMINAL BUILDING subject to conditions mentioned over leaf.

DETAILS OF APPROVED OCCUPATION:-

GROUND FLOOR:-

1. Floor area:- **13575 m²**
2. Purpose of utilization:-
Ticket Counter, Security Counter, Office and Assembly.

MEZZANINE FLOOR 1:-

1. Floor area:- **1050 m²**
2. Purpose of utilization:-
Office, Guest Room and Assembly.

MEZZANINE FLOOR 2:-

1. Floor area:- **5370 m²**
2. Purpose of utilization:-
Office and Assembly.

Details of Fire Fighting measures found in working condition:

1. Hose Reel Hose system
2. Down Comer cum Wet Riser system
3. Yard Hydrant system
4. Manually Operated Electric Fire Alarm system
5. Automatic Smoke/ Heat Detection system
6. Fire Extinguishers- 60 Nos.
7. Water Reservoir
8. Terrace Water Tank
9. Fire Pump

S.P. cum F&ES Adviser,
for and on behalf of
Director of Fire and Emergency Services,
Assam, Guwahati.

NO. F&ES/FPW/

Dated Guwahati the

Copy to:-

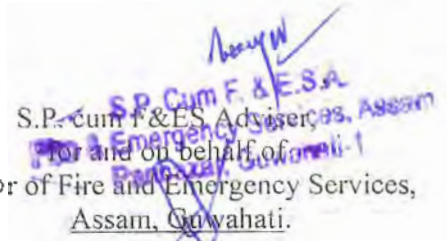
1. The Deputy Commissioner, **Kamrup (M)**, Assam for information.
2. The Commissioner of Police, **Kamrup (M)**, Assam for information.
3. The Commissioner/ Chairman, **G.M.C. Guwahati**, Assam for information.
4. The Sr. Station Officer, **Guwahati F&ES Station**, for information and necessary action.

S.P. cum F&ES Adviser,
for and on behalf of
Director of Fire and Emergency Services,
Assam, Guwahati.

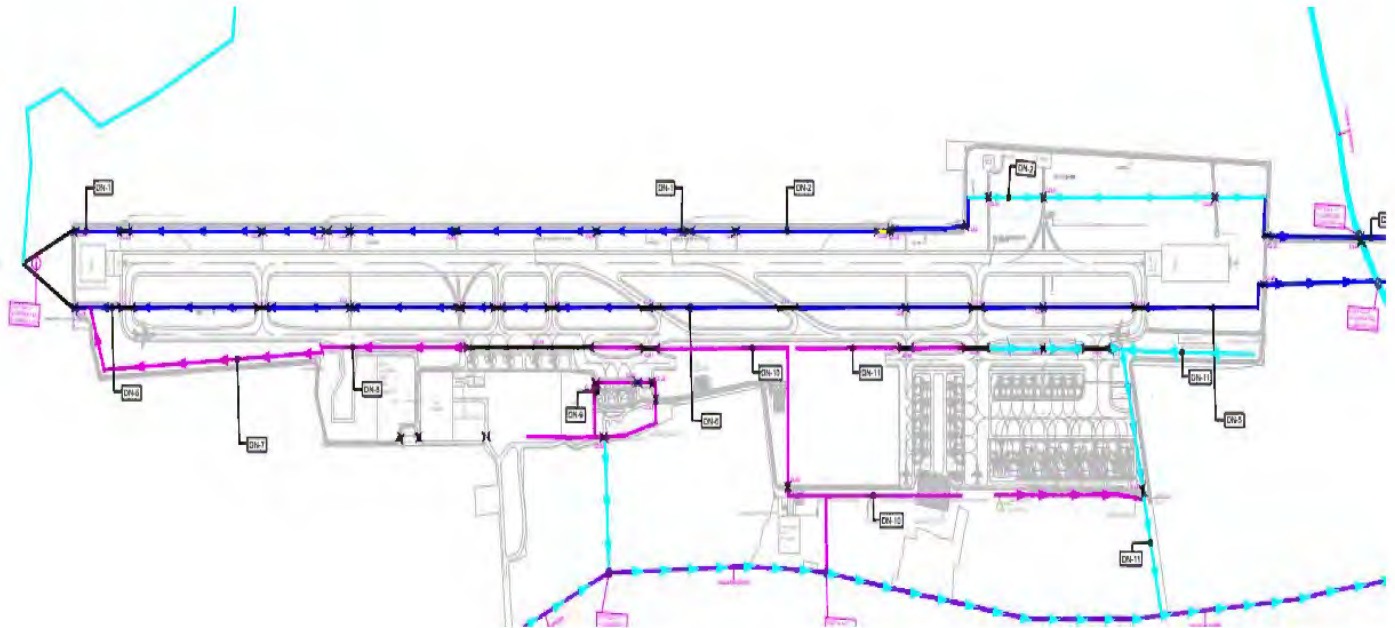
Contd..P/2

CONDITIONS:-

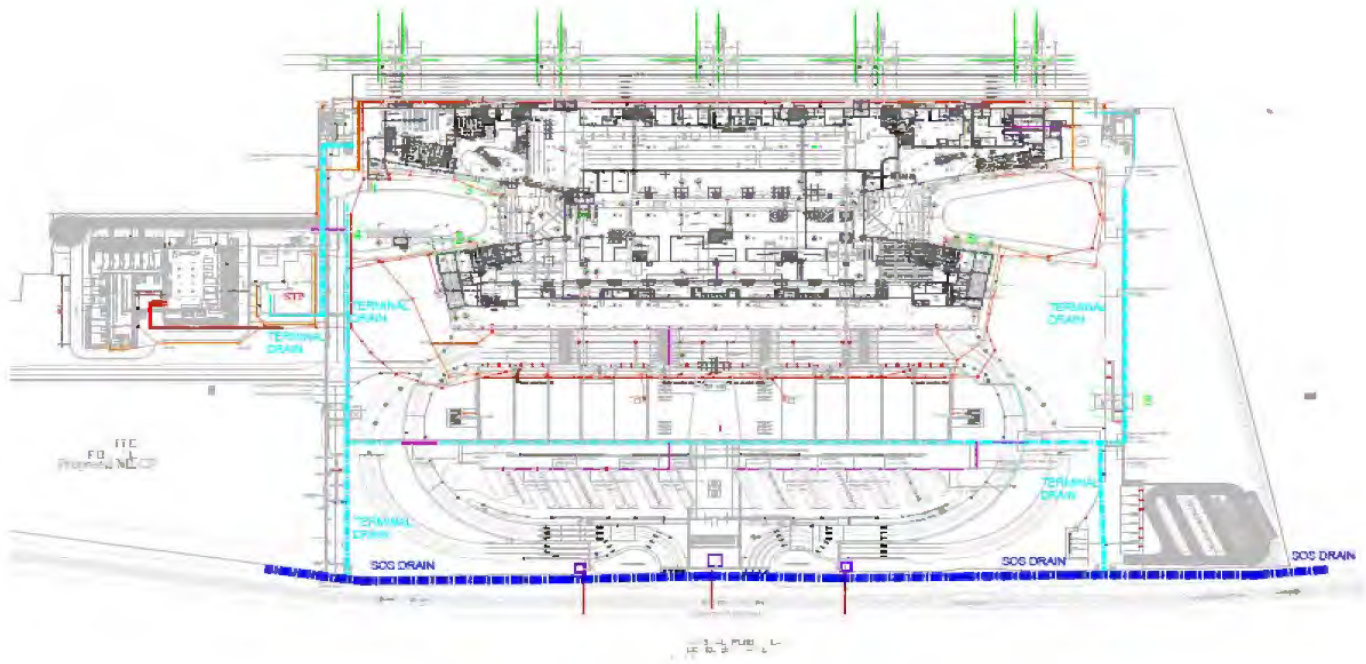
1. The N.O.C. is valid up to: - **31.03.2023**
2. There should not be any change of Trade for which this License has been issued.
3. There should not be any structural change in the building either horizontally or vertically.
There should not also be any change in the existing arrangements.
4. The Fire Fighting equipments should be in serviceable condition at all time.
5. Water reservoir should always be kept full up to brim.
6. The entrance and exit and the water reservoir should always be free from any obstruction/
projection.
7. **The N.O.C. is liable to be cancelled if the premises (for which the N.O.C. is granted) when inspected are not found conforming to the description and condition under which this N.O.C. is granted.**


S.P. cum F & E.S.O.
for and on behalf of
Director of Fire and Emergency Services,
Assam, Guwahati.

Proposed LGBI Airport Drainage Master Plan



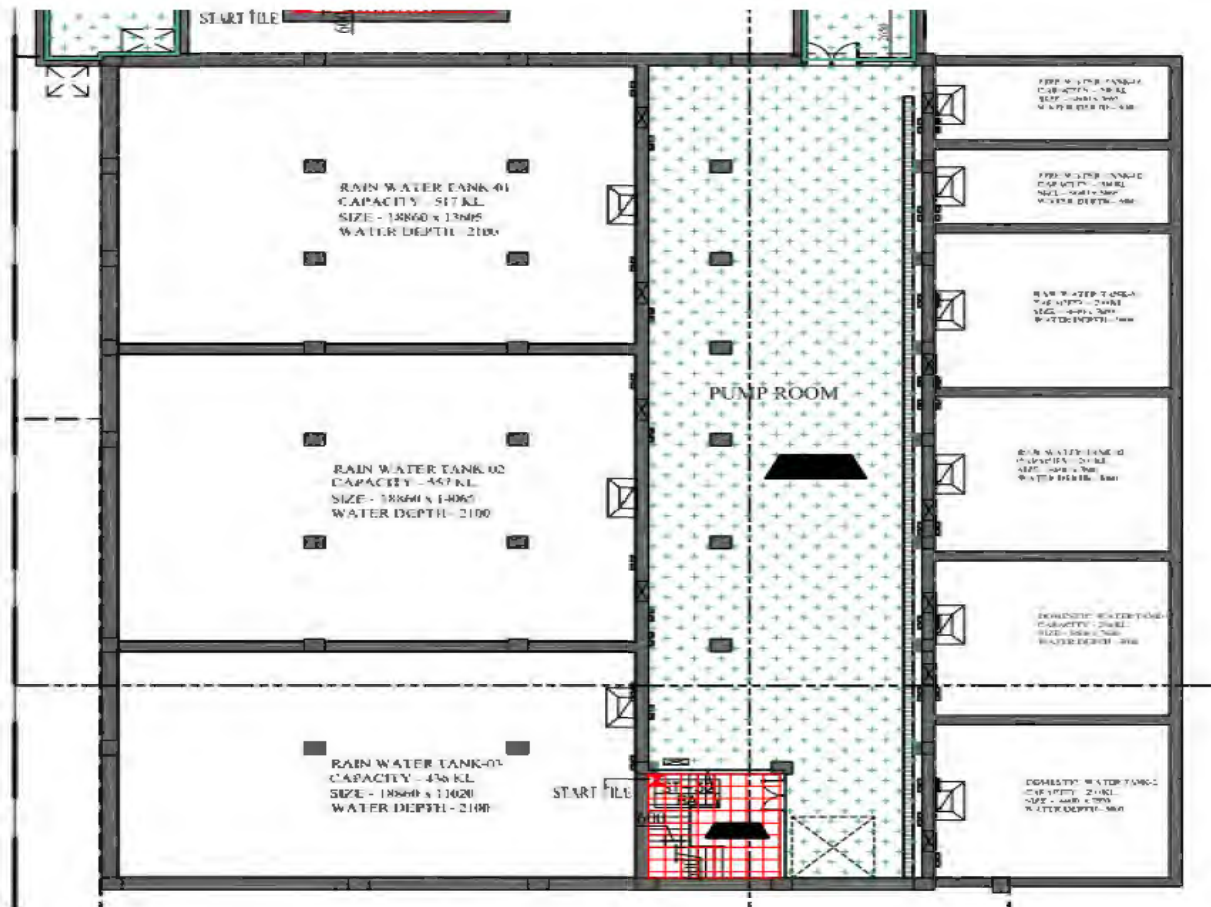
Proposed Layout of Storm Water Drainage & Sewer Network plan at NITB



Rain Water harvesting Capacity 1500 KL. (approx.)

Rain Water Tank Dimension (Constructed at site) :-

- Rain Water Tank -01 : 18.86 x 13.60 m
- Rain Water Tank -02 : 18.86 x 14.06 m
- Rain Water Tank -03 : 18.86 x 11.02 m



Sedimentation tank & closed drain to avoid contamination at NITB project site





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

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)

NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:	Guwahati Airport Integrated Terminal Building		
Project Address:	Shapoorji Pallonji And Company Private Limited, Oppo Krian Shree Grand Hotel, Sos Village Road		
Village:	Mairapur	Block:	Rani
District:	Kamrup	State:	Assam
Pin Code:			
Communication Address:	Shapoorji Pallonji And Company Private Limited, Opo Kiran Shree Grand Hotel, Sos Village Road, Rani, Kamrup, Assam - 781015		
Address of CGWB Regional Office :	Central Ground Water Board North Eastern Region, Betkuchi, Opposite Isbt., Nh-37, Guwahati., Kamrup Metro, Assam - 781005		

1. NOC No.:		CGWA/NOC/INF/ORIG/2022/15292											
2. Application No.:		21-4/1688/AS/INF/2022				3. Category:		Safe					
						(GWRE 2020)							
4. Project Status:		New Project				5. NOC Type:		New					
6. Valid from:		26/04/2022				7. Valid up to:		25/04/2027					
8. Ground Water Abstraction Permitted:													
Fresh Water			Saline Water			Dewatering		Total					
m ³ /day		m ³ /year	m ³ /day		m ³ /year	m ³ /day		m ³ /year	m ³ /year				
80.00		29200.00											
9. Details of ground water abstraction /Dewatering structures													
Total Existing No.:4						Total Proposed No.:0							
		DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu
Abstraction Structure*		0	0	4	0	0	0	0	0	0	0	0	0
*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit;MPu-Mine Pumps													
10. Ground Water Abstraction/Restoration Charges paid (Rs.):								29200.00					
11. Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism.						No. of Piezometers		Monitoring Mechanism					
								Manual		DWLR**		DWLR With Telemetry	
**DWLR - Digital Water Level Recorder						1		0		1		0	

(Compliance Conditions given overleaf)

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

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011

Phone: (011) 23383561 Fax: 23382051, 23386743

Website: cgwa-noc.gov.in

पानी बचाये - जीवन बचाये
SAVE WATER - SAVE LIFE

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

Mandatory conditions:

- 1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.
- 2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.
- 3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.
- 4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells / dug wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.
- 5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.
- 6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt. approved/ NABL accredited lab.
- 7) The firm shall report compliance of the NOC conditions online in the website (www.cgwa-noc.gov.in) within one year from the date of issue of this NOC.
- 8) Industries abstracting ground water in excess of 100 m³/d shall undertake annual water audit through certified auditors and submit audit reports within three months of completion of the same to CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.
- 9) Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act, 1986.
- 10) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/discharge of effluents or any such matter as applicable.

General conditions:

- 11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).
- 12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).
- 13) Proponents shall install roof top rain water harvesting in the premise as per the existing building bye laws in the premise.
- 14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises failing which the firm shall be responsible for any consequences arising thereupon.
- 15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.
- 16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water.
- 17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.
- 18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.
- 19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.
- 20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.
- 21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.
- 22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 60 days of taking over possession of the premises.
- 23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.
- 24) Proponents, who have installed/constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures.
- 25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution as per Annexure III of the guidelines.
- 26) In case of new infrastructure projects having ground water abstraction of more than 20 m³/day, the firm/entity shall ensure implementation of dual water supply system in the projects.
- 27) In case of infrastructure projects, paved/parking area must be covered with interlocking/perforated tiles or other suitable measures to ensure groundwater infiltration/harvesting.
- 28) In case of coal and other base metal mining projects, the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water.
- 29) The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing which penalty/EC/cancellation of NOC shall be imposed as the case may be.
- 30) This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable).

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

DG Set with Acoustic Enclosure

