

Kriti Jain

From: Azharuddin Kazi
Sent: 28 May 2021 15:46
To: rocz.lko-mef@nic.in
Cc: 'mefcc.ia3@gmail.com'; 'monitoring-ec@nic.in'; ms@uppcb.in; rocz.lko-mef@nic.in; cpcb.lucknow@gmail.com; Suresh Chandra Hota; Shalin Shah; Sunil Parate; Shravan Kumar; Kriti Jain
Subject: EC Compliance Reports Submission_Adani Lucknow International Airport Ltd (ALIAL)- T2&T3 (Oct'20 to Mar'21)
Attachments: Half yearly compliance report for Env. Clearance for T2-T3-ALIAL.pdf

Dear Sirs

Chaudhary Charan Singh International (CCSI) Airport, Lucknow has been granted Environmental Clearances for "Construction of Terminal Building" & "Construction of new Integrated terminal building and allied facilities" Lucknow, Uttar Pradesh vide MoEF&CC letter dtd **23rd May 2012 & 26th Sept 2018** respectively.

The Concession Agreement for Operation, Maintenance, Management & Development of Chaudhary Charan Singh International Airport, Lucknow between Airports Authority of India (AAI) and Adani Lucknow International Airport Limited (ALIAL) was signed on 14th February 2020. As per the above said Concession Agreement, with effect from the Commercial Operation Date (COD) i.e. 2nd November 2020, ALIAL is responsible to comply with all the applicable conditions, as stipulated under the issued Environmental Clearances. Under the purview of EIA notification 2006, ALIAL has already submitted its application/letter for consideration of name change from AAI to ALIAL.

In view of above, ALIAL is herewith submitting the **compliance report** for the above said Environment Clearances for the period of **October-2020 to March-2021**.

Kindly consider above submission and acknowledge.

Thanks & Regards

Azhar Kazi

Senior Manager-Environment

Adani Ahmedabad International Airport Ltd.

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8th Floor, Adani Corporate House, Shantigram, Near Vaishnodevi Circle, S.G Highway, Ahmedabad – 382421, Gujarat, India



ALIAL/CAO/20-21/

Date: 27.05.2021

To

Additional Principal Chief Conservator of Forests (C)
Ministry of Environment, Forest and Climate Change (CZ),
Kendriya Bhawan,
5th Floor, Sector "H" Aliganj Lucknow -226020
Email - roc.z.lko-mef@nic.in

Sub : Half yearly Compliance report for Environment Clearance for "Chaudhary Charan Singh International Airport", Lucknow.

Ref :

- i. Environment clearance granted to T2 Terminal vide letter dated 23rd May 2012 bearing MoEF letter F. No. 10-18/2007-IA.III.
- ii. Request for consideration of Name change in existing Environment Clearance for Terminal-2 at Chaudhary Charan Singh International Airport Lucknow from Airports Authority of India (AAI) to Adani Lucknow International Airport Limited (ALIAL) submitted vide email dtd. 24th May 2021.
- iii. Environment clearance granted for "Construction of new Integrated terminal building and allied facilities" at Guraura, Aurangabad Zagir and Bhaktikhera Villages, Lucknow vide letter dated 26th Sept 2018 bearing MoEF letter No. F. No. 10-47/2017-IA.III.
- iv. Application for EC transfer for "Construction of new Integrated terminal building and allied facilities" at Guraura, Aurangabad Zagir and Bhaktikhera Villages, District Lucknow, Uttar Pradesh from Airports Authority of India (AAI) to Adani Lucknow International Airport Limited (ALIAL) submitted vide letter dtd. 2nd April 2021.

Dear Sir,

Chaudhary Charan Singh International (CCSI) Airport, Lucknow has been granted Environmental Clearances for "Construction of Terminal Building" & "Construction of new Integrated terminal building and allied facilities" Lucknow, Uttar Pradesh vide MoEF&CC letter dtd 23rd May 2012 & 26th Sept 2018 respectively.

The Concession Agreement for Operation, Maintenance, Management & Development of Chaudhary Charan Singh International Airport, Lucknow between Airports Authority of India (AAI) and Adani Lucknow International Airport Limited (ALIAL) was signed on 14th February 2020. As per the above said Concession Agreement, with effect from the Commercial Operation Date (COD) i.e. 2nd November 2020, ALIAL is responsible to comply with all the applicable conditions, as stipulated under the issued Environmental Clearances. Under the purview of EIA notification 2006, ALIAL has already submitted its application/letter for consideration of name change from AAI to ALIAL.



In view of above, ALIAL is submitting the compliance report for the above said Environment Clearances for the period of October-2020 to March-2021 through soft copy (e-mail communication).

Kindly consider above submission and acknowledge.

Thank you,

Yours Sincerely,

For, M/s Adani Lucknow International Airport Limited

Suresh Chandra Hota
Chief Airport Officer


Encl: As above

Copy to:

- 1) The Director (IA Division), Ministry of Environment, Forests & Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003
- 2) Regional Director, CPCB, First Floor, PIC-UP Building , Vibhuti Khand, Gomtinagar, Lucknow, Uttar Pradesh, India, 226010
- 3) Member Secretary, UPPCB – Building.No. TC-12V Vibhuti Khand, Gomti Nagar Lucknow-226 010
- 4) Regional Officer, Regional Office Lucknow - Picup Bhawan B-Block, 4th Floor, Vibhuti Khand, Gomti Nagar, Lucknow-226010.
- 5) Airport Authority of India.

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**Compliance Report of
Environmental Clearance
dtd. 26th Sept 2018
For Terminal-3**

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Chaudhary Charan Singh (CCS) Airport, Lucknow has been granted Environmental Clearance vide letter no. 10-47/2017-IA-III, dated 26th Sept 2018 for "Construction of new Integrated terminal building and allied facilities", Lucknow, Uttar Pradesh.

The Concession Agreement for Operation, Maintenance, Management & Development of Chaudhary Charan Singh (CCS) International Airport, Lucknow between Airports Authority of India (AAI) and Adani Lucknow International Airport Limited (ALIAL) was signed on 14th February 2020. As per the above said Concession Agreement, with effect from the Commercial Operation Date (COD) i.e. 2nd November 2020, ALIAL is responsible to comply with all the applicable conditions, as stipulated under the issued Environmental Clearance for Construction of new Integrated terminal building and allied facilities, by Ministry of Environment Forest & Climate Change, New Delhi (MoEF&CC) vide dtd. 26th September 2018.

Under the purview of EIA Notification, 2006, amended till date, paragraph 11, ALIAL has already submitted its online application for transfer of above said Environment Clearance in favor of Adani Lucknow International Airport Limited (ALIAL) from Airport Authority of India (AAI), vide dtd. 2nd April 2021. Copy attached as **Annexure 7**.

The existing Lucknow Airport is spread over an area of 1261.18 acres/ 510.38 ha of land and a total of 90 acres/ 36.42 ha of this land will be utilized for the modernization project.

As a part of this clearance, It is proposed to construct a new Terminal building T3 (after dismantling Terminal-1), Multi-level car parking, Four lane vehicular road from terminal building/car parking, sewage treatment plant of 1950 KLD capacity, AC Plant Room, 33 KV Electrical substation, Static tank and pump room and other allied facilities to support the existing and proposed Terminals. Construction inline to the T3 Environment Clearance is under progress.

The present compliance report is being submitted by ALIAL for the period Nov 2020 (COD) – March 2021, for the compliance period Oct 2020 – Mar 2021



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**Half yearly Compliance report for Environment Clearance for the project
"Construction of new Integrated terminal building and allied facilities "by Adani
Lucknow International Airport Ltd (ALIAL)**

Sr. No.	Conditions	Compliance Status as on 31 st March 2021
A. Specific Conditions		
1.	As proposed, Environmental Clearance is for Expansion of Lucknow Airport in respect of construction of new integrated terminal building and allied facilities at Guraura, Aurangabad Zagir and Bhaktikhera Villages, Lucknow District, Lucknow (U.P.) by M/s Lucknow Airport.	Noted The Environmental Clearance is for Expansion of Lucknow Airport in respect of construction of new integrated terminal building and allied facilities at Guraura, Aurangabad Zagir and Bhaktikhera Villages, Lucknow District, Lucknow (U.P.) by M/s Lucknow Airport for which Environmental Clearance has been granted vide file reference number 10-47/2017-IA-III dated 26-Sept-2018.
2.	Clearance from Directorate General of Civil Aviation (DGCA) and Airports Authority of India (AAI) for safety and project facilities shall be obtained.	Complied Aerodrome license for Lucknow Airport, issued by DGCA attached as Annexure 8 . Letter has been submitted on 9 th Feb 2021, for name change transfer to ALIAL
3.	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.	Being Complied Consent to Establish for construction of new integrated terminal building and allied facilities has been obtained vide letter dated 1-Feb-2019 bearing reference number 36083/UPPCB/Lucknow(UPPCBRO)/CTE /LUCKNOW/2018. Copy of CtE is attached as Annexure 9
4	The Construction site should be adequately barricaded before the construction begins.	Being Complied Adequate barricade arrangements have been done to keep the site isolated from



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		<p>surroundings. Photograph showing barricades are attached as Annexure 10</p>
5.	<p>Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities shall be complied with.</p>	<p>Being Complied</p> <p>Compliance to the applicable points of MoEF&CC GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities, is attached as Annexure 11</p>
6	<p>No diversion of natural drainage shall be done without prior permission from irrigation department.</p>	<p>Complied</p> <p>The project site does not have exposure to natural drainage. Hence no diversion is envisaged.</p>
7	<p>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.</p>	<p>Being Complied</p> <p>ALIAL is ensuring the compliance to the applicable points of MoEF&CC GSR 94(E) dated 25.01.2018, as stated under condition no 5.</p> <p>Fugitive dust emission due to transport movement is controlled by sprinkling of water at the site. Water is sprinkled in stockpiling activities like soil to keep it wet and control emission.</p> <p>Dust emissions at site are minimized by wheel washing, damping down and employing the use of covered vehicles for transportation of construction.</p> <p>Photographs showing Construction related Environment Management practices area attached as Annexure 10</p>
8	<p>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.</p>	<p>Being Complied</p> <p>All the vehicles delivering materials to the site are covered using impervious sheet to avoid spillage of material/dust.</p>



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		Photographs showing Construction related Environment Management practices area attached as Annexure 10
9	The excavation working area should be sprayed with water after operation so as to maintain the entire surface wet.	Being Complied Regular Water sprinkling is done to minimize the dust emission from the excavation, levelling, transportation and stockpiling activities. Photographs showing Construction related Environment Management practices area attached as Annexure 10
10	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.	Being Complied Top soil is preserved and will be used for Green Belt development post construction phase. Stock piles are properly designed at site to ensure that there is not sedimentation runoff. A sediment trap has been provided to prevent the discharge of suspended solids. Photographs showing Construction related Environment Management practices area attached as Annexure 10
11	A detailed drainage plan for rain water shall be drawn up and implemented.	Being Complied The detailed Rainwater harvesting plan has been designed and same shall be done when appropriate stage is reached. The rainwater system consists of pipe drain, catch basins and seepage pits at regular intervals for rain water harvesting and ground water recharging. A total of 32 infiltration wells of cylindrical shape with dimension of 4.5 m dia and 4.5 m effective depth are planned for the project site. The detailed rain water harvesting plan has been prepared with the rain water



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		harvesting potential up to 114 ML/Year, which will be implemented at development phase.
12	A drainage plan shall be drawn up and implemented to avoid flooding in low lying areas within the boundaries of the airport. The development of a water body within the premises or draining rain water to existing ponds outside the premises shall be examined to the satisfaction of the Central Ground Water Authority.	Being Complied ALIAL is committed to take up the matter with State Government to resolve the city side drainage problems. However as part of proposed expansion, storm water management plan will be developed inline to maximum rainfall and same will be implemented. Proper storm water management shall be done to ensure that no water logging takes place. Moreover rain water harvesting plan shall be implemented.
13	Natural drains within the project boundaries shall not be diverted or blocked or altered in any way. Wherever storm water drains are proposed to be connected to natural drains the same shall be only undertaken after permission from the irrigation department.	Noted for compliance Natural drains have not been observed within the project boundaries. Storm water drains if proposed to be connected to natural drains shall be undertaken after proper permission from the concerned department
14	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.	Complied NOC to Abstract Ground Water (1380 m3/day) has been obtained vide dtd 5 th Sept. 2019 Copy of the same is attached as Annexure 5
15	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.	Complied Construction specific Environment Management Plan has been deployed at site Adequate Noise control Measures has been implemented like <ul style="list-style-type: none"> • The construction and transportation activities are



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		<p>restricted to daytime operation only.</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. • Regular Ambient Noise monitoring is being carried out near construction site and from the results, it is inferred that both day & night results are below Standards. <p>Copy of Noise Monitoring near construction site carried out for the period (Nov 2020 – Mar 2021) is attached as Annexure 12</p>
16	Where construction activity is likely to cause noise nuisance to nearby residents, restrict operation hours between 7 am to 6 pm.	<p>Complied</p> <p>Same as point no 15</p>
17	Solid inert waste found on construction sites consists of building rubble, demolition material, concrete; bricks, timber, plastic, glass, metals, bitumen etc shall be recycled/reused or disposed off as per Solid Waste Management Rules, 2016 and Construction and Demolition Waste Management Rules, 2016.	<p>Being Complied</p> <p>Solid waste generated at construction sites are being handled inline to Solid waste management Rules 2016, (handed over to authorized recyclers). All Construction and Demolition Waste, generated at site are used for filling of low lying areas as per Construction and Demolition Waste Management Rules, 2016</p> <p>Photographs showing Construction related Environment Management practices area attached as Annexure 10</p>
18	Diesel power generating sets proposed as source of backup power for elevators and common area	<p>Noted for Compliance.</p>

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	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.	Presently Project is under Construction phase inline to this issued Environment Clearance. However all the D. G sets used under construction phase are in compliance to EPA Rules 1986.
19	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.	Noted for Compliance. Presently the project is under Construction phase. However during operation phase, Spillage control plan shall be developed and implemented.
20	Proper drainage systems, emergency containment in the event of a major spill during monsoon season etc shall be provided.	Noted for Compliance. Spillage control plan shall be developed and implemented. Secondary containment due to runoffs from fuel, oil and other material storage areas will not be mixed with the storm water lines and will be collected and treated before discharges.
21	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.	Noted for Compliance. Spillage control plan shall be developed and implemented. Secondary containment due to runoffs from fuel, oil and other material storage areas will not be mixed with the storm water lines and will be collected and treated before discharges
22	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.	Being Complied Same as condition no 12
23	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	Being Complied Same as condition no 11



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	remove suspended matter, oil and grease.	
24	Total water requirement from ground water shall not exceed 1245 KLD. Groundwater shall only be extracted with prior permission from CGWA.	Being Complied Same as condition no 14
25	Sewage Treatment Plant of 1950 KLD capacity based on MBBR Technology shall be provided to treat the wastewater generated from airport. Treated water will be reused for flushing, landscaping and HVAC cooling. As proposed the Airport will operate on zero liquid discharge principle.	Being complied Sewage Treatment Plant of 1950 KLD capacity based on MBBR Technology is being constructed at site in 3 number modules of capacity 650 KLD. Treated water will be reused for flushing, landscaping and HVAC cooling. As proposed the Airport will operate on zero liquid discharge principle. STP process and design drawing is attached as Annexure 13
26	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.	Noted for Compliance Presently as part of Construction phase, the solid wastes generated is segregated and handled as per the norms of the Solid Waste Management Rules, 2016. The solid waste is collected and disposed by the agency Same will be extended during operation phase. Construction Waste management Plan is attached as Annexure 14
27	Continuous online air monitoring system shall be in place for expansion project.	Noted for Compliance. Presently the project is under Construction phase. However, Continuous online air monitoring system shall be installed during operational Phase.



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28	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.	<p>Noted for Compliance.</p> <p>Presently the project is under Construction phase.</p> <p>However all the DG sets, used for construction phase, are provided with enclosures.</p> <p>Photographs showing Construction related Environment Management practices area attached as Annexure 10</p>
29	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.	<p>Noted for Compliance.</p> <p>Presently the project is under Construction phase.</p>
30	An automatic ambient air quality monitoring station shall be provided, within the premises, to the satisfaction of the State Pollution Control Board and the data transferred to the Board.	<p>Noted for Compliance.</p> <p>Presently the project is under Construction phase.</p>
31	It shall be ensured that no part of the project causes any infringement on the rights of people dwelling in the surrounding areas.	<p>Noted and complied</p>
32	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. The number of vehicles allowed in the area shall in no case exceed the parking facilities provided. The number of vehicles on roads within the premises shall not in any case exceed the numbers prescribed for	<p>Noted for Compliance</p> <p>The Airport has proposed separate entry and exit paths for traffic management.</p> <p>Development of four-lane vehicular road from Terminal Building/ Car parking with canopy covering two lanes in front of the Terminal Building on the city side and connecting the main approach road to the city</p>


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	<p>class 'A' level of service by the Ministry of Road Transport.</p>	<p>Construction of multilevel car parking for at least 1500 cars and surface parking for VIP cars & 10 buses, separate car/scooter park area for airlines staff</p> <p>Traffic management plan will be implemented in discussion with the local administration.</p>
<p>33</p>	<p>Traffic Management Study and Mitigation measures as given in the EIA Report shall be implemented in letter and spirit. Apart, the project proponents will examine the current augmentation of road infrastructure and prepare and implement a traffic management plan to the satisfaction of the competent authority for decongesting the approach to the Airport.</p>	<p>Noted for compliance</p> <p>Traffic management plan will be implemented in discussion with the local administration.</p>
<p>34</p>	<p>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.</p>	<p>Noted for compliance</p> <p>CFL are not used as the need of the project required substantial quantum of LUX. So halogens are used to cover the darkness of the big spread area, so as to maintain the required LUX levels.</p> <p>However, post construction and commencement phase, a proper energy audit shall be done to implement LED/CFLs/TFLs for the lighting the areas outside the building and its disposal shall be done as per prevailing guidelines/ rules.</p> <p>Further, it is planned to adopt various energy efficiency alternatives measures, which will ensure about 30% energy saved. . The energy conservation measures include use of LED, solar energy based lighting system in the landscape area and water heating, occupancy sensors & day light harvesting. The expected energy savings</p>



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		through the above measures shall be to the tune of about 30%. Self-reflective glass will be used in the proposed project. These glass panes will have high light transmission, but low solar heat inflow. This will reduce the quantity of heat flowing into the buildings, lesser cooling load on air-conditioners and induces energy saving.
35	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.	Noted for compliance Onsite disaster management plan has been made and widely circulated / displayed on the construction site area. Similarly for operation phase, it will be developed, integrated with present operation and dovetailed with onsite management plan for the district.
36	As proposed, no tree shall be felled/transplant. The landscape planning should include plantation of native species. The plantation species should be carefully chosen to avoid bird nesting and to improve pollution control and noise control measures. Water intensive and/or invasive species should not be used for landscaping. As proposed, 23.42 Ha area shall be provided for landscaping and green belt development.	Noted for Compliance Greenbelt shall be developed post construction phase over an proposed area of 23.42 ha. as per the plantation plan provisioned in the Final EIA report.
37	It shall be ensured that all open spaces in the project boundary are totally greened/ or tiled by perforated tiles to bind soil and ensure that dust emissions are minimized. This should, apart from other measures, form an integral part of the plan which you will draw up and implement for control of particulate dust pollution.	Noted for Compliance Effective dust control plan/ measures is being implemented for construction phase. At the time of project development, available open spaces in the project boundary will be either landscaped (inline to greenbelt plan) or will be laid with perforated tiles to avoid dust emissions.



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38	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.	Noted for Compliance CSR works will be planned in consultation with local district administration inline to Company's Act 2013.
39	The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.	Noted for Compliance CSR works will be planned in consultation with local district administration inline to Company's Act 2013.
40	As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 1 st May 2018, and proposed by the project proponent, an amount of Rs. 3.46 Crores (@0.25% of project Cost) shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as infrastructure creation for drinking water supply, sanitation, health, education, electrification including solar power, rain water harvesting, soil moisture conservation works, avenue plantation, plantation in community land. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.	Noted for Compliance CER funds will be allocated based on the year's financial budget, and accordingly CER activities will be planned and implemented in consultation with local administration.



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B. GENERAL CONDITIONS		
1	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.	Not applicable
2	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.	Noted for compliance Presently the project is under construction phase. The funds for environmental protection measures shall be kept posted in a separate account head and year wise expenditure and utilization report shall be furnished in the next phase of compliance.
3	Officials from the Regional Office of MoEF&CC, Lucknow 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, Lucknow.	Noted for compliance Officials from the Regional Office of MoEF&CC, Lucknow shall be given full cooperation, facilities and documents/data by the project proponents during their inspection.
4	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.	Noted for compliance Any change in scope shall be planned and properly reported /subsequent approvals will be taken, if applicable, as per the applicable regulations prior startup of any additional scope of operations.



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5	<p>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.</p>	<p>Noted for compliance</p> <p>All the stipulated Terms & Conditions of EC will be complied with to avoid such situations.</p> <p>Environmental Safeguards, as proposed in the Environment management plan will be properly implemented.</p>
6	<p>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.</p>	<p>Being Complied</p> <p>The requirement of running fuel is less than 2500 ltrs (in storage). So the CCOE approval not required.</p> <p>Provisional Fire N.O.C. is attached as Annexure 15</p> <p>Other approvals as required during operational phase will be taken from the concerned authorities.</p>
7	<p>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.</p>	<p>Noted for compliance</p>
8	<p>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</p>	<p>Noted & Complied</p> <p>Copy of EC is seen on MoEF&CC website</p> <p>http://environmentclearance.nic.in/onlinesearchnewrk.aspx?autoid=10992&proposal_no=IA/UP/MIS/65954/2017&typep=EC</p>

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	<p>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 Lucknow.</p>	
9	<p>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.</p>	<p>Not applicable</p>
10	<p>A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/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>	<p>Noted & Complied</p> <p>Copy of EC is seen on MoEF&CC website http://environmentclearance.nic.in/onlineSearchnewrk.aspx?autoid=10992&proposal_no=IA/UP/MIS/65954/2017&typep=EC</p>
11	<p>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.</p>	<p>Noted for Compliance</p> <p>The Commercial Operation Date (COD) for ALIAL has started from 2nd Nov 2020. This is the first compliance report prepared by ALIAL. Same will be uploaded on Adani Airport website, once it is developed and functional.</p> <p>Environment display boards shall be displayed at appropriate place for information / awareness of public</p>



	Adani Lucknow International Airport Limited (ALIAL)	From : Oct'20 To : Mar'21
Status of the conditions stipulated in Environment Clearance		

12	<p>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.</p>	<p>Noted for compliance</p> <p>The Commercial Operation Date (COD) for ALIAL has started from 2nd Nov 2020.</p> <p>Environment statement for the existing operations (T2) will be prepared for the FY 2020-21 and will be submitted to all the regulatory authorities before 30th Sept 2021.</p>


 Sunil Parate
 Head of Engineering/Project
 Adani Lucknow International Airport Limited

For Adani Lucknow International Airport Ltd.


 Suresh Chandra Hota
 Chief Airport Officer

	Adani Lucknow International Airport Limited (ALIAL)	From : Oct'20 To : Mar'21
Status of the conditions stipulated in Environment Clearance		

**Compliance Report of
Environmental Clearance
dtd. 23rd May 2012
For Terminal-2**


Ravi Parashar

	Adani Lucknow International Airport Limited (ALIAL)	From : Oct'20 To : Mar'21
Status of the conditions stipulated in Environment Clearance		

Chaudhary Charan Singh International (CCSI) Airport , Lucknow has been granted Environmental Clearance for "Construction of Terminal Building", Lucknow, Uttar Pradesh vide letter no. 10-18/2007-IA.III, dated 23rd May 2012

The Concession Agreement for Operation, Maintenance, Management & Development of Chaudhary Charan Singh International Airport, Lucknow between Airports Authority of India (AAI) and Adani Lucknow International Airport Limited (ALIAL) was signed on 14th February 2020. As per the above said Concession Agreement, with effect from the Commercial Operation Date (COD) i.e. 2nd November 2020, ALIAL is responsible to comply with all the applicable conditions, as stipulated under the issued Environmental Clearance for New Terminal Building i.e. Terminal-2, and its allied facilities of CCSI Airport issued by Ministry of Environment Forest & Climate Change, New Delhi (MoEF&CC) vide dtd. 23rd May 2012.

ALIAL has submitted a letter to all the concerned regulatory authorities vide email dtd 24th May 2021 for consideration of Name change of the existing Environment Clearance for "Construction of Terminal Building" from Airports Authority of India (AAI) to Adani Lucknow International Airport Limited (ALIAL). Copy attached as **Annexure -1**

As a part of the Environment clearance dtd. 23rd May 2012, Terminal 2 along with the associated facilities (including Parking area) have been developed and are under operation. T1 terminal and its associated groundside/airside operational facilities were considered prior to this Environment Clearance.

The present compliance report is being submitted by ALIAL for the period Nov 2020 (COD) – March 2021, for the compliance period Oct 2020 – Mar 2021



	Adani Lucknow International Airport Limited (ALIAL)	From : Oct'20 To : Mar'21
Status of the conditions stipulated in Environment Clearance		

**Half yearly Compliance report for Environment Clearance for the project
"Construction of Terminal Building" by Adani Lucknow International Airport Ltd
(ALIAL)**

Sr.No.	Conditions	Compliance Status as on 31 st March 2021
A. Specific Conditions		
I. Construction Phase		
i.	Consent for Establishment" shall be obtained from State Pollution Control Board under Air and Water Act and a copy shall be submitted to the Ministry before start of any construction work at the site	<p>Construction activity has already been completed and presently the project is under operation Phase, hence this condition is not applicable.</p> <p>Consent to Operate (transferred in name of ALIAL) has been obtained under Air & water Act, vide dtd. 14th May 2021. Copy of the same is attached as Annexure-2</p>
ii.	The fresh water requirement will be 347 KLD which is proposed to meet from existing two bore wells. The continuous drawal may reduce the yield. The proponent shall use the maximum quantity of treated waste water to reduce the fresh water requirement. It is also suggested to provide the rain water harvesting pits to recharge the ground water.	Construction activity has already been completed and presently the project is under operation Phase, hence this condition is not applicable.
iii.	The Noise level model has been done for the DG set only, the proponent shall carry out Noise Modelling for aircraft operation, both during landing and take-off and shall submit the details within three months to the Ministry.	<p>Construction activity has already been completed and presently the project is under operation Phase, hence this condition is not applicable.</p> <p>However as a part of Terminal 3, Environment Clearance, Noise level prediction modelling was done for day-night equivalent noise level (LDN) as recommended by CPCB for airports and as per international practices.</p>
iv.	The Entry and Exits for the nearby habitations shall be provided as demanded and	Construction activity has already been completed and presently the project is under operation Phase, hence this condition is not applicable.



	Adani Lucknow International Airport Limited (ALIAL)	From : Oct'20 To : Mar'21
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	committed in the public hearing.	
v.	Necessary architectural features of historical buildings located in and around Lucknow shall be incorporated in the design/interiors of the building.	Construction activity has already been completed and presently the project is under operation Phase, hence this condition is not applicable. AAI has already considered architectural features of historical buildings of Lucknow in the interior design of terminal building.
vi.	All the recommendation of the EMP shall be complied with letter and spirit. All the mitigation measures submitted in the EIA report shall be submitted to MoEF prepared in a matrix format and the compliance for each mitigation plan shall be submitted to MoEF along with half yearly compliance report to Regional Office of MoEF.	Construction activity has already been completed and presently the project is under operation Phase, hence this condition is not applicable.
vii.	The solid waste shall be properly collected, segregated and disposed as per the provision of Solid Waste. (Management and Handling) Rules, 2000.	Construction activity has already been completed and presently the project is under operation Phase, hence this condition is not applicable.
viii.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical- health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Construction activity has already been completed and presently the project is under operation Phase, hence this condition is not applicable.
ix.	A First Aid Room will be provided in the project both during construction and operation of the project.	Construction activity has already been completed and presently the project is under operation Phase, hence this condition is not applicable.



	Adani Lucknow International Airport Limited (ALIAL)	From : Oct'20 To : Mar'21
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x.	All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.	Construction activity has already been completed and presently the project is under operation Phase, hence this condition is not applicable.
xi.	Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	Construction activity has already been completed and presently the project is under operation Phase, hence this condition is not applicable.
xii.	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	Construction activity has already been completed and presently the project is under operation Phase, hence this condition is not applicable.
xiii.	Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water.	Construction activity has already been completed and presently the project is under operation Phase, hence this condition is not applicable.
xiv.	Installation and operation of DG set shall comply with the guidelines of CPCB.	Construction activity has already been completed and presently the project is under operation Phase, hence this condition is not applicable.
xv.	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environment (Protection) Rules prescribed	Construction activity has already been completed and presently the project is under operation Phase, hence this condition is not applicable.



	Adani Lucknow International Airport Limited (ALIAL)	From : Oct'20 To : Mar'21
Status of the conditions stipulated in Environment Clearance		

	for air and noise emission standards.	
xvi.	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosives shall be taken.	Construction activity has already been completed and presently the project is under operation Phase, hence this condition is not applicable.
xvii.	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operate only during non-peak hours.	Construction activity has already been completed and presently the project is under operation Phase, hence this condition is not applicable.
xviii.	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / UPPCB.	Construction activity has already been completed and presently the project is under operation Phase, hence this condition is not applicable.
xix.	Fly ash should be used a building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003.	Construction activity has already been completed and presently the project is under operation Phase, hence this condition is not applicable.
xx.	Ready mixed concrete must be used in building construction.	Construction activity has already been completed and presently the project is under operation Phase, hence this condition is not applicable.
xxi.	Storm water control and its re-use as per CGWB and BIS standards for various applications.	Construction activity has already been completed and presently the project is under operation Phase, hence this condition is not applicable.



	Adani Lucknow International Airport Limited (ALIAL)	From : Oct'20 To : Mar'21
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xxii.	Water demand during construction should be reduced by use of pre-mixed concrete; curing agents and other best practices referred.	Construction activity has already been completed and presently the project is under operation Phase, hence this condition is not applicable.
xxiii.	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.	Construction activity has already been completed and presently the project is under operation Phase, hence this condition is not applicable. Further, as a part of Integrated Terminal Building Construction, Water conservation consideration are being taken in to design phase and implementation.
xxiv.	Use of glass may be reduced by upto 40% to reduce the electricity consumption and load on air-conditioning. If necessary, use high quality double glass with special reflective coating in windows.	Construction activity has already been completed and presently the project is under operation Phase, hence this condition is not applicable. Further, as a part of Integrated Terminal Building Construction, ECBC consideration are being taken in to design phase and implementation.
xxv.	Roof should meet prescriptive Requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfil requirement.	Construction activity has already been completed and presently the project is under operation Phase, hence this condition is not applicable. Further, as a part of Integrated Terminal Building Construction, ECBC consideration are being taken in to design phase and implementation.
xxvi.	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code which is proposed to be mandatory for all air-conditioned spaces while it is aspirational for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfil requirement.	Construction activity has already been completed and presently the project is under operation Phase, hence this condition is not applicable. Further, as a part of Integrated Terminal Building Construction, ECBC consideration are being taken in to design phase and implementation.



Status of the conditions stipulated in Environment Clearance


xxvii.	The approval of the competent authority' shall be obtained for structural safety of the buildings due to earthquake, adequacy of fire fighting equipments, etc. as per National Building Code including protection measures from lightening etc.	Complied Fire NOC for T1 & T2 Terminal attached as Annexure -3
xxviii.	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.	Construction activity has already been completed and presently the project is under operation Phase, hence this condition is not applicable.
xxix.	Under the provisions of Environment protection) Act, 1986, legal action shall be initiated against the - project proponent if it was found that construction of the project has been started without obtaining environmental clearance.	Construction activity has already been completed and presently the project is under operation Phase, hence this condition is not applicable.
II. Operation Phase		
i.	Diesel power generating sets proposed as source of back up 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 Uttar	Complied Power source for Airport Operation is Madhyanchal vidyut vitran nigam limited However for backup and other operational requirement, 11 no. of D.G sets have been installed, inline to Environment (Protection) Act, 1986 & Consent to Operation from UPPCB received vide dtd. 14 th May 2021. LSD is being used for all the DG sets and acoustic Enclosures are provided to DG set. Photograph showing acoustic enclosure to DG set is attached as Annexure 4



	Adani Lucknow International Airport Limited (ALIAL)	From : Oct'20 To : Mar'21
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	Pradesh Pollution Control Board.	
ii.	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.	<p>Efficient Noise Control measures are being implemented inline to Environment Management Plan.</p> <p>All the equipment/machineries are maintained regularly.</p> <p>In high noise operating areas, PPEs are made available to the personal operating nearby.</p> <p>Environment Monitoring is being carried out regularly by MoEF&CC/NABL approved laboratory. All the results are observed to be within norms</p> <p>Environment Monitoring report, covering Noise Monitoring carried out during the compliance period (Oct20-Mar21) is attached as Annexure 6.</p>
iii.	The green belt of the adequate width and density preferably with local species along the periphery of the plot shall be raised so as to provide protection against particulates and noise.	<p>Complied</p> <p>Green Belt has been developed considering contextual and functional requirements, and overall environmental and landscape planning approach</p> <p>Further, as a part of Integrated Terminal Building project, Green belt will be developed considering Bird menace, height restriction and restriction in operation areas</p>
iv.	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. The borewell for: rainwater recharging should be kept at least 5mts	<p>Complied</p> <p>Rain water harvesting is being carried out Rooftop and surface roof off.</p> <p>Further, as a part of Integrated Terminal Building Construction, Water conservation consideration, w.r.t rain water harvesting, ground water recharging are being taken in to design phase and implementation.</p>



	Adani Lucknow International Airport Limited (ALIAL)	From : Oct'20 To : Mar'21
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	above the highest ground water table.	
v.	The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.	Complied NOC to Abstract Ground Water (1380 m ³ /day) has been obtained vide dtd 5 th Sept. 2019 and is attached as Annexure 5 . Environment Monitoring report, covering Ground water monitoring carried out by MoEF&CC/NABL accredited Laboratory during the compliance period (Oct20-Mar21) is attached as Annexure 6 .
vi.	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	Complied. Traffic management plan inline to present operation has already been implemented. However, as a part of T3 Environment Clearance, it is proposed to Construct multilevel car parking for at least 1500 cars and surface parking for VIP cars & 10 buses, separate car/scooter park area for airlines staff. A dedicated traffic management plan in consultation with local administration will be implemented.
vii.	Energy-conservation measures like installation of 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. Use 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. Use of solar panels may be done to the extent possible.	Complied Various energy conservation measures have been implemented at site. Inline to existing operations, Solar panels of total capacity of about 500 KW is installed. Further, as a part of Integrated Terminal Building Construction, ECBC consideration are being taken in to design phase and implementation.



	Adani Lucknow International Airport Limited (ALIAL)	From : Oct'20 To : Mar'21
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viii.	Efforts should be made to use solar energy to the maximum extent possible.	Complied Inline to existing operations, Solar panels of total capacity of about 500 KW is installed
ix.	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	Complied Adequate distance between Terminal-1 and Terminal-2 has been ensured, to allow movement of air, light and proper ventilation
B. General Conditions		
i.	In the event of any change in the project profile a fresh reference shall be made to the Ministry of Environment and Forests.	Noted for Compliance
ii.	This Ministry reserves the right to revoke this clearance, if any, of the conditions stipulated are not complied with to the satisfaction of this Ministry.	Point Noted & Agreed
iii.	This Ministry or any other competent authority may stipulate any additional conditions subsequently, if deemed necessary, for environmental protection, which shall be complied with.	Point Noted & Agreed
iv.	Full support should be extended to the officers of this Ministry's Regional Office at Lucknow and the offices of the Central and State Pollution Control Board by the project proponents during their inspection for monitoring purposes, by furnishing full details and action plans including the action taken reports in respect of mitigative measures and	Being Complied Full support is being extended to the regulatory authorities during their visit to the project site. All necessary documents are submitted as per the request of the visiting authorities.



	Adani Lucknow International Airport Limited (ALIAL)	From : Oct'20 To : Mar'21
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	other environmental protection activities.	
v.	These stipulations would be enforced among others under the provisions of 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 Municipal Solid Wastes (Management and Handling) Rules, 2000 including the amendments and rules made thereafter.	Point Noted & Agreed
vi.	All other statutory clearances such as the approvals for storage of diesel, from Chief Controller of Explosives, Fire Department and Civil Aviation Department from height point of view, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities	Complied Inline to the present operation, the requirement of running fuel is less than 2500 ltrs (in storage). So the CCOE approval not required. Fire NOC for T1 & T2 Terminal attached as Annexure -3
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,	Noted & Complied Copy of EC is seen on MoEF&CC website http://environmentclearance.nic.in/writereaddata/Form-1A/EC/05_Jul_2017_191733980YFJ59F42ECLetter.pdf



	Adani Lucknow International Airport Limited (ALIAL)	From : Oct'20 To : Mar'21
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	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 Lucknow.	
viii.	Environmental clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of 'Goa Foundation Vs. Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project.	Noted
ix.	Any appeal against this Clearance shall lie with the National Environment Appellate Authority, if preferred, within a period of 30 days as prescribed under section 11 of the National Environment Appellate Act ,1997.	Condition not applicable
x.	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/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.	Noted and Complied
xi.	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their	Point noted for compliance The Commercial Operation Date (COD) for ALIAL has started from 2 nd Nov 2020. This is the first compliance report prepared by



	Adani Lucknow International Airport Limited (ALIAL)	From : Oct'20 To : Mar'21
Status of the conditions stipulated in Environment Clearance		

	<p>website and shall update the same periodically:- It shall simultaneously be sent to the Regional Office of MoEF, 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.</p>	<p>ALIAL. Same will be uploaded on the website, once it is developed and functional.</p>
xii.	<p>The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.</p>	<p>Point noted for compliance</p> <p>The Commercial Operation Date (COD) for ALIAL has started from 2nd Nov 2020. This is the first compliance report prepared by ALIAL. Same will be submitted to respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB</p>
xiii.	<p>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 by e-mail.</p>	<p>Point noted for compliance</p> <p>The Commercial Operation Date (COD) for ALIAL has started from 2nd Nov 2020.</p> <p>Environment statement will be prepared for the FY 2020-21 and will be submitted to all the regulatory authorities before 30th Sept 2021.</p>


 Sunil Parate
 Head of Engineering/Project
 Adani Lucknow International Airport Limited

For Adani Lucknow International Airport Ltd.


 Suresh Chandra Hota
 Chief Airport Officer

LIST OF ANNEXURES

Annexure – 1	EC Name Change Letter request for T2 Terminal vide dtd 24 th May 2021
Annexure – 2	Copy of CtO vide dtd 14 th May 2021
Annexure – 3	Fire NOC for T1 & T2 Terminal
Annexure – 4	Photograph showing Acoustic Enclosures of D.G Set
Annexure – 5	CGWA NOC
Annexure – 6	Environment Monitoring Reports
Annexure – 7	EC Transfer Application for T3 Terminal vide dtd 2 nd April 2021
Annexure – 8	Aerodrome license issued by DGCA
Annexure – 9	Copy of CtE for T3 Terminal
Annexure – 10	Photograph showing Construction related Environment Management practices
Annexure – 11	Compliance to the applicable points of MoEF&CC GSR 94(E) vide dtd 25 th May 2018 for Construction and Demolition Activities
Annexure – 12	Noise Monitoring near construction site
Annexure – 13	STP Layout
Annexure – 14	Construction Waste Management Plan
Annexure – 15	Fire NOC for T3 Terminal

ANNEXURE – 1

Azharuddin Kazi

From: Azharuddin Kazi
Sent: Monday, May 24, 2021 9:32 AM
To: 'mefcc.ia3@gmail.com'; 'monitoring-ec@nic.in'; roc.z.lko-mef@nic.in
Cc: Suresh Chandra Hota; Shalin Shah; Jay Amin; Sunil Parate; Shravan Kumar; Kriti Jain; Sanjeev Munjal
Subject: Request for Name change in existing Environment Clearance for Terminal-2 at Chaudhary Charan Singh International Airport Lucknow from Airports Authority of India (AAI) to Adani Lucknow International Airport Limited (ALIAL)
Attachments: 2021.05.24_ LCK_T2 Name Change EC.pdf

Dear Sirs'

This has reference to the Concession Agreement signed & executed on 14th February 2020 for Operation, Management & Development of Chaudhary Charan Singh International Airport Lucknow between Airports Authority of India (AAI) and Adani Lucknow International Airport Limited (ALIAL).

Under the provisions of Concession Agreement, with effect from the Commercial Operation Date (COD) i.e 2nd November 2020, ALIAL is responsible to comply to all the applicable conditions, as stipulated under the issued Environmental Clearance for Terminal-2 Building of CCSI Airport Lucknow issued by Ministry of Environment Forest & Climate Change, New Delhi (MoEF&CC), vide 23rd May 2012.

In view of above, it is kindly requested to consider the change of name as Adani Lucknow International Airport Limited in place of Airport Authority of India on existing Environment Clearance and it is also pertinent to mention that w.e.f 02.11.2021, ALIAL shall be responsible to take care of all the required compliances in terms of Environment Clearance conditions.

Forwarding letter, along with copy of Concession agreement and Environment Clearance – Terminal 2 (23.05.2012) are attached for references

Regards

Azhar Kazi

Azharuddin Kazi

From: Azharuddin Kazi
Sent: Monday, May 24, 2021 9:42 AM
To: 'ms@uppcb.in'; 'rolucknow@uppcb.in'; 'cpcb.lucknow@gmail.com'
Cc: Shalin Shah; Sunil Parate; Shravan Kumar; Kriti Jain
Subject: Request for Name change in existing Environment Clearance for Terminal-2 at Chaudhary Charan Singh International Airport Lucknow from Airports Authority of India (AAI) to Adani Lucknow International Airport Limited (ALIAL)
Attachments: 2021.05.24_ LCK_T2 Name Change EC.pdf

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In view of above, it is kindly requested to consider the change of name as Adani Lucknow International Airport Limited in place of Airport Authority of India on existing Environment Clearance and it is also pertinent to mention that w.e.f 02.11.2021, ALIAL shall be responsible to take care of all the required compliances in terms of Environment Clearance conditions.

Forwarding letter, along with copy of Concession agreement and Environment Clearance – Terminal 2 (23.05.2012) are attached for references

Regards

Azhar Kazi

ANNEXURE - 2



UTTAR PRADESH POLLUTION CONTROL BOARD
Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010

Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.com, Website: www.uppcb.com

CONSENT ORDER

Ref No. - 122245/UPPCB/Lucknow(UPPCBRO)/CTO/air/LUCKNOW/2021

Dated : 14/05/2021

To ,

Shri SURESH CHANDRA HOTA
M/s ADANI LUCKNOW INTERNATIONAL AIRPORT LIMITED
First Floor Terminal 1, CCS International Airport Lucknow, Lucknow
(U.P.),LUCKNOW,226009
LUCKNOW

Sub : Consent under section 21/22 of the Air (Prevention and control of Pollution) Act, 1981 (as amended) to M/s. ADANI LUCKNOW INTERNATIONAL AIRPORT LIMITED

Reference Application No. 11474622

Dated : 14/05/2021

1. With reference to the application for consent for emission of air pollutants from the plant of M/s ADANI LUCKNOW INTERNATIONAL AIRPORT LIMITED. under Air Act 1981. It is being authorised for said emissions, as per the standards, in environment, by the Board as per enclosed conditions .
2. This consent is valid for the period from 18/02/2021 to 31/12/2025 .
3. Inspite of the conditions and provisions mentioned in this consent order UP Pollution Control Board reserves its right and powers to reconsider/amend any or all conditions under section 21 (6) of the Air (Previntion and Controt of Pollution) Act, 1981 as amended.
This consent is being issued with the permission of competent authority .

For and on behalf of U.P. Pollution Control Board

Chief Environmental Officer (CEO-5), Lucknow.

**Enclosed : As above
(condition of consent):**

Copy to: Regional Officer, ROUPPCB, Lucknow.

Chief Environmental Officer (CEO-5), Lucknow.

U.P. Pollution Control Board

Dated : 14/05/2021

CONDITIONS OF CONSENT

1. This consent is valid only for the approved production capacity of Air Port .
2. This consent is valid only for products and quantity mentioned above. Industry shall obtain prior approval before making any modification in product/ process /fuel/ plant machinery failing which consent would be deemed void.
- 3(a) The maximum rate of emission of flue gas should not be more than the emission norms for the stacks.
- 3(b) Air Pollution Source Details.

Air Pollution Source Details					
S.No	Air Polution Source	Type of Fuel	Stack No.	Parameters	Height
1	D G Set - 750 KVA	Diesel	3	Particulate Matter	As per Norms
2	D G Set - 750 KVA	Diesel	4	Particulate Matter	As per Norms
3	D G Set - 320 KVA	Diesel	5	Particulate Matter	As per Norms
4	D G Set - 320 KVA	Diesel	6	Particulate Matter	As per Norms
5	D G Set - 200 KVA	Diesel	7	Particulate Matter	As per Norms
6	D G Set - 200 KVA	Diesel	10	Particulate Matter	As per Norms
7	D G Set - 750 KVA	Diesel	1	Particulate Matter	As per Norms
8	D G Set - 200 KVA	Diesel	9	Particulate Matter	As per Norms
9	D G Set - 750 KVA	Diesel	2	Particulate Matter	As per Norms
10	D G Set - 200 KVA	Diesel	8	Particulate Matter	As per Norms
11	D G Set - 200 KVA	Diesel	8	Particulate Matter	As per Norms

- 3(c) The emissions by various stacks into the environment should be as per the norms of the Board .

Emission Quality Details Detail			
S.No	Stack No	Parameter	Standard
1		Particulate Matter	As per Standards specified in E. P. Act,1986.

4. Quantity of other pollutants should also be as per the norms prescribed by the Board/MOEF & CC/or otherwise mandatory .
5. The equipment for air pollution control system and monitoring ,as proposed by the industry and approved by the Board should be installed in their premises itself .
6. The modification or installation in the existing pollution control equipments should be done only by prior approval of Board .
7. The operation of air pollution control system and maintenance be done in such a way that the quantity of pollutants should be in accordance with the standards prescribed by the Board/MoEF & CC/or otherwise mandatory .

8. Unit should do provisions for fugitive emissions chimney/stack as per the norms of the Board/MOEF & CC/or otherwise mandatory .
9. The unit should submit the stack emissions monitoring report within one month from issuance of consent order along with the point wise compliance report of the consent order . Further quarterly monitoring report should be submitted .

The Unit will file the renewal application at least 2 months prior to the expiry of this Order.

Specific Conditions:

1. This consent is valid for M/s Adani Lucknow International Airports Ltd., First Floor, Terminal- 1, Chaudhay Charan Singh International, Airport, Lucknow only.
2. In Case of any changes, enhancement, address change etc., No Objection Certificate shall be obtained from the Board.
3. Ambient air quality of the area shall be monitored on quarterly basis and report be submitted to the Board.
4. Noise and emission level from the DG sets installed of 4X750 KVA, 2X320 KVA and 4X200 KVA capacities shall be within the prescribed norms and the stack shall be as per prescribed norms.
5. The airport authority shall install noise level display system. Noise level shall be monitored regularly in all seasons (different meteorological conditions) within the compound as well as nearby habitations and it shall be ensured that the noise level is within the prescribed limits.
6. The Order issued by Hon'ble Courts/Hon'ble NGT, MOEF, Central Pollution Control Board, U.P. Pollution Control Board, shall be complied with.
7. Generated hazardous waste shall be stored temporarily in the unit premises and disposed off through authorized TSDF after obtaining the authorization from the Board.
8. The unit shall submit the latest copy of Audited Balance Sheet/C.A. Certificate (Fixed Assets+ Current Assets - Current Liabilities) so that the Consent fee payable by the industry may be verified.
9. The unit shall comply with the provisions of, Environment (Protection) Act 1986, Water (Prevention and Control of Pollution) Act, 1974 as amended, Air (Prevention and Control of Pollution) Act, 1981 as amended, Plastic Waste Management Rules 2016, E- Waste (Management) Rules 2016, Solid Waste Management Rules 2016 & Hazardous and other Waste (Management and Transboundary Movement) Rules 2016 (Whichever is applicable).
10. The unit shall develop green belt as per the Protocol attached with Board's office order H 16405 /220/2018/02 dated 16-2-2018, which is available on the Board's website- www.uppcb.com.
11. The applicant shall install one Continuous Automatic Noise Monitoring Station in the airport at location specified by UPPCB within 06 months of issuance of this consent and shall get it connected to UPPCB Server
12. If closure order is issued by CPCB or UPPCB against any defaulting unit, then CTO issued earlier will remain suspended during the closure period and after ensuring the compliance and after revocation of closure order, the CTO will automatically be effective from the date of issuance of closure order revocation, with additional conditions mentioned in the closure revocation order.

Issued with the permission of competent authority .

For and on behalf of U.P. Pollution Control Board .

Chief Environmental Officer (CEO-5), Lucknow.



UTTAR PRADESH POLLUTION CONTROL BOARD

Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010

Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.com, Website: www.uppcb.com

CONSENT ORDER

Ref No. -
122221/UPPCB/Lucknow(UPPCBRO)/CTO/water/LUCKNOW/2021

Dated : 14/05/2021

To ,

Shri SURESH CHANDRA HOTA

M/s ADANI LUCKNOW INTERNATIONAL AIRPORT LIMITED

First Floor Terminal 1, CCS International Airport Lucknow, Lucknow

(U.P.),LUCKNOW,226009

LUCKNOW

Sub : Consent under Section 25/26 of The Water (Prevention and control of Pollution) Act, 1974 (as amended) for discharge of effluent to M/s. ADANI LUCKNOW INTERNATIONAL AIRPORT LIMITED

Reference Application No :11469606

Dated :14/05/2021

1. For disposal of effluent into water body or drain or land under The Water (Prevention and control of Pollution) Act,1974 as amended (here in after referred as the act) M/s. ADANI LUCKNOW INTERNATIONAL AIRPORT LIMITED is hereby authorized by the board for discharge of their industrial effluent generated through ETP for irrigation/river through drain and disposal of domestic effluent through septic tank/soak pit subject to general and special conditions mentioned in the annexure ,in reference to their foresaid application .
2. This consent is valid for the period from 18/02/2021 to 31/12/2025 .
3. In spite of the conditions and provisions mentioned in this consent order UP Pollution Control Board reserves its right and powers to reconsider/amend any or all conditions under section 27(2) of the Water (Prevention and Control of Pollution) Act, 1974 as amended .

This consent is being issued with the permission of competent authority .

For and on behalf of U.P. Pollution Control Board

Environmental Chief Officer, CEO-5, Lucknow.

Enclosed : As above
(condition of consent):

Copy to: Regional Officer ROUPPCB, Lucknow.

Environmental Chief Officer, CEO-5, Lucknow.

U.P. POLLUTION CONTROL BOARD, LUCKNOW

Annexure to Consent issued to M/s.ADANI LUCKNOW INTERNATIONAL AIRPORT LIMITED vide

Consent Order No. 11469606/ Water

Dated : 14/05/2021

CONDITIONS OF CONSENT

1. This consent is valid only for the approved production capacity of Air Port .
2. The quantity of maximum daily effluent discharge should not be more than the following :

Effluent Discharge Details			
S.No	Kind of Effluent	Maximum daily discharge,KL/day	Treatment facility and discharge point
1	Domestic	450 KLD (Maximum)	STP

3. Arrangement should be made for collection of water used in process and domestic effluent separately in closed water supply system. The treated domestic and industrial effluent if discharged outside the premises, if meets at the end of final discharge point, arrangement should be made for measurement of effluent and for collecting its sample. Except the effluent informed in the application for consent no other effluent should enter in the said arrangements for collection of effluent. It should also be ensured that domestic effluent should not be discharged in storm water drain .
- 4(a) The domestic effluent should be treated in treatment plant so that the should be in conformity with the following norms dated treated effluent .

Domestic Effluent		
S.No	Parameter	Standard
1	BOD	30 mg/lit.
2	Total Suspended Solids	100 mg/lit.
3	COD	250 mg/lit.
4	Oil & Grease	10 mg/lit.

- 4(b). The industrial effluent should be treated in treatment plant so that the treated effluent should be in conformity with the following norms. .

Industrial Effluent		
S.No	Parameter	Standard

5. Effluent generated in all the processes, bleed water, cooling effluent and the effluent generated from washing of floor and equipments etc should be treated before its disposal with treated industrial effluent so that it should be according to the norms prescribed under The Environment (Protection) Act,1986 or otherwise mandatory .
6. The other pollutant for which norms have not been prescribed, the same should not be more than the norms prescribed for the water used in manufacturing process of the industry .
7. The method for collecting industrial and domestic effluent and its analysis should be as per legal Indian standards and its subsequent amendments/standards prescribed under The Environment (Protection) Act, 1986.
8. The treated domestic and industrial effluent be mixed (as per the provisions of Condition No. 2) and disposed of on one disposal point. This common effluent disposal point should have arrangement for flow meter/V Notch for measuring effluent and its log book be maintained .
9. The Unit will file the renewal application at least 2 months prior to the expiry of this Order.

Specific Conditions:

1. This consent is valid for M/s Adani Lucknow International Airports Ltd., First Floor, Terminal- 1, Chaudhay Charan Singh International, Airport, Lucknow only.
2. In Case of any changes, enhancement, address change etc., No Objection Certificate shall be obtained from the Board.
3. The unit shall ensure to operate the Sewage Treated Plant of capacity 450 KLD in such a manner so that it can achieve the standard specified in the notification issued by Ministry of Environment , Forest & Climate Change vide GSR 1265 (E) dated 13-10-2017 in the time period as specified in the notification & treated water shall be used in flushing/horticulture/cooling etc.
4. The airport shall ensure to comply the condition mentioned in the CGWA permission dated 05.09.2019 which is valid upto 04-09-2021 and send the compliance report in the Board within month.
5. The Order issued by Hon'ble Courts/Hon'ble NGT, MOEF, Central Pollution Control Board, U.P. Pollution Control Board, shall be complied with.
6. Generated hazardous waste shall be stored temporarily in the unit premises and disposed off through authorized TSDF after obtaining the authorization from the Board.
7. The unit shall submit the latest copy of Audited Balance Sheet/C.A. Certificate (Fixed Assets+ Current Assets - Current Liabilities) so that the Consent fee payable by the industry may be verified.
8. The unit shall comply with the provisions of, Environment (Protection) Act 1986, Water (Prevention and Control of Pollution) Act, 1974 as amended, Air (Prevention and Control of Pollution) Act, 1981 as amended, Plastic Waste Management Rules 2016, E- Waste (Management) Rules 2016, Solid Waste Management Rules 2016 & Hazardous and other Waste (Management and Transboundary Movement) Rules 2016 (Whichever is applicable).
9. The unit shall develop green belt as per the Protocol attached with Board's office order H 16405 /220/2018/02 dated 16-2-2018, which is available on the Board's website- www.uppcb.com.
10. If closure order is issued by CPCB or UPPCB against any defaulting unit, then CTO issued earlier will remain suspended during the closure period and after ensuring the compliance and after revocation of closure order, the CTO will automatically be effective from the date of issuance of closure order revocation, with additional conditions mentioned in the closure revocation order.

Issued with the permission of competent authority .

For and on behalf of U.P. Pollution Control Board .

Environmental Chief Officer, CEO-5, Lucknow.

ANNEXURE - 3

T P -छ (संलक -6)

अि सुरा माणप (पूणता (कीशन) अनापि माणप)

यूआईडी सां : UPFS/2020/23661/LCK/LUCKNOW/1500/CFO

दिनांक: 17-10-2020

माणित किया जाता है कि मैसस **Adani Lucknow International Airport Limited** (भवन/तिनँ का नाम) पता **753, Tarminal-1, Airport Campus, Lucknow** तहसील - **Sarojini Nagar**, ट एरया **23600.00 sq.mt**, कुल कवड एरया **11599.70** (वग मीटर), ब्लाकों की सां - **1** जिसम

ई क/टावर	प्रत्येक क म तलों की सां	बेसमे की सां	ऊँचाई
Terminal 1	2	0	9.90 mt.

है। भवन का अधिभोग मैसस **Adani Lucknow International Airport Limited** रा किया जा रहा है। इनके रा भवन म अि निवारण एवं अि सुरा वथाएँ, एन0बी0सी0 एवं त बंधी भारतीय मानक . यूरो के आई0एस0 के अनुसार भवन म अधिापित करायी गयी वथाओँ का निरीण **अशिमन अधिकारी** रा दिनांक **21-10-2020** को भवन मी /भवन मी के ति निधि णी **Sunil Parate** के साथ किया गया। भवन म अधिापित अि सुरा वथाएँ मानकों के अनुसार अधिापित पायी गयी। अतः गत भवन को अि सुरा माणप (फायर सी सटिफिकेट) एन0बी0सी0 की अधिभोग णेणी **Assembly** के अग त्र वैधता तिथि **23-10-2020** से **23-10-2023** तक **3** वष के लिए इस शतके साथ निगत किया जा रहा है कि भवन म नियमानुसार थापित सभी अशिमन वथाओँ का अनुरण करते ए यिशील बनाये रखा जायेगा। भवन म अधिापित की गयी अशिमन वथाओँ म प्रायी गयी कमी के कारण किसी भी घटना के लिए मैसस **Adani Lucknow International Airport Limited** अधिभोगी पूणप से जिेदार होगा/होगा निगत अि सुरा माणप का नवीनीकरण निधात समयावधि

के अर न कराये जाने पर निगत्त अि सुरा माणप तः ही निर मान लिया जायेगा, जिसके लिए मेसस **Adani Lucknow International Airport Limited** अधिभोगी पूणप् से जि ेदार होगा/होगा

Note : 01) ागत भवन मऱजनहित के गित 02 अदद बा स्टेयरकेस का निमाण कराया जाना आवक है।

"यह माण -प आपके ारा त अभिलेखों, सूचनाओं के आधार पर निगत किया जा रहा है। इनके असत्य पाए जाने पर निगत माण -प मा नहीं होगा। यह माण -प भूमि / भवन के स्वामित्व / अधिभोग को माणित नहीं करता है।"

हार (निगमन अधिकारी)

(मु अशिमन अधिकारी)



Digitally Signed By

(VIJAY KUMAR SINGH)

[546A902FE4D42A5123E8A8F277613D624EF16119]

23-10-2020

निगत किये जाने का दिनांक : 23-10-2020
थान : LUCKNOW

INDIA
लखनऊ
OW

प्राखप-छ (संलग्नक-6)

अग्नि एवं जीवन सुरक्षा प्रमाण पत्र (Fire Safety Certificate)

यूआईडी संख्या: 2018/49255/एलकेडब्ल्यू/लखनऊ/3202/डीडी (अग्नि सुरक्षा प्रमाण-पत्र के अनुसार)
दिनांक:- 03.08.2018

प्रमाणित किया जाता है कि अग्निशमन अधिकारी, सरोजनीनगर की आख्या के अनुसार विमानवत्तन अमौसी लखनऊ परिसर में निर्मित प्रशासनिक भवन जिसमें भूतल +03 तल का निर्मित है, जिसकी ऊँचाई 14.450 मीटर तथा प्लॉट एरिया 5892.00 वर्ग मीटर है। भवन का अधिभोग बिजनेस श्रेणी (भवन स्वामी/ अधिभोग अथवा कम्पनी का नाम) द्वारा किया जा रहा है। इनके द्वारा भवन में अग्नि निवारण एवं अग्नि सुरक्षा व्यवस्थाएँ एन0बी0सी0 एवं तत्सम्बन्धी भारतीय मानक ब्यूरो के आई0एस0 के अनुसार भवन में स्थापित व्यवस्थाओं का अनुरक्षण किया जा रहा है। जिसका निरीक्षण अग्निशमन अधिकारी द्वारा दिनांक: 08.08.2018 को भवन स्वामी के प्रतिनिधि वरिष्ठ प्रबन्धक श्री अम्बरीश सिंह के साथ किया गया, तथा भवन में अधिष्ठापित अग्नि एवं जीवन सुरक्षा व्यवस्थाओं को मानकों के अनुसार यथास्थिति में पाया गया। अतः प्रश्नगत भवन को अग्नि सुरक्षा प्रमाण पत्र (Fire Safety Certificate) (एन0 बी0सी0 की अधिभोग श्रेणी) शैक्षणिक के अन्तर्गत वैधता तिथि 11, 08, 2018 से 10, 08, 2022 तक वर्ष के लिए इस शर्त के साथ दिया जा रहा है कि भवन में सभी मानकों का अनुपालन किया जायेगा तथा भवन के इस प्रमाण पत्र का नवीनीकरण निर्धारित समयवधि के अन्तर्गत पुनः कराया जायेगा तथा नवीनीकरण से पूर्व भवन में स्थापित अग्निशमन व्यवस्थाओं को क्रियाशील रखने की जिम्मेदारी आपकी होगी।

निर्गत किये जाने का दिनांक:-

स्थान:- लखनऊ

(विजय कुमार सिंह)
मुख्य अग्निशमन अधिकारी
लखनऊ।

कार्यालय

मुख्य

अग्निशमन

अधिकारी,

लखनऊ।

संख्या: प-1134/एफएस-08

दिनांक: अगस्त 07, 2018

सेवा में,

वरिष्ठ प्रबन्धक (अभि0वि)

भारतीय विमानपत्तन प्राधिकरण,

चौधरी चरण सिंह अन्तराष्ट्रीय हवाई अड्डा

लखनऊ

विषय:-

नये इंटीग्रेटेड पैसेंजर टर्मिनल भवन के लिए अग्निशमन उपकरणों का कार्यशीलता प्रमाण पत्र निर्गत किये जाने के सम्बन्ध में।

कृपया अपने पत्र संख्या: भाविप्रा/लख./वरि.प्र.(अभि-वि)/2018-19 दिनांक: 06.08.2018 पर आप के पृष्ठांकन आदेश दिनांक: 06.08.2018 का सन्दर्भ ग्रहण करने का कष्ट करें, जो उपरोक्त विषयक है।

उक्त विषयक स्थल भवन का अग्नि सुरक्षा की दृष्टिकोण से अग्निशमन अधिकारी, सरोजनीनगर लखनऊ द्वारा निरीक्षण/ परीक्षण कराया गया जिनकी आख्या के अनुसार निम्न तथ्य प्रकाश में आये:-
उपलब्ध अग्निशमन व्यवस्थाये:-

- 1- सम्पूर्ण भवन में आईएस0-2190-2010 के अनुसार फायर एक्सटिंग्यूशर स्थापित है। जो कार्यशील दशा में है।
- 2- सम्पूर्ण भवन परिसर में इन्टर्नल एवं एक्सटर्नल हाईड्रेंट के पास होज बाक्स में होज पाइप मय नाजूल स्थापित है जो कार्यशील दशा में है।
- 3- भवन के बेसमेन्ट व ग्राउण्ड तल में स्प्रिंकलर सिस्टम स्थापित है। जो कार्यशील दशा में है।
- 4- सम्पूर्ण भवन में स्मोक डिटेक्टर सिस्टम स्थापित है। जो कार्यशील दशा में है।
- 5- सम्पूर्ण भवन में मैनुअली ऑपरेटेड इलेक्ट्रिकल फायर एलार्म सिस्टम स्थापित है। जो कार्यशील दशा में है।
- 6- भवन के बेसमेन्ट में ऑटोमेटिक स्मोक एक्सट्रैक्शन सिस्टम स्थापित है। जो कार्यशील दशा में है।
- 7- भवन परिसर में लगभग 3 लाख लीटर क्षमता का अण्डर ग्राउण्ड टैंक स्थापित है। जो कार्यशील दशा में है।
- 8- पम्प रूम में 2850 लीटर प्रति मिनट क्षमता का 02 इलेक्ट्रिकल फायर पम्प एवं समकक्ष क्षमता का 01 डीजल चालित पम्प तथा 180 लीटर प्रति मिनट क्षमता का 02 जांकी पम्प स्थापित है। जो ऑटोमोड पर है। जिसे वैकल्पिक ऊर्जा स्रोत से संयोजित किया गया है। जो कार्यशील दशा में है।

अतः उपरोक्तानुसार अग्निशमन अधिकारी, सरोजनीनगर लखनऊ की संस्तुति आख्या के आधार पर नये इंटीग्रेटेड पैसेंजर टर्मिनल भवन में अधिष्ठापित अग्निशमन प्रणाली के कार्यशीलता का प्रमाण पत्र निर्गत किया जाता है। व्यवस्था अकार्यशील होने पर निर्गत किया जा रहा प्रमाण पत्र स्वतः निरस्त समझा जायेगा।

(विजय कुमार सिंह)

मुख्य अग्निशमन अधिकारी,

लखनऊ

प्रतिलिपि:- अग्निशमन अधिकारी, सरोजनीनगर लखनऊ को सूचनार्थ एवं आवश्यक कार्यवाही हेतु।

ANNEXURE - 4

Annexure 4 – DG set with acoustic Enclosure



ANNEXURE - 5



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

NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:	M/s C/O New Integrated International Building At Lucknow Airport		
Project Address:	Amousi, Lucknow		
Town:	Lucknow (M Corp.)	Block:	Sarojaninagar
District:	Lucknow	State:	Uttar Pradesh
Pin Code:	226009		
Communication Address:	Office of Airport Director, Airports Authority of India, Chaudhary Charan Singh International Airport, Sarojaninagar, Lucknow, Uttar Pradesh - 226009		
Address of CGWB Regional Office :	Regional Director, Central Ground Water Board, Northern Region, Bhujal Bhavan, Sector - B, Sitapur Road Yojna, Ram Ram Bank Chauraha, Lucknow, Uttar Pradesh – 226021		

1.	NOC No.:	CGWA/NOC/INF/ORIG/2019/5972								
2.	Application No.:	21-4/5370/UP/INF/2018				3.	Category:	Infrastructure		
4.	Project Status:	Expansion of Existing Project				5.	NOC Type:	New		
6.	Valid from:	05/09/2019				7.	Valid up to:	04/09/2021		
8.	Ground Water Abstraction Permitted:									
Fresh Water		Saline Water		Dewatering		Total				
m³/day	m³/year	m³/day	m³/year	m³/day	m³/year	m³/day	m³/year	m³/day	m³/year	
1380.00	503700.00							1380.00	503700.00	
9.	Details of ground water abstraction /Dewatering structures									
Total Existing No.:9					Total Proposed No.:8					
	DW	DCB	BW	TW	MP	DW	DCB	BW	TW	MP
Abstraction Structure*	0	0	0	9	0	0	0	0	8	0
*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit										
10.	Quantum of ground water recharge/harvesting (m³/year):				114215.00					
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			2		0	1	1		

(Compliance Conditions given overleaf)

Member (CGWA)

18/11, Jamnagar House, Mansingh Road, New Delhi-110011
Phone: (011) 23383561 Fax: 23382051, 23386743
Website: cgwa-noc.gov.in

स्वच्छ सु ति जल - खुशहाल कल
CONSERVE WATER - SAVE LIFE

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

1. 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).
2. 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).
3. All ground water abstraction/ de-watering structures shall be fitted/continue to be fitted with digital water flow meters by the firm at its own cost. Daily ground water abstraction data shall be monitored / continue to be monitored (in case of renewal) by the firm and recorded in a log book. Details of month-wise ground water abstraction shall be submitted to the Regional Director, CGWB on annual basis.
4. In case the ground water abstraction is more than 10 m³/day, monthly water level monitoring data shall be maintained and submitted annually to the Regional Office of CGWB. Wherever groundwater withdrawal is more than 500 m³/day, the firm shall install telemetry system in one of the piezometers and share USER ID and password of the telemetry system with the Regional Director, CGWB.
5. In case ground water abstraction is more than 10 m³/day, ground water quality shall be monitored once in a year (during pre- monsoon period) and the report submitted to the Regional Director, CGWB.
6. Ground water augmentation/harvesting measures, as stipulated in the NOC, shall be implemented (in new cases) / continue to be maintained (in case of renewal) in consultation with the Regional Director, CGWB.
7. Proof of recharge/ water harvesting (photographs of structures constructed) shall be submitted to the Regional Director, CGWB. The firm shall also undertake periodic maintenance of recharge/water harvesting structures at its own cost.
8. The firm shall optimize water use through recycling/ reuse of waste water after proper treatment.
9. 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.
10. In case of industries 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.
11. 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.
12. 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.
13. Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the Regional Director, Central Ground Water Board.
14. 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.
15. 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.
16. This NOC does not absolve the proponents of their obligation/ requirement to obtain other statutory and administrative clearances from appropriate authorities.
17. 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.
18. 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.
19. Application for renewal can be submitted online from 90 days before the expiry of NOC. Application for renewal of expired NOCs shall not be entertained and subsequent ground water withdrawal, if any, shall be illegal & liable for legal action as per provisions of Environment Protection Act (EPA), 1986.

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

ANNEXURE – 6

Vimta Labs Limited

Registered Office
142, IDA Phase II, Cherlapally
Hyderabad-500 051, Telangana, India
T : +91 40 2726 4141
F : +91 40 2726 3657



Driven by Quality. Inspired by Science.

ISSUED TO:

**M/S.ADANI LUCKNOW INTERNATIONAL AIRPORT
LIMITED.,
(CHAUDHARY CHARAN SINGH INTERNATIONAL
AIRPORT),
AMAUSI, LUCKNOW,
UTTARPRADESH-226009**

Report Number : VLL/VLS/20/10238/001
Issued Date : 2021.01.20
P. Order Ref : 5700291869
P.O. Date : 13.10.2020

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**SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING
@ TOP OF THE FIRE STATION-AIRSIDE**

Frequency Of Sampling	: Weekly Twice
Time Weighted Average	: 24 Hours
Month of Monitoring	: NOVEMBER 2020&DECEMBER 2020
Sampling & Analysis Method	: PM10 - IS:5182 P-23; PM2.5 - IS:5182P-24; SO ₂ - IS:5182 P2; and NO ₂ - IS:5182 P-6
Test Required	: PM ₁₀ , PM _{2.5} , SO ₂ , and NO ₂ .
Sample collected by Vimta labs ltd	

TEST REPORT

Location Code:AAQ-1	RESULTS (µg/m ³)			
Date of Sampling	Particulates Less than 2.5 microns as PM _{2.5}	Particulates Less than 10 microns as PM ₁₀	Sulfur Dioxide as SO ₂	Nitrogen Dioxide of as NO ₂
20.11.2020	16.5	43.6	12.3	15.4
21.11.2020	17.4	44.7	12.8	16.1
27.11.2020	18.1	46.5	13.1	15.6
28.11.2020	16.9	43.2	13.3	16.1
04.12.2020	17.8	45.6	12.8	15.2
05.12.2020	18.1	46.9	12.4	15.3
09.12.2020	19.6	50.1	11.6	14.9
10.12.2020	19.4	51.2	12.3	16.1
16.12.2020	20.1	49.8	13.2	16.5
17.12.2020	20.8	48.6	12.8	14.9
23.12.2020	19.4	51.6	13.1	15.7
24.12.2020	18.4	49.7	13.4	14.3
29.12.2020	20.9	50.7	13.9	15.4
30.12.2020	21.3	49.6	12.4	14.3
Minimum	16.5	43.2	11.6	14.3
Maximum	21.3	51.6	13.9	16.5
Mean	18.9	48.0	12.8	15.4
98%ile	21.2	51.5	13.8	16.4
NAAQ Standard	60	100	80	80

**Dr. SubbaReddy Mallampati
Group Leader-Environment**

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SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING at Top of SCADA Building

Frequency Of Sampling : Weekly Twice
Time Weighted Average : 24 Hours
Sampling & Analysis Method : PM10 - IS:5182 P-23; PM2.5 - IS:5182P-24; SO2 - IS:5182 P2; and
NO2 - IS:5182 P-6
Month of Monitoring : **NOVEMBER 2020&DECEMBER 2020**
Test Required : PM₁₀, PM_{2.5}, SO₂, and NO₂,
Sample collected by Vimta labs ltd

TEST REPORT

Location Code:AAQ-2	RESULTS (µg/m ³)			
Date of Sampling	Particulates Less than 2.5 microns as PM _{2.5}	Particulates Less than 10 microns as PM ₁₀	Sulfur Dioxide as SO ₂	Nitrogen Dioxide of as NO ₂
20.11.2020	23.6	54.3	12.8	15.6
21.11.2020	24.1	51.3	13.1	16.1
27.11.2020	25.3	53.6	13.3	17.2
28.11.2020	25.1	55.2	13.8	16.9
04.12.2020	24.6	55.3	13.6	17.4
05.12.2020	25.6	56.3	14.1	18.1
09.12.2020	24.9	54.6	14.6	18.9
10.12.2020	26.3	56.9	15.1	19.1
16.12.2020	24.6	53.6	13.6	17.4
17.12.2020	26.5	58.4	14.2	18.2
23.12.2020	25.6	56.1	13.8	18.6
24.12.2020	24.7	53.8	14.1	18.4
29.12.2020	23.9	51.2	13.6	18.5
30.12.2020	24.1	53.3	12.9	17.4
Minimum	23.6	51.2	12.8	15.6
Maximum	26.5	58.4	15.1	19.1
Mean	24.9	54.6	13.8	17.7
98%ile	26.4	58.0	15.0	19.0
NAAQ Standard	60	100	80	80

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Group Leader-Environment

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SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING @ Near Terminal-2 Building

Frequency Of Sampling : Weekly Twice
Time Weighted Average : 24 Hours
Sampling & Analysis Method : PM10 - IS:5182 P-23; PM2.5 - IS:5182P-24; SO2 - IS:5182 P2; and
NO2 - IS:5182 P-6
Month of Monitoring : NOVEMBER 2020&DECEMBER 2020
Test Required : PM₁₀, PM_{2.5}, SO₂, and NO₂,
Sample collected by Vimta labs ltd

TEST REPORT

Location Code:AAQ-3	RESULTS (µg/m ³)			
Date of Sampling	Particulates Less than 2.5 microns as PM _{2.5}	Particulates Less than 10 microns as PM ₁₀	Sulfur Dioxide as SO ₂	Nitrogen Dioxide of as NO ₂
20.11.2020	22.9	51.1	12.8	16.5
21.11.2020	23.4	53.4	13.2	17.1
27.11.2020	24.1	51.2	13.4	17.4
28.11.2020	25.2	53.2	14.1	17.9
04.12.2020	24.1	50.8	13.8	17.1
05.12.2020	23.1	49.8	13.1	13.2
09.12.2020	22.8	50.3	12.8	14.5
10.12.2020	24.5	51.1	13.6	16.3
16.12.2020	26.1	53.6	12.6	14.2
17.12.2020	24.6	52.8	13.6	16.3
23.12.2020	23.1	53.9	13.1	14.8
24.12.2020	22.8	54.2	12.9	16.2
29.12.2020	21.8	51.3	13.1	16.1
30.12.2020	23.4	54.2	12.4	14.9
Minimum	21.8	49.8	12.4	13.2
Maximum	26.1	54.2	14.1	17.9
Mean	23.7	52.2	13.2	15.9
98%ile	25.9	54.2	14.0	17.8
NAAQ Standard	60	100	80	80

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SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING @ Near Terminal-2 Building

Frequency Of Sampling : Weekly Twice
Time Weighted Average : 24 Hours
Sampling & Analysis Method : PM10 - IS:5182 P-23; PM2.5 - IS:5182P-24; SO₂ - IS:5182 P2; and
NO₂ - IS:5182 P-6
Month of Monitoring : NOVEMBER 2020&DECEMBER 2020
Test Required : PM₁₀, PM_{2.5}, SO₂, and NO₂,
Sample collected by Vimta labs ltd

TEST REPORT

Location Code:AAQ-4	RESULTS (µg/m ³)			
Date of Sampling	Particulates Less than 2.5 microns as PM _{2.5}	Particulates Less than 10 microns as PM ₁₀	Sulfur Dioxide as SO ₂	Nitrogen Dioxide of as NO ₂
20.11.2020	30.8	55.6	13.6	17.5
21.11.2020	31.2	58.9	14.1	18.4
27.11.2020	33.4	60.3	12.9	16.9
28.11.2020	29.5	61.2	13.5	16.8
04.12.2020	28.9	63.3	15.4	19.1
05.12.2020	30.1	60.2	13.6	18.6
09.12.2020	26.9	61.3	13.6	15.6
10.12.2020	30.1	63.2	14.8	16.9
16.12.2020	31.2	64.5	14.6	17.4
17.12.2020	33.6	61.2	13.9	15.9
23.12.2020	30.8	62.2	14.6	16.8
24.12.2020	29.6	62.1	15.3	17.6
29.12.2020	31.3	59.9	13.9	18.1
30.12.2020	30.8	64.1	14.2	18.3
Minimum	26.9	55.6	12.9	15.6
Maximum	33.6	64.5	15.4	19.1
Mean	30.6	61.3	14.1	17.4
98%ile	33.5	64.4	15.4	19.0
NAAQ Standard	60	100	80	80

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SAMPLE PARTICULARS : AMBIENT NOISE LEVEL MONITORING

Frequency Of Sampling : Monthly Once in Each Location
Time Weighted Average : 24 Hours
Method of Analysis : IS:9989
Month of Monitoring : **DECEMBER 2020**
Test Required : L-Day and L-Night
Sample collected by Vimta labs ltd

TEST REPORT

Name of the Location	Date of Monitoring	L-day	L-night
		dB(A)	
Top of the Fire Station (Air Side)	21.12.2020	56.5	52.8
Top of SCADA Building	22.12.2020	60.9	54.1
Near Terminal-1 Building	23.12.2020	58.2	51.2
Near Terminal-2 Building	24.12.2020	57.8	49.3
Noise Standards		75.0	70.0

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SAMPLE PARTICULARS : STP OUTLET WASTEWATER

Frequency Of Sampling : One Grab sample in a Month
Month of Sampling : NOVEMBER 2020 & DECEMBER 2020
Quantity Collected for Analysis : 5 Liter
Type of Container used for sampling : HDPE Plastic Container-3 L
Amberlite Glass Container-2 L
Test Required : pH; Total Suspended Solids; Total Dissolved Solids; Total Nitrogen; Chemical Oxygen Demand; Biological Oxygen Demand; Oil and Grease; and Ammonical Nitrogen

Sample collected by Vimta labs ltd

TEST REPORT

Sr.No	Parameters	Method Adopted	UoM	November 2020	December 2020	CPCB Standard
Date Sampling				26.11.2020	24.12.2020	CPCB Standard
Date of Analysis Start Date				28.11.2020	26.11.2020	
Analysis of Completion				04.12.2020	05.11.2020	
1	pH	IS:3025 P-11	---	7.17	7.21	5.5 - 9.0
2	Total Suspended Solids	IS:3025 P-16	mg/L	23	27	100
3	Total Dissolved Solids	IS:3025 P-16	mg/L	289	316	2100
4	Total Nitrogen	APHA 4500-B	mg/L	1.2	1.7	10
5	Chemical Oxygen Demand	APHA 5220B	mg/L	80	110	250
6	Biological Oxygen Demand at 27°C, 3 days	IS:3025 P-44	mg/L	16	18	30
7	Oil and Grease	APHA 5520-C	mg/L	<1.0	<1.0	10
8	Ammonical Nitrogen	APHA 4500-F	mg/L	<0.1	<0.1	5



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**SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING
@ TOP OF THE FIRE STATION-AIRSIDE**

Frequency Of Sampling : Weekly Twice
Time Weighted Average : 24 Hours
Sampling & Analysis Method : PM10-IS:5182 P-23; and PM2.5-IS:5182P-24
Month of Monitoring : JANUARY 2021
Test Required : PM₁₀, PM_{2.5}, SO₂, and NO₂,
Sample collected by Vimta labs ltd

TEST REPORT

Location Code:AAQ-1	RESULTS (µg/m ³)			
Date of Sampling	Particulates Less than 2.5 microns as PM _{2.5}	Particulates Less than 10 microns as PM ₁₀	Sulfur Dioxide as SO ₂	Oxides of Nitrogen as NO ₂
01.01.2021	17.1	44.3	13.1	15.8
02.01.2021	16.6	41.6	13.9	16.3
08.01.2021	19.8	47.5	12.6	15.6
09.01.2021	18.6	46.6	14.1	16.9
15.01.2021	18.3	46.1	13.9	16.1
16.01.2021	19.1	50.1	11.7	14.5
20.01.2021	16.7	42.2	14.1	16.1
21.01.2021	20.1	51.2	13.6	15.9
26.01.2021	17.8	49.8	13.0	15.4
27.01.2021	21.1	53.4	14.1	16.5
Minimum	16.6	41.6	11.7	14.5
Maximum	21.1	53.4	14.1	16.9
Mean	18.5	47.3	13.4	15.9
98%ile	20.9	53.0	14.1	16.8
NAAQ Standard	60	100	80	80



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SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING at Top of SCADA Building

Frequency Of Sampling : Weekly Twice
Time Weighted Average : 24 Hours
Sampling & Analysis Method : PM10-IS:5182 P-23; and PM2.5-IS:5182P-24
Month of Monitoring : **JANUARY 2021**
Test Required : PM₁₀, PM_{2.5}, SO₂, and NO₂,
Sample collected by Vimta labs ltd

TEST REPORT

Location Code:AAQ-2	RESULTS ($\mu\text{g}/\text{m}^3$)			
Date of Sampling	Particulates Less than 2.5 microns as PM _{2.5}	Particulates Less than 10 microns as PM ₁₀	Sulfur Dioxide as SO ₂	Oxides of Nitrogen as NO ₂
01.01.2021	26.4	57.1	13.1	16.1
02.01.2021	26.7	58.2	14.1	16.4
08.01.2021	24.3	55.1	13.8	17.7
09.01.2021	27.1	59.3	12.9	16.6
15.01.2021	27.8	60.8	13.1	16
16.01.2021	28.5	61.2	14.8	18.8
20.01.2021	26.6	60.9	13.3	19.1
21.01.2021	29.1	63.3	14.1	19.8
26.01.2021	28.1	62.2	14.3	20.3
27.01.2021	29.2	61.1	14.8	20.8
Minimum	24.3	55.1	12.9	16.0
Maximum	29.2	63.3	14.8	20.8
Mean	27.4	59.9	13.8	18.2
98%ile	29.2	63.1	14.8	20.7
NAAQ Standard				



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SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING @ Near Terminal-1 Building

Frequency Of Sampling : Weekly Twice
Time Weighted Average : 24 Hours
Sampling & Analysis Method : PM10-IS:5182 P-23; and PM2.5-IS:5182P-24
Month of Monitoring : JANUARY 2021
Test Required : PM₁₀, PM_{2.5}, SO₂, and NO₂,
Sample collected by Vimta labs ltd

TEST REPORT

Location Code:AAQ-3	RESULTS ($\mu\text{g}/\text{m}^3$)			
Date of Sampling	Particulates Less than 2.5 microns as PM _{2.5}	Particulates Less than 10 microns as PM ₁₀	Sulfur Dioxide as SO ₂	Oxides of Nitrogen as NO ₂
01.01.2021	25.6	55.3	13.1	17.8
02.01.2021	24.8	52.4	14.1	18.6
08.01.2021	25.6	53.7	12.8	16.6
09.01.2021	27.7	56.8	13.8	17.1
15.01.2021	26.8	55.7	14.7	19.3
16.01.2021	21.1	51.1	15.1	21.1
20.01.2021	26.7	56.4	15.3	22.4
21.01.2021	23.8	54.3	14.4	18.7
26.01.2021	25.9	56.1	13.8	17.8
27.01.2021	26.3	58.6	12.7	17.1
Minimum	21.1	51.1	12.7	16.6
Maximum	27.7	58.6	15.3	22.4
Mean	25.4	55.0	14.0	18.7
98%ile	27.5	58.3	15.3	22.2
NAAQ Standard	60	100	80	80

Dr. SubbaReddy Mallampati
Group Leader-Environment

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Report Number : VLL/VLS/20/11078/001
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SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING @ Near Terminal-2 Building

Frequency Of Sampling : Weekly Twice
Time Weighted Average : 24 Hours
Sampling & Analysis Method : PM10-IS:5182 P-23; and PM2.5-IS:5182P-24
Month of Monitoring : **JANUARY 2021**
Test Required : PM₁₀, PM_{2.5}, SO₂, and NO₂,
Sample collected by Vimta labs ltd

TEST REPORT

Location Code:AAQ-4	RESULTS ($\mu\text{g}/\text{m}^3$)			
Date of Sampling	Particulates Less than 2.5 microns as PM _{2.5}	Particulates Less than 10 microns as PM ₁₀	Sulfur Dioxide as SO ₂	Oxides of Nitrogen as NO ₂
01.01.2021	32.2	58.8	12.9	18.1
02.01.2021	29.9	59.1	13.8	19.3
08.01.2021	34.4	63.4	14.1	18.9
09.01.2021	31.1	64.4	13.9	17.6
15.01.2021	29.9	61.3	14.9	20.2
16.01.2021	31.1	63.5	15.1	21.3
20.01.2021	29.9	59.9	14.2	19.3
21.01.2021	26.8	57.7	14.9	20.4
26.01.2021	32.3	61.7	15.6	21.2
27.01.2021	31.5	63.3	14.5	18.8
Minimum	26.8	57.7	12.9	17.6
Maximum	34.4	64.4	15.6	21.3
Mean	30.9	61.3	14.4	19.5
98%ile	34.0	64.2	15.5	21.3
NAAQ Standard	60	100	80	80



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SAMPLE PARTICULARS : AMBIENT NOISE LEVEL MONITORING

Frequency Of Sampling : Monthly Once in Each Location
Time Weighted Average : 24 Hours
Method of Analysis : IS:9989
Month of Monitoring : JANUARY 2021
Test Required : L-Day and L-Night
Sample collected by Vimta labs ltd

TEST REPORT

Name of the Location	Date of Monitoring	L-day	L-night
		dB(A)	
Top of the Fire Station (Air Side)	18.01.2021	54.3	50.7
Top of SCADA Building	19.01.2021	56.2	52.6
Near erminal-1 Building	20.01.2021	54.5	50.9
Near Terminal-2 Building	21.01.2021	53.0	56.5
Noise Standards		75.0	70.0

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SAMPLE PARTICULARS : DG NOISE EMISSION LEVEL MONITORING
Monitored at 1 meter Distance from Acoustic Enclosure

Frequency Of Sampling : Quarterly Once for Each DG Set
Type of Measurement : SPOT
Month of Monitoring : JANUARY 2021
Test Required : Sound Pressure Levels in Off and On Conditions
Sample collected by Vimta labs ltd

TEST REPORT

Sr.No	DG Set Code& Capacity	Location of DG Installed	Sound Pressure Level in d(B)A.	
			Background Noise Level	DG Running Noise Level
01	DG Set-1 750 KVA	SCADA Power House	58.3	86.7
02	DG Set-2 750 KVA		58.1	88.1
03	DG Set-3 750 KVA		59.3	90.7
04	DG Set-4 750 KVA		59.1	88.6
05	DG Set-5 750 KVA		60.2	85.7
06	DG Set-1 320 KVA	DGCA office	62.1	86.8
07	DG Set-2 320 KVA		62.7	85.5
08	DG Set-1 200 KVA	ATC Technical Block	61.2	85.3
09	DG Set-2 200 KVA		61.1	85.6
10	DG Set-1 200 KVA	MSSR Building	55.5	83.7

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SAMPLE PARTICULARS : STP OUTLET WASTEWATER

Frequency Of Sampling : One Grab sample in a Month
Month of Sampling : **JANUARY 2021**
Quantity Collected for Analysis : **1 Liter**
Type of Container used for sampling : **HDPE Plastic Can**
Test Required : pH; Total Suspended Solids; Total Dissolved Solids; Total Nitrogen; Chemical Oxygen Demand; Biological Oxygen Demand; Oil and Grease; and Ammonical Nitrogen
Sample Collected On : 20.01.2021
Analysis Start Date : 24.01.2021
Analysis Completion Date : 28.01.2021
Sample collected by Vimta Labs Ltd.,

TEST REPORT

Sr.No	Parameters	Method Adopted	UoM	Results	CPCB Standard
1	pH	IS:3025 P-11	--	7.8	5.5 - 9.0
2	Total Suspended Solids	IS:3025 P-16	mg/L	36	100
3	Total Dissolved Solids	IS:3025 P-16	mg/L	416	2100
4	Total Nitrogen	APHA 4500-B	mg/L	2.1	10
5	Chemical Oxygen Demand	APHA 5220B	mg/L	128	250
6	Biological Oxygen Demand at 27°C, 3 days	IS:3025 P-44	mg/L	21	30
7	Oil and Grease	APHA 5520-C	mg/L	<1.0	10
8	Ammonical Nitrogen	APHA 4500-F	mg/L	<0.1	5

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**SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING
@ TOP OF THE FIRE STATION-AIRSIDE**

Frequency Of Sampling : Weekly Twice
Time Weighted Average : 24 Hours
Sampling & Analysis Method : PM10 - IS:5182 P-23; PM2.5 - IS:5182P-24; SO2 - IS:5182 P2; and
NO2 - IS:5182 P-6
Month of Monitoring : **FEBRUARY 2021**
Test Required : PM₁₀, PM_{2.5}, SO₂, and NO₂.
Sample collected by Vimta labs ltd

TEST REPORT

Location Code:AAQ-1 Date of Sampling	RESULTS (µg/m ³)			
	Particulates Less than 2.5 microns as PM _{2.5}	Particulates Less than 10 microns as PM ₁₀	Sulfur Dioxide as SO ₂	Nitrogen Dioxide of as NO ₂
01.02.2021	20.3	46.7	12.3	13.2
02.02.2021	17.8	40.5	12.8	14.1
08.02.2021	21.1	48.1	11.2	13.3
09.02.2021	18.1	43.7	13.4	15.8
15.02.2021	19.3	48.8	12.8	14.4
16.02.2021	17.8	43.3	13.1	15.2
22.02.2021	19.6	50.2	12.4	14.1
23.02.2021	19.4	51.1	12.9	14.9
Minimum	17.8	40.5	11.2	13.2
Maximum	21.1	51.1	13.4	15.8
Mean	19.2	46.6	12.6	14.4
98%le	21.0	51.0	13.4	15.7
NAAQ Standard	60	100	80	80

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SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING at Top of SCADA Building

Frequency Of Sampling : Weekly Twice
Time Weighted Average : 24 Hours
Sampling & Analysis Method : PM10 - IS:5182 P-23; PM2.5 - IS:5182P-24; SO2 - IS:5182 P2; and
NO2 - IS:5182 P-6
Month of Monitoring : **FEBRUARY 2021**
Test Required : PM₁₀, PM_{2.5}, SO₂, and NO₂,
Sample collected by Vimta labs ltd

TEST REPORT

Location Code:AAQ-2	RESULTS (µg/m ³)			
Date of Sampling	Particulates Less than 2.5 microns as PM _{2.5}	Particulates Less than 10 microns as PM ₁₀	Sulfur Dioxide as SO ₂	Nitrogen Dioxide as NO ₂
01.02.2021	23.3	54.1	11.9	13.7
02.02.2021	24.1	56.2	12.4	14.1
08.02.2021	25.2	57.1	13.1	15.3
09.02.2021	26.1	58.2	14.1	15.8
15.02.2021	24.2	52.6	13.6	16.1
16.02.2021	23.8	52.3	13.8	14.1
22.02.2021	25.4	52.4	13.4	13.8
23.02.2021	26.1	57.1	12.9	15.9
Minimum	23.3	52.3	11.9	13.7
Maximum	26.1	58.2	14.1	16.1
Mean	24.8	55.0	13.2	14.9
98%ile	26.1	58.0	14.1	16.1
NAAQ Standard	60	100	80	80

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SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING @ Near Terminal-1 Building

Frequency Of Sampling : Weekly Twice
Time Weighted Average : 24 Hours
Sampling & Analysis Method : PM10 - IS:5182 P-23; PM2.5 - IS:5182P-24; SO2 - IS:5182 P2; and
NO2 - IS:5182 P-6
Month of Monitoring : **FEBRUARY 2021**
Test Required : PM₁₀, PM_{2.5}, SO₂, and NO₂,
Sample collected by Vimta labs ltd

TEST REPORT

Location Code:AAQ-3	RESULTS (µg/m ³)			
Date of Sampling	Particulates Less than 2.5 microns as PM _{2.5}	Particulates Less than 10 microns as PM ₁₀	Sulfur Dioxide as SO ₂	Nitrogen Dioxide as NO ₂
01.02.2021	26.9	56.8	13.1	15.4
02.02.2021	26.1	54.8	12.9	15.8
08.02.2021	25.8	53.9	11.2	14.5
09.02.2021	24.6	54.3	12.5	15.8
15.02.2021	27.7	58.1	13.2	16.3
16.02.2021	24.6	55.3	13.8	16.9
22.02.2021	25.5	57.1	13.2	17.1
23.02.2021	21.1	51.3	13.1	17.5
Minimum	21.1	51.3	11.2	14.5
Maximum	27.7	58.1	13.8	17.5
Mean	25.3	55.2	12.9	16.2
98%ile	27.6	58.0	13.7	17.4
NAAQ Standard	60	100	80	80

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SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING @ Near Terminal-2 Building

Frequency Of Sampling : Weekly Twice
Time Weighted Average : 24 Hours
Sampling & Analysis Method : PM10-IS:5182 P-23; and PM2.5-IS:5182P-24
Month of Monitoring : **FEBRUARY 2021**
Test Required : PM₁₀, PM_{2.5}, SO₂, and NO₂,
Sample collected by Vimta labs ltd

TEST REPORT

Location Code:AAQ-4	RESULTS (µg/m ³)			
Date of Sampling	Particulates Less than 2.5 microns as PM _{2.5}	Particulates Less than 10 microns as PM ₁₀	Sulfur Dioxide as SO ₂	Nitrogen Dioxide as NO ₂
01.02.2021	28.3	61.2	11.4	14.2
02.02.2021	31.2	63.7	12.8	15.4
08.02.2021	30.4	62.3	13.3	16.1
09.02.2021	29.3	61.1	12.9	15.5
15.02.2021	29.9	59.3	13.5	16.4
16.02.2021	27.8	58.3	14	16.7
22.02.2021	26.9	59.9	13.2	16.3
23.02.2021	26.5	56.7	13.9	17.3
Minimum	26.5	56.7	11.4	14.2
Maximum	31.2	63.7	14	17.3
Mean	28.8	60.3	13.1	16.0
98%le	31.1	63.5	14.0	17.2
NAAQ Standard	60	100	80	80

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SAMPLE PARTICULARS : AMBIENT NOISE LEVEL MONITORING

Frequency Of Sampling : Monthly Once in Each Location
Time Weighted Average : 24 Hours
Method of Analysis : IS:9989
Month of Monitoring : **FEBRUARY 2021**
Test Required : L-Day and L-Night
Sample collected by Vimta labs ltd

TEST REPORT

Sr.No	Name of the Location	Date of Monitoring	L-day	L-night
			dB(A)	
1	Top of the Fire Station (Air Side)	03.02.2021	53.3	48.3
2	Top of SCADA Building	09.02.2021	54.2	49.7
3	Near Terminal-1 Building	17.02.2021	54.8	50.1
4	Near Terminal-2 Building	24.02.2021	53.8	50.5
Noise Standards			75.0	70.0

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**SAMPLE PARTICULARS : DG NOISE EMISSION LEVEL MONITORING
Monitored at 1 meter Distance from Acoustic Enclosure**

Frequency Of Sampling : Quarterly Once for Each DG Set
Type of Measurement : SPOT
Month of Monitoring : **FEBRUARY 2021**
Test Required : **Sound Pressure Levels in Off and On Conditions**
Sample collected by Vimta labs ltd

TEST REPORT

Sr.No	DG Set Code& Capacity	Location of DG Installed	Sound Pressure Level in d(B)A.	
			Background Noise Level	DG Running Noise Level
01	DG Set-1 320 KVA	CCR Room	51.46	70.4
02	DG Set-2 320 KVA		51.61	71.8
DG Noise Standard up to 1000 KVA				75.0

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SAMPLE PARTICULARS : STP OUTLET WASTEWATER

Frequency Of Sampling : One Grab sample in a Month
Month of Sampling : **FEBRUARY 2021**
Quantity Collected for Analysis : 5 Liter
Type of Container used for sampling : HDPE Plastic Container-3 L
Amberlite Glass Container-2 L
Test Required : pH; Total Suspended Solids; Total Dissolved Solids; Total Nitrogen; Chemical
Oxygen Demand; Biological Oxygen Demand; Oil and Grease; and Ammonical
Nitrogen
Sample Collected On : 08.02.2021
Analysis Start Date : 10.02.2021
Analysis Completion Date : 15.02.2021
Sample collected by Vimta Labs Ltd.,

TEST REPORT

Sr.No	Parameters	Method Adopted	UoM	Results	CPCB Standard
1	pH	IS:3025 P-11	--	7.6	5.5 - 9.0
2	Total Suspended Solids	IS:3025 P-16	mg/L	43	100
3	Total Dissolved Solids	IS:3025 P-16	mg/L	476	2100
4	Total Nitrogen	APHA 4500-B	mg/L	2.9	10
5	Chemical Oxygen Demand	APHA 5220B	mg/L	133	250
6	Biological Oxygen Demand at 27°C, 3 days	IS:3025 P-44	mg/L	23	30
7	Oil and Grease	APHA 5520-C	mg/L	<1.0	10
8	Ammonical Nitrogen	APHA 4500-F	mg/L	<0.1	5

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SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING
@ TOP OF THE FIRE STATION-AIRSIDE

Frequency Of Sampling : Weekly Twice
Time Weighted Average : 24 Hours
Sampling & Analysis Method : PM10 - IS:5182 P-23; PM2.5 - IS:5182P-24; SO2 - IS:5182 P2; and
NO2 - IS:5182 P-6
Month of Monitoring : MARCH 2021
Test Required : PM₁₀, PM_{2.5}, SO₂, and NO₂.
Sample collected by Vimta labs ltd

TEST REPORT

Location Code:AAQ-1 Date of Sampling	RESULTS (µg/m ³)			
	Particulates Less than 2.5 microns as PM _{2.5}	Particulates Less than 10 microns as PM ₁₀	Sulfur Dioxide as SO ₂	Nitrogen Dioxide of as NO ₂
01.03.2021	24.8	50.1	11.8	14.6
02.03.2021	23.2	51.3	12.1	15.2
08.03.2021	22.7	52.1	12.8	16.1
09.03.2021	21.2	50.2	13.1	16.6
15.03.2021	23.1	52.3	12.7	15.9
16.03.2021	20.9	49.4	11.4	14.8
22.03.2021	21.4	49.9	13.1	15.6
23.03.2021	22.7	51.6	11.7	15.1
29.03.2021	23.1	52.1	11.9	16.2
30.03.2021	22.8	51.3	13.2	16.3
Minimum	20.9	49.4	11.4	14.6
Maximum	24.8	52.3	13.2	16.6
Mean	22.6	51.0	12.4	15.6
98%ile	24.6	52.3	13.1	16.5
NAAQ Standard	60	100	80	80

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SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING at Top of SCADA Building

Frequency Of Sampling : Weekly Twice
Time Weighted Average : 24 Hours
Sampling & Analysis Method : PM₁₀ - IS:5182 P-23; PM_{2.5} - IS:5182P-24; SO₂ - IS:5182 P2; and
NO₂ - IS:5182 P-6
Month of Monitoring : MARCH 2021
Test Required : PM₁₀, PM_{2.5}, SO₂, and NO₂,
Sample collected by Vimta labs ltd

TEST REPORT

Location Code:AAQ-2	RESULTS (µg/m ³)			
Date of Sampling	Particulates Less than 2.5 microns as PM _{2.5}	Particulates Less than 10 microns as PM ₁₀	Sulfur Dioxide as SO ₂	Nitrogen Dioxide as NO ₂
01.03.2021	25.6	56.8	12.9	15.5
02.03.2021	26.6	57.5	13.1	15.7
08.03.2021	25.3	56.4	13.8	16.3
09.03.2021	26.1	57.3	14.3	17.8
15.03.2021	26.3	56.6	12.8	16.6
16.03.2021	22.7	53.4	11.9	15.4
22.03.2021	27.1	59.9	14.3	16.8
23.03.2021	25.9	57.3	12.7	13.9
29.03.2021	26.3	58.7	13.1	15.3
30.03.2021	25.9	57.1	13.2	14.9
Minimum	22.7	53.4	11.9	13.9
Maximum	27.1	59.9	14.3	17.8
Mean	25.8	57.1	13.2	15.8
98%ile	27.0	59.7	14.3	17.6
NAAQ Standard	60	100	80	80

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SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING @ Near Terminal-1 Building

Frequency Of Sampling : Weekly Twice
Time Weighted Average : 24 Hours
Sampling & Analysis Method : PM₁₀ - IS:5182 P-23; PM_{2.5} - IS:5182P-24; SO₂ - IS:5182 P2; and
NO₂ - IS:5182 P-6
Month of Monitoring : MARCH 2021
Test Required : PM₁₀, PM_{2.5}, SO₂, and NO₂,
Sample collected by Vimta labs ltd

TEST REPORT

Location Code:AAQ-3	RESULTS (µg/m ³)			
Date of Sampling	Particulates Less than 2.5 microns as PM _{2.5}	Particulates Less than 10 microns as PM ₁₀	Sulfur Dioxide as SO ₂	Nitrogen Dioxide of as NO ₂
01.03.2021	26.1	56.8	12.9	15.8
02.03.2021	24.8	53.4	13.1	16.6
08.03.2021	23.7	55.8	13.1	16.3
09.03.2021	26.1	57.8	12.8	15.9
15.03.2021	26.5	59.8	13.6	16.1
16.03.2021	24.5	55.3	12.9	15.5
22.03.2021	23.9	56.1	12.9	16.1
23.03.2021	22.4	54.3	13.1	16.7
29.03.2021	24.2	55.8	12.9	15.9
30.03.2021	25.1	26.1	13.1	16.4
Minimum	22.4	26.1	12.8	15.5
Maximum	26.5	59.8	13.6	16.7
Mean	24.7	53.1	13.0	16.1
98%ile	26.4	59.5	13.5	16.7
NAAQ Standard	60	100	80	80

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SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING @ Near Terminal-2 Building

Frequency Of Sampling : Weekly Twice
Time Weighted Average : 24 Hours
Sampling & Analysis Method : PM₁₀-IS:5182 P-23; and PM_{2.5}-IS:5182P-24
Month of Monitoring : **MARCH 2021**
Test Required : PM₁₀, PM_{2.5}, SO₂, and NO₂,
Sample collected by Vimta labs ltd

TEST REPORT

Location Code:AAQ-4	RESULTS (µg/m ³)			
Date of Sampling	Particulates Less than 2.5 microns as PM _{2.5}	Particulates Less than 10 microns as PM ₁₀	Sulfur Dioxide as SO ₂	Nitrogen Dioxide as NO ₂
01.03.2021	28.9	61.2	12.9	15.7
02.03.2021	30.1	66.6	13.1	16.4
08.03.2021	32.2	68.5	13.8	17.5
09.03.2021	27.9	63.2	13.3	16.6
15.03.2021	30.1	61.2	12.9	16.2
16.03.2021	26.7	59.9	13.1	16.8
22.03.2021	26.6	58.5	13.2	15.9
23.03.2021	29.9	58.9	12.9	14.9
29.03.2021	30.1	60.3	13.1	15.8
30.03.2021	27.7	57.7	12.9	15.9
Minimum	26.6	57.7	12.9	14.9
Maximum	32.2	68.5	13.8	17.5
Mean	29.0	61.6	13.1	16.2
98%ile	31.9	68.2	13.7	17.4
NAAQ Standard	60	100	80	80



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SAMPLE PARTICULARS : AMBIENT NOISE LEVEL MONITORING

Frequency Of Sampling : Monthly Once in Each Location
Time Weighted Average : 24 Hours
Method of Analysis : IS:9989
Month of Monitoring : March 2021
Test Required : L-Day and L-Night
Sample collected by Vimta labs ltd

TEST REPORT

Sr.No	Name of the Location	Date of Monitoring	L-day	L-night
			dB(A)	
1	Top of the Fire Station (Air Side)	03.03.2021	53.7	49.1
2	Top of SCADA Building	09.03.2021	56.5	50.9
3	Near Terminal-1 Building	17.03.2021	54.2	49.8
4	Near Terminal-2 Building	24.03.2021	54.1	50.9
Noise Standards			75.0	70.0

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SAMPLE PARTICULARS : STP OUTLET WASTEWATER

Frequency Of Sampling : One Grab sample in a Month
Month of Sampling : **MARCH 2021**
Quantity Collected for Analysis : 5 Liter
Type of Container used for sampling : HDPE Plastic Container-3 L
Amberlite Glass Container-2 L
Test Required : pH; Total Suspended Solids; Total Dissolved Solids; Total Nitrogen; Chemical
Oxygen Demand; Biological Oxygen Demand; Oil and Grease; and Ammonical
Nitrogen
Sample Collected On : 12.03.2021
Analysis Start Date : 15.03.2021
Analysis Completion Date : 20.03.2021
Sample collected by Vimta Labs Ltd.,

TEST REPORT

Sr.No	Parameters	Method Adopted	UoM	Results	CPCB Standard
1	pH	IS:3025 P-11	--	7.7	5.5 - 9.0
2	Total Suspended Solids	IS:3025 P-16	mg/L	46	100
3	Total Dissolved Solids	IS:3025 P-16	mg/L	481	2100
4	Total Nitrogen	APHA 4500-B	mg/L	2.9	10
5	Chemical Oxygen Demand	APHA 5220B	mg/L	141	250
6	Biological Oxygen Demand at 27°C, 3 days	IS:3025 P-44	mg/L	24	30
7	Oil and Grease	APHA 5520-C	mg/L	<1.0	10
8	Ammonical Nitrogen	APHA 4500-F	mg/L	<0.1	5

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SAMPLE PARTICULARS : Ground Water Sample at Pump House No.1 Near CCR Room for Terminal-I

Frequency Of Sampling : One Grab sample in a Quarter
Month of Sampling : **MARCH 2021**
Quantity Collected for Analysis : 5 Liter
Type of Container used for sampling : HDPE Plastic Container-3 L
Amberlite Glass Container-2 L
Test Required : As per IS 10500:2012
Sample Collected On : 22.03.2021
Analysis Start Date : 25.03.2021
Analysis Completion Date : 05.04.2021
Sample collected by Vimta Labs Ltd.,

TEST REPORT

Sr.No	Parameter	UoM	Method of Testing	Results	Limits as per IS 10500 : 2012
1	pH	--	IS 3025 (Part-11)	7.36	6.5-8.5 (NR)
2	Salinity	ppt	APHA 23 rd (2520B)	0.33	--
3	Conductivity	µs/cm	APHA 23 rd (2510B)	1162	--
4	Total Dissolved Solids	mg/l	IS 3025 (Part 16)	721	500(2000)
5	Carbonates as CaCO ₃	mg/l	IS 3025 (Part-23)	0	500(2000)
6	Bicarbonates as HCO ₃	mg/l	IS 3025 (Part-23)	168.2	200(600)
7	Chlorides as Cl	mg/l	IS 3025 (Part 32)	182.6	200(600)
8	Mercury as Hg	mg/l	APHA 23 rd 3125	<0.001	0.001(NR)
9	Arsenic as As	mg/l	APHA 23 rd 3125	<0.01	0.01(0.05)
10	Lead as Pb	mg/l	APHA 23 rd 3125	<0.01	0.01(NR)
11	Chromium as Cr	mg/l	APHA 23 rd 3125	<0.01	0.05(NR)
12	Cadmium as Cd	mg/l	APHA 23 rd 3125	<0.003	0.003(0.003)
13	Total Alkalinity as CaCO ₃	mg/l	IS 3025 (Part-23)	168.2	200(600)
14	Calcium as Ca	mg/l	IS 3025 (part	62.8	75(200)
15	Magnesium as Mg	mg/l	IS 3025 (Part	34.6	30(100)
16	Sodium as Na	mg/l	APHA 23 rd (3500 Na)	122.6	--
17	Potassium as K	mg/l	APHA 23 rd (3500 K)	7.8	--
18	Sulphates as SO ₄	mg/l	IS 3025 (part-24)	132.5	200(400)
19	Nitrates as NO ₃	mg/l	APHA 23 rd (4500)	0.52	45(NR)



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SAMPLE PARTICULARS : Ground Water Sample at Pump House No.1 Near CCR Room for Terminal-1

TEST REPORT

Sr.No	Parameter	UoM	Method of Testing	Results	Limits as per IS 10500 : 2012
20	Phosphates as PO ₄	mg/l	APHA 23 rd (4500 -P D)	<0.01	--
21	Barium as Ba	mg/l	APHA 23 rd 3125	0.21	0.7(NR)
22	Fluoride as F	mg/l	APHA 23 rd (4500)	0.52	1.0(1.5)
23	Cobalt as Co	mg/l	APHA 23 rd 3125	<0.01	--
24	Copper as Cu	mg/l	APHA 23 rd 3125	<0.01	0.05(1.5)
25	Manganese as Mn	mg/l	APHA 23 rd 3125	0.02	0.1(0.3)
26	Nickel as Ni	mg/l	APHA 23 rd 3125	<0.01	0.02(NR)
27	Total Hardness as CaCO ₃	mg/l	IS 3025 (Part-21)	299.4	200(600)
28	Iron as Fe	mg/l	APHA 23 rd 3125	0.06	1.0
29	Silica as SiO ₂	mg/l	APHA 23 rd (4500 - SiO ₂)	5.26	--


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SAMPLE PARTICULARS : Ground Water Sample at Pump House No.2 Near STP Plant for Terminal-I

Frequency Of Sampling : One Grab sample in a Quarter
Month of Sampling : MARCH 2021
Quantity Collected for Analysis : 5 Liter
Type of Container used for sampling : HDPE Plastic Container-3 L
Amberlite Glass Container-2 L
Test Required : As per Work Order
Sample Collected On : 22.03.2021
Analysis Start Date : 25.03.2021
Analysis Completion Date : 05.04.2021
Sample collected by Vimta Labs Ltd.,

TEST REPORT

Sr.No	Parameter	UoM	Method of Testing	Results	Limits as per IS 10500 : 2012
1	pH	--	IS 3025 (Part-11)	7.24	6.5-8.5 (NR)
2	Salinity	ppt	APHA 23 rd (2520B)	0.23	--
3	Conductivity	μs/cm	APHA 23 rd (2510B)	924	--
4	Total Dissolved Solids	mg/l	IS 3025 (Part 16)	614	500(2000)
5	Carbonates as CaCO ₃	mg/l	IS 3025 (Part-23)	0	500(2000)
6	Bicarbonates as HCO ₃	mg/l	IS 3025 (Part-23)	141.2	200(600)
7	Chlorides as Cl	mg/l	IS 3025 (Part 32)	125.6	200(600)
8	Mercury as Hg	mg/l	APHA 23 rd 3125	<0.001	0.001(NR)
9	Arsenic as As	mg/l	APHA 23 rd 3125	<0.01	0.01(0.05)
10	Lead as Pb	mg/l	APHA 23 rd 3125	<0.01	0.01(NR)
11	Chromium as Cr	mg/l	APHA 23 rd 3125	<0.01	0.05(NR)
12	Cadmium as Cd	mg/l	APHA 23 rd 3125	<0.003	0.003(0.003)
13	Total Alkalinity as CaCO ₃	mg/l	IS 3025 (Part-23)	141.2	200(600)
14	Calcium as Ca	mg/l	IS 3025 (part	51.2	75(200)
15	Magnesium as Mg	mg/l	IS 3025 (Part	24.5	30(100)
16	Sodium as Na	mg/l	APHA 23 rd (3500 Na)	102.5	--
17	Potassium as K	mg/l	APHA 23 rd (3500 K)	5.4	--
18	Sulphates as SO ₄	mg/l	IS 3025 (part-24)	106.5	200(400)
19	Nitrates as NO ₃	mg/l	APHA 23 rd (4500)	0.56	45(NR)
20	Phosphates as PO ₄	mg/l	APHA 23 rd (4500 -P D)	<0.01	--

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SAMPLE PARTICULARS : Ground Water Sample at Pump House No.2 Near STP Plant for Terminal-1

TEST REPORT

Sr.No	Parameter	UoM	Method of Testing	Results	Limits as per IS 10500 : 2012
21	Barium as Ba	mg/l	APHA 23 rd 3125	0.16	0.7(NR)
22	Fluoride as F	mg/l	APHA 23 rd (4500)	0.56	1.0(1.5)
23	Cobalt as Co	mg/l	APHA 23 rd 3125	<0.01	--
24	Copper as Cu	mg/l	APHA 23 rd 3125	<0.01	0.05(1.5)
25	Manganese as Mn	mg/l	APHA 23 rd 3125	<0.01	0.1(0.3)
26	Nickel as Ni	mg/l	APHA 23 rd 3125	<0.01	0.02(NR)
27	Total Hardness as CaCO ₃	mg/l	IS 3025 (Part-21)	228.8	200(600)
28	Iron as Fe	mg/l	APHA 23 rd 3125	0.08	1.0
29	Silica as SiO ₂	mg/l	APHA 23 rd (4500 – SiO ₂)	6.85	--

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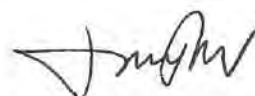
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SAMPLE PARTICULARS : Ground Water Sample at Pump House No.3 Near ATC building

Frequency Of Sampling : One Grab sample in a Quarter
Month of Sampling : **MARCH 2021**
Quantity Collected for Analysis : 5 Liter
Type of Container used for sampling : HDPE Plastic Container-3 L
Amberlite Glass Container-2 L
Test Required : As per IS 10500:2012
Sample Collected On : 22.03.2021
Analysis Start Date : 25.03.2021
Analysis Completion Date : 05.04.2021
Sample collected by Vimta Labs Ltd.,

TEST REPORT

Sr.No	Parameter	UoM	Method of Testing	Results	Limits as per IS 10500 : 2012
1	pH	--	IS 3025 (Part-11)	7.41	6.5-8.5 (NR)
2	Salinity	ppt	APHA 23 rd (2520B)	0.28	--
3	Conductivity	µs/cm	APHA 23 rd (2510B)	821	--
4	Total Dissolved Solids	mg/l	IS 3025 (Part 16)	528	500(2000)
5	Carbonates as CaCO ₃	mg/l	IS 3025 (Part-23)	0	500(2000)
6	Bicarbonates as HCO ₃	mg/l	IS 3025 (Part-23)	134.2	200(600)
7	Chlorides as Cl	mg/l	IS 3025 (Part 32)	152.4	200(600)
8	Mercury as Hg	mg/l	APHA 23 rd 3125	<0.001	0.001(NR)
9	Arsenic as As	mg/l	APHA 23 rd 3125	<0.01	0.01(0.05)
10	Lead as Pb	mg/l	APHA 23 rd 3125	<0.01	0.01(NR)
11	Chromium as Cr	mg/l	APHA 23 rd 3125	<0.01	0.05(NR)
12	Cadmium as Cd	mg/l	APHA 23 rd 3125	<0.003	0.003(0.003)
13	Total Alkalinity as CaCO ₃	mg/l	IS 3025 (Part-23)	134.2	200(600)
14	Calcium as Ca	mg/l	IS 3025 (part	49.2	75(200)
15	Magnesium as Mg	mg/l	IS 3025 (Part	20.2	30(100)
16	Sodium as Na	mg/l	APHA 23 rd (3500 Na)	87.8	--
17	Potassium as K	mg/l	APHA 23 rd (3500 K)	9.384	--
18	Sulphates as SO ₄	mg/l	IS 3025 (part-24)	48.8	200(400)
19	Nitrates as NO ₃	mg/l	APHA 23 rd (4500)	0.44	45(NR)
20	Phosphates as PO ₄	mg/l	APHA 23 rd (4500 -P D)	<0.01	--



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SAMPLE PARTICULARS : **Ground Water Sample at Pump House No.3 Near ATC building**

TEST REPORT

Sr.No	Parameter	UoM	Method of Testing	Results	Limits as per IS 10500 : 2012
21	Barium as Ba	mg/l	APHA 23 rd 3125	0.19	0.7(NR)
22	Fluoride as F	mg/l	APHA 23 rd (4500)	0.44	1.0(1.5)
23	Cobalt as Co	mg/l	APHA 23 rd 3125	<0.01	--
24	Copper as Cu	mg/l	APHA 23 rd 3125	<0.01	0.05(1.5)
25	Manganese as Mn	mg/l	APHA 23 rd 3125	<0.01	0.1(0.3)
26	Nickel as Ni	mg/l	APHA 23 rd 3125	<0.01	0.02(NR)
27	Total Hardness as CaCO ₃	mg/l	IS 3025 (Part-21)	206.1	200(600)
28	Iron as Fe	mg/l	APHA 23 rd 3125	0.11	1.0
29	Silica as SiO ₂	mg/l	APHA 23 rd (4500 – SiO ₂)	4.62	--

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**ISSUED TO:**

**M/S.ADANI LUCKNOW INTERNATIONAL AIRPORT
LIMITED.,
(CHAUDHARY CHARAN SINGH INTERNATIONAL
AIRPORT), AMAUSI, LUCKNOW,
UTTAR PRADESH-226009**

Report Number : VLL/VLS/21/00073/010
Issued Date : 2021.04.05
P. Order Ref : 5700291869
P.O. Date : 13.10.2020

Page 1 of 2

SAMPLE PARTICULARS : Ground Water Sample at Pump House No.4 Near DGCA Building

Frequency Of Sampling : One Grab sample in a Quarter
Month of Sampling : **MARCH 2021**
Quantity Collected for Analysis : 5 Liter
Type of Container used for sampling : HDPE Plastic Container-3 L
Amberlite Glass Container-2 L
Test Required : As per IS 10500:2012
Sample Collected On : 22.03.2021
Analysis Start Date : 25.03.2021
Analysis Completion Date : 05.04.2021
Sample collected by Vimta Labs Ltd.,

TEST REPORT

Sr.No	Parameter	UoM	Method of Testing	Results	Limits as per IS 10500 : 2012
1	pH	--	IS 3025 (Part-11)	7.68	6.5-8.5 (NR)
2	Salinity	ppt	APHA 23 rd (2520B)	0.39	--
3	Conductivity	µs/cm	APHA 23 rd (2510B)	1184	--
4	Total Dissolved Solids	mg/l	IS 3025 (Part 16)	711	500(2000)
5	Carbonates as CaCO ₃	mg/l	IS 3025 (Part-23)	0	500(2000)
6	Bicarbonates as HCO ₃	mg/l	IS 3025 (Part-23)	167.2	200(600)
7	Chlorides as Cl	mg/l	IS 3025 (Part 32)	216.5	200(600)
8	Mercury as Hg	mg/l	APHA 23 rd 3125	<0.001	0.001(NR)
9	Arsenic as As	mg/l	APHA 23 rd 3125	<0.01	0.01(0.05)
10	Lead as Pb	mg/l	APHA 23 rd 3125	<0.01	0.01(NR)
11	Chromium as Cr	mg/l	APHA 23 rd 3125	<0.01	0.05(NR)
12	Cadmium as Cd	mg/l	APHA 23 rd 3125	<0.003	0.003(0.003)
13	Total Alkalinity as CaCO ₃	mg/l	IS 3025 (Part-23)	167.2	200(600)
14	Calcium as Ca	mg/l	IS 3025 (part	72.3	75(200)
15	Magnesium as Mg	mg/l	IS 3025 (Part	31.2	30(100)
16	Sodium as Na	mg/l	APHA 23 rd (3500 Na)	125.2	--
17	Potassium as K	mg/l	APHA 23 rd (3500 K)	11.03	--
18	Sulphates as SO ₄	mg/l	IS 3025 (part-24)	104.2	200(400)
19	Nitrates as NO ₃	mg/l	APHA 23 rd (4500)	0.62	45(NR)
20	Phosphates as PO ₄	mg/l	APHA 23 rd (4500 -P D)	<0.01	--

Dr. SubbaReddy Mallampati
Group Leader-Environment

Life Sciences Campus, # 5, MN Science & Technology Park, Genome Valley, Shamirpet, Hyderabad - 500 101, Telangana, India
T : +91 40 6740 4040 E : mdoffice@vimta.com URL : www.vimta.com

CIN : L24110TG1990PLC011977

Vimta Labs Limited

Registered Office
142, IDA Phase II, Cherlapally
Hyderabad-500 051, Telangana, India
T : +91 40 2726 4141
F : +91 40 2726 3657

**ISSUED TO:**

M/S.ADANI LUCKNOW INTERNATIONAL AIRPORT
LIMITED.,
(CHAUDHARY CHARAN SINGH INTERNATIONAL
AIRPORT), AMAUSI, LUCKNOW,
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Page 2 of 2

SAMPLE PARTICULARS : **Ground Water Sample at Pump House No.4 Near DGCA Building**

TEST REPORT

Sr.No	Parameter	UoM	Method of Testing	Results	Limits as per IS 10500 : 2012
21	Barium as Ba	mg/l	APHA 23 rd 3125	0.026	0.7(NR)
22	Fluoride as F	mg/l	APHA 23 rd (4500)	0.62	1.0(1.5)
23	Cobalt as Co	mg/l	APHA 23 rd 3125	<0.01	--
24	Copper as Cu	mg/l	APHA 23 rd 3125	<0.01	0.05(1.5)
25	Manganese as Mn	mg/l	APHA 23 rd 3125	<0.01	0.1(0.3)
26	Nickel as Ni	mg/l	APHA 23 rd 3125	<0.01	0.02(NR)
27	Total Hardness as CaCO ₃	mg/l	IS 3025 (Part-21)	309.1	200(600)
28	Iron as Fe	mg/l	APHA 23 rd 3125	0.06	1.0
29	Silica as SiO ₂	mg/l	APHA 23 rd (4500 – SiO ₂)	8.46	--

Dr. Subba Reddy Mallampati
Group Leader-Environment

Life Sciences Campus, # 5, MN Science & Technology Park, Genome Valley, Shamirpet, Hyderabad - 500 101, Telangana, India
T : +91 40 6740 4040 E : mdoffice@vimta.com URL : www.vimta.com

CIN : L24110TG1990PLC011977

ANNEXURE - 7

To,
Member Secretary (Infra-II)
The Ministry of Environment, Forest & Climate Change
Indira Paryavaran Bhavan,
Jor Bagh Road,
New Delhi-110003.

Subject: Application for EC transfer for "Construction of new Integrated terminal building and allied facilities" at Guraura, Aurangabad Zagir and Bhaktikhera Villages, District Lucknow, Uttar Pradesh from Airports Authority of India (AAI) to Adani Lucknow International Airport Limited (ALIAL)

Reference: Environment Clearance vide F. No. 10-47/2017-IA.III, dtd 26th Sept. 2018

Dear Sir,

This application has reference to the Concession Agreement signed on 14th February 2020 for Operation, Maintenance, Management & Development of Chaudhary Charan Singh International Airport Lucknow between Airports Authority of India (AAI) and Adani Lucknow International Airport Limited (ALIAL). As per the above said Concession Agreement, with effect from the Commercial Operation Date (COD) i.e. 2nd November 2020, ALIAL is responsible to comply to all the applicable conditions, as stipulated under the issued Environmental Clearance for new Integrated terminal building and allied facilities issued by Ministry of Environment Forest & Climate Change, New Delhi (MoEF&CC) vide dtd. 26th Sept. 2018.

Under the purview of EIA Notification, 2006, amended till date, paragraph 11, we would request for transfer of above said Environment Clearance for construction of new Integrated terminal building and allied facilities in favour of Adani Lucknow International Airport Limited (ALIAL) from Airport Authority of India (AAI). Form -7, along with the required documents are being submitted, as a part of the application.

In view of above, requested to kindly consider transfer of Environment Clearance in name of Adani Lucknow International Airport Limited (ALIAL).

Thanking you.

Yours Sincerely
For Adani Lucknow International Airport Limited,



Suresh Chandra Hota
Chief Airport Officer



From: monitoring-ec@nic.in
Sent: Monday, May 3, 2021 1:00 PM
To: lk.bokolia@nic.in; Kriti Jain
Cc: arvind.nautiyal@gov.in; shard.sapra@nic.in; mefcc.ia3@gmail.com; monitoring-ec@nic.in
Subject: Acknowledgement Slip for Transfer of EC application

***CAUTION:** This mail has originated from outside Adani. Please exercise caution with links and attachments.*

Acknowledgement Slip for Transfer of EC application

This is to acknowledge that the proposal has been successfully uploaded on the portal of the Ministry. The proposal shall be examined in the Ministry to ensure that required information has been submitted. An email will be sent seeking additional information, if any, within 20 working days. Once verified, an acceptance letter shall be issued to the project proponent.

Following should be mentioned in further correspondence

- 1. Proposal No.** : IA/UP/MIS/209817/2021
- 2. Category of the Proposal** : MIS
- 3. Name of the Proposal** : Expansion of Lucknow Airport in respect of construction of new integrated terminal building and allied facilities at Guraura, Aurangabad Zagir and Bhaktikhera Villages, Lucknow District, Lucknow (U.P.)
- 4. Date of Submission for EC** : 20 Apr 2021
- 5. Name of the Project Proponent along with Contact Details**
 - a) Name of the proponent** : ADANI LUCKNOW INTERNATIONAL AIRPORT LTD
 - b) State** : Uttar Pradesh
 - c) District** : Lucknow
 - d) Pincode** : 226009

ANNEXURE - 8

1925
29/10/19

GOVERNMENT OF INDIA
CIVIL AVIATION DEPARTMENT

OFFICE OF THE
DIRECTOR GENERAL OF CIVIL AVIATION
OPP. SAFDARJUNG AIRPORT, NEW DELHI 03

TELEFAX: 091-011-24641435 TELEX: 31-74127
EPBX :24622495/ Ext.306 Telegram: "AIRCIVIL."



Reference No.:
Dated:

भारत सरकार
नागर विमानन विभाग
महानिदेशक नागर विमानन का कार्यालय
साफदरजंग एयरपोर्ट के सामने
नई दिल्ली - ११० ००३

संख्या : AV.20025/17/2006-AL
दिनांक : 15.10.2019

The Chairman,
Airports Authority of India,
Rajiv Gandhi Bhawan,
New Delhi- 110003

{Kind attn: Sh. A K Agrawal, ED (Aerodrome Licensing)}

Sub: Renewal of Aerodrome License: Lucknow Airport

Sir,

Please refer to your letter no. AAI vide letter no. AAI/AL/30-23/Lucknow/2018/957 dated 21-08-2019 along with application / documents for renewal of aerodrome license of Lucknow airport.

The documents submitted by AAI have been examined by this office and competent authority has approved for renewal of Aerodrome license no. AL/Public/013 in respect of Lucknow airport for a period of two year w.e.f. 16.10.2019 to 15.10.2021 with the same terms and conditions as mentioned in Annexure-1 to the Aerodrome license.

AAI is advised to strict adherence of revised timelines in respect of pending projects to avoid operational restrictions of aerodromes.

Aerodrome license original copy along with Annexure I is forwarded herewith as attachment to this letter.

Kindly acknowledge the receipt of Aerodrome License.

Yours faithfully,

Amit Srivastava

Deputy Director of Operations (Aero-Stds)
for Director General of Civil Aviation.

Encl: Aerodrome License

Copy to: Airport Director, AAI, CCS International Airport, Lucknow -226009

JGM (ATC)

29/10/19



सत्यमेव जयते

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

File No. AV.20025/17/06 -AL
License No. AL/Public/ 013

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

Lucknow Airport, Lucknow

(Name & Place of Aerodrome)

Latitude 26° 45' 42.9" N, Longitude 80° 53' 0.7" E (WGS-84)

the details of the aerodrome 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 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: 16th April, 2007
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 authorised 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. are 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 3 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.

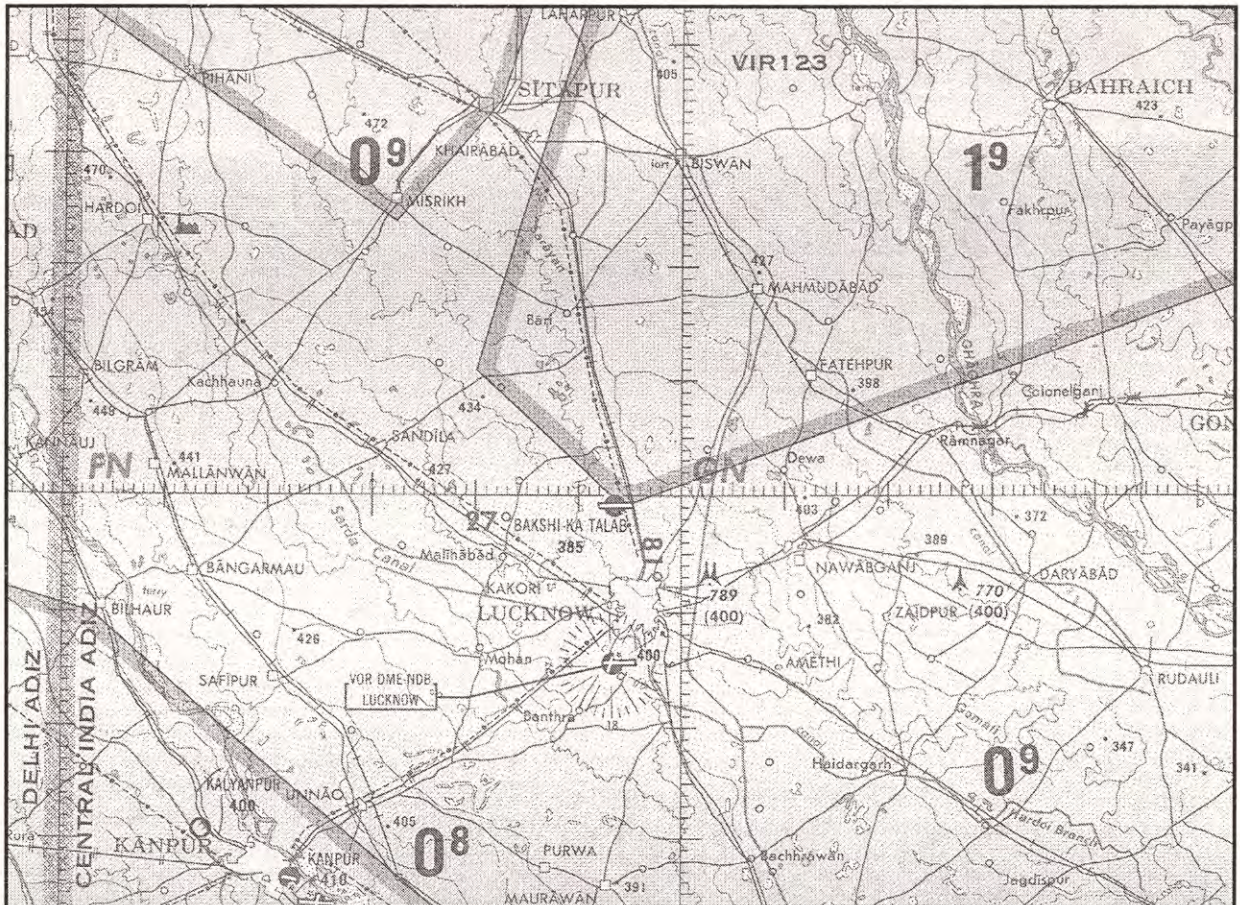
15. The aerodrome is licensed for use in IFR (All weather) / ~~VFR (Day)~~ conditions.

16. Any other conditions : -

i) Provisional license issued for six (6) months. Actions required to be completed by the licensee for consideration of extension of license validity are contained in Annexure – I, hereto.



Map showing exact location of aerodrome.



SCHEDULE-II

VALIDITY OF THE LICENSELucknow Airport, Lucknow

(Name & Place of Aerodrome)

FROM	TO	SIGNATURE
16-04-2007	15-10-2007 (Provisional)	<i>Robam</i> डा.जी.सी.पी. नई दिल्ली
16.10.2007	15.10.2009	नागर विमानन महानिदेशालय भारत % Director General of Civil Aviation India <i>Narain</i>
16.10.2009	15.10.2011	नागर विमानन महानिदेशालय भारत % Director General of Civil Aviation India <i>Narain</i>
16.10.2011	15.10.2013	नागर विमानन महानिदेशालय भारत % Director General of Civil Aviation India <i>Narain</i>
16 OCT 2013	15 OCT 2015	नागर विमानन महानिदेशालय भारत % Director General of Civil Aviation India <i>Shankar</i> 10/10/13
16 OCT 2015	15 OCT 2017	महानिदेशक नागर विमानन भारत Director General of Civil Aviation India
16 OCT 2015	15 OCT 2016	महानिदेशक नागर विमानन भारत Director General of Civil Aviation India <i>Shankar</i>
16 OCT 2016	15 OCT 2017	महानिदेशक नागर विमानन भारत Director General of Civil Aviation India <i>Lu</i>
16 OCT 2017	15 OCT 2019	महानिदेशक नागर विमानन भारत Director General of Civil Aviation India <i>Shankar</i>
16 OCT 2019	15 OCT 2021	महानिदेशक नागर विमानन भारत Director General of Civil Aviation India <i>Shankar</i>

ANNEXURE - 9



UTTAR PRADESH POLLUTION CONTROL BOARD

Validity Period :30/01/2019 To 30/01/2024

Ref No. -
36083/UPPCB/Lucknow(UPPCBRO)/CTE/LUCKNOW/2018

Dated:- 01/02/2019

To ,

Shri HEM CHANDRA PANT

M/s CONSTRUCTION OF NEW INTEGRATED TERMINAL BUILDING AND ALLIED
FACILITIES AT CHAUDHARY CHARAN SINGH INTERNATIONAL AIRPORT LUCKNOW UTTAR
PRADESH

The proposed project is expansion of existing Lucknow Airport on existing land of Airports
Authority of India., LUCKNOW, 226001
LUCKNOW

Sub : Consent to Establish for New Unit/Expansion/Diversification under the provisions of
Water (Prevention and control of pollution) Act, 1974 as amended and Air (Prevention
and control of Pollution) Act, 1981 as amended.

Please refer to your application form no 3371153 dated - 30/10/2018 .After examining the
application with respect to pollution angle, Consent to Establish is granted subject to the compliance of
following conditions :

1. Consent to Establish is being issued for following specific details :

A- Site along with geo-coordinates :

B- Main Raw Material :

Main Raw Material Details		
Name of Raw Material	Raw Material Unit Name	Raw Material Quantity
Bricks	Numbers/Month	3256137
Sand	Cubic Meters/Day	113178
Cement	Metric Tonnes/Month	44912.25
Aggregates	Cubic Meters/Month	84884
Reinforcement Steel	Metric Tonnes/Month	18872

C- Product with capacity :

Product Detail	
Name of Product	Product Quantity
NA (Construction Project)	

D- By-Product if any with capacity :

By Product Detail			
Name of By Product	Unit Name	Licence Product Capacity	Install Product Capacity

E: Water Requirement (in KLD) and its Source :

Source of Water Details		
Source Type	Name of Source	Quantity (KL/D)
Ground Water (within premises)	Bore well	1245.0

F. Quantity of effluent (In KLD) :

Effluent Details	
Source Consumption	Quantity (KL/D)
Domestic	1953.0

G- Fuel used in the equipment/machinery Name and Quantity (per day) :

Fuel Consumption Details		
Fuel	Consumption(tpd/kld)	Use
Diesel	2	DG Sets

For any change in above mentioned parameters, it will be mandatory to obtain Consent to Establish again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.

- You are directed to furnish the progress of Establishment of plant and machinery, green belt, Effluent Treatment Plant and Air pollution control devices, by 10th day of completion of subsequent quarter in the Board.
- Copy of the work order/purchase order, regarding instruction and supply of proposed Effluent Treatment Plant/Sewerage Treatment Plant /Air Pollution control System shall be submitted by the industry till 30/01/2024 to the Board.
- Industry will not start its operation, unless CTO is obtained under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and control of Pollution) Act, 1981 from the Board.
- It is mandatory to submit Air and Water consent Application, complete in all respect, four months before start of operation, to the U.P. Pollution Control Board.
- Legal action under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 may be initiated against the industry With out any prior information, in case of non compliance of above conditions.
- Bank details.

Bank Fee Details				
Bank Name	Branch Name	Draft No./Money Receipt No	Date	Rupees

Specific Conditions:

- 1- This consent to establish is valid for the Construction of the New Integrated Terminal Building and Allied Facilities of Chaudhary Charan Singh International Airport at Village-Guraura, Aurangabad, Zagir and Bhaktikera, Lucknow.
- 2- The project shall comply with the provisions of Environment (Protection) Act 1986, Water (Prevention and Control of Pollution) Act, 1974 as amended, Air (Prevention and Control of Pollution) Act, 1981 as amended, Plastic Waste Management Rules 2016, E- Waste (Management) Rules 2016, Solid Waste Management Rules 2016 & Hazardous and other Waste (Management and Transboundary Movement) Rules 2016 (Whichever is applicable).
- 3- The project shall comply with the provisions of Construction and Demolition Waste Management Rules, 2016.
- 4- At the project site a display board size 4x6 feet shall be installed to display the provisions of Construction and Demolition Rules 2016.
- 5- Project shall dispose the hazardous waste through authorized recyclers/TSDF.
- 6- Industry shall obtain permission from CGWA for withdrawal of ground water within 03 months and submit it to the Board.
- 7- Project shall install Sewage Treatment Plant (STP) of capacity 1950 KLD in such a manner so that it can achieve the standard specified in the notification issued by Ministry of Environment, Forest & Climate Change vide GSR 1265 (E) dated 13-10-2017 in the time period as specified in the notification & treated water shall be used in flushing/horticulture/cooling etc.
- 8- Project shall ensure plantation of aromatic species with broad leaf nearby the area of STP.
- 9- The project proponent shall comply with the conditions imposed in the EC issued by Government of India Ministry of Environment, Forest and Climate Change vide F.No.- 10-47/2017-IA-III dated 26.09.2018.
- 10- Industry shall develop green belt as per the protocol attached with the Board's office order no. H16405/220/2018/02 dated 16-02-2018 which is available on board's website.
- 11- The project proponent shall ensure to provide the proper exhaust from roof level along with acoustic enclosures on DG sets (5X 750 KVA and 4x320 KVA) as per prescribed standards.
- 12- Project shall not start gaseous emission & sewage generation without obtaining CTO (Air and Water) from the Board.
- 13- All construction activities shall be according to authority guidelines.
- 14- The dust emission from the construction sites shall be completely controlled and all precautions will be taken in that behalf.
- 15- All approach roads & in campus roads should be sprinkled with water to suppress the dust emission.
- 16- Storage of any construction material particularly sand shall not be done on any space outside the project area.
- 17- The construction material of any kind stored on site shall be fully covered in all respect so that it does not disperse in the air in any form. The dust emission from the construction sites shall be completely controlled and all precautions will be taken in that behalf.
- 18- All the construction material & debris shall be carried in trucks or vehicles which are fully covered and protected so as to ensure that the construction debris or construction material does not get dispersed into the air or atmosphere in any form whatsoever.
- 19- The project shall ensure to provide the proper Wind breaking wall constructed around the construction site.

Source of Water Details		
Source Type	Name of Source	Quantity (KL/D)
Ground Water (within premises)	Bore well	1245.0

F. Quantity of effluent (In KLD) :

Effluent Details	
Source Consumption	Quantity (KL/D)
Domestic	1953.0

G- Fuel used in the equipment/machinery Name and Quantity (per day) :

Fuel Consumption Details		
Fuel	Consumption(tpd/kld)	Use
Diesel	2	DG Sets

For any change in above mentioned parameters, it will be mandatory to obtain Consent to Establish again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.

- You are directed to furnish the progress of Establishment of plant and machinery, green belt, Effluent Treatment Plant and Air pollution control devices, by 10th day of completion of subsequent quarter in the Board.
- Copy of the work order/purchase order, regarding instruction and supply of proposed Effluent Treatment Plant/Sewerage Treatment Plant /Air Pollution control System shall be submitted by the industry till 30/01/2024 to the Board.
- Industry will not start its operation, unless CTO is obtained under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and control of Pollution) Act, 1981 from the Board.
- It is mandatory to submit Air and Water consent Application, complete in all respect, four months before start of operation, to the U.P. Pollution Control Board.
- Legal action under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 may be initiated against the industry With out any prior information, in case of non compliance of above conditions.
- Bank details.

Bank Fee Details				
Bank Name	Branch Name	Draft No./Money Receipt No	Date	Rupees

Specific Conditions:

ANNEXURE - 10



Adani Lucknow International Airport
Limited (ALIAL)

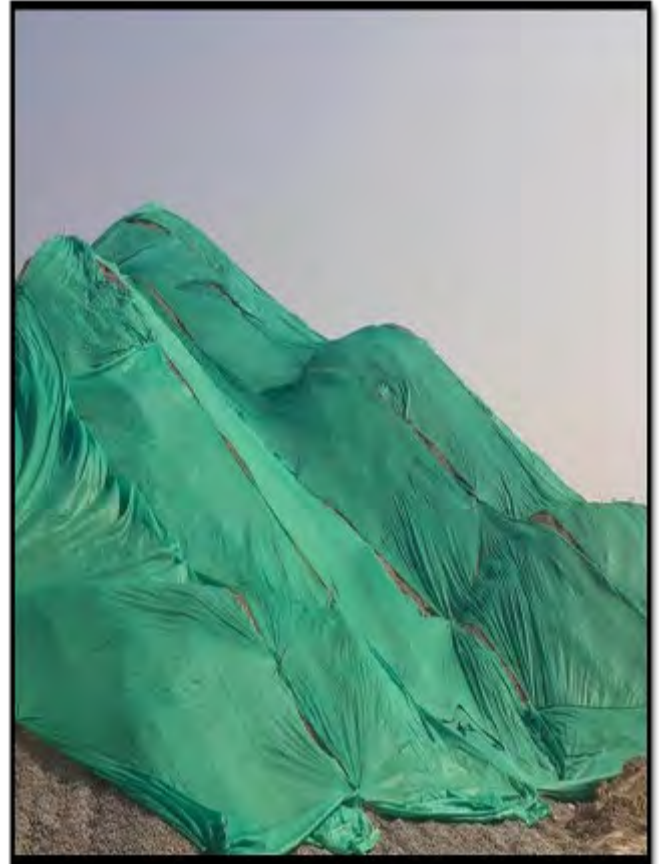
From : Oct'20
To : Mar'21

Annexure 10 – Photographs showing Environment Management at Construction Sites



Barricading arrangements

Annexure 10 – Photographs showing Environment Management at Construction Sites



Construction Materials covered

Annexure 10 – Photographs showing Environment Management at Construction Sites



Tyre Washing and Vehicle carrying covered Construction Material



Vehicle carrying covered Construction Material

Annexure 10 – Photographs showing Environment Management at Construction Sites



Water sprinkling at Regular intervals

Annexure 10 – Photographs showing Environment Management at Construction Sites



Top soil preservation & Paved surface

Annexure 10 – Photographs showing Environment Management at Construction Sites



Solid waste management at site




DG Set provided with enclosures and regular Monitoring being carried out

Annexure 10 – Photographs showing Environment Management at Construction Sites




Dust collectors/Dust filter provided with cellos of batching plant to protect air pollution


ANNEXURE – 11

	Adani Lucknow International Airport Limited (ALIAL)	From : Oct'20 To : Mar'21
Annexure 11 - Compliance to the applicable points of MoEF&CC GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities		

Sr. No.	Conditions	Compliance Status as on 31 st March 2021
106 Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance:		
	No building or infrastructure project requiring Environmental Clearance shall be implemented without approved Environmental Management Plan inclusive of dust mitigation measures.	Complied Environment Management Plan has been prepared for both construction and Operation phase, as a part of Environment Clearance process. Environment Clearance has been received vide dtd. 26-Sept-2018. Environment Management plan for construction phase is being implemented at site.
i.	Roads leading to or at construction sites must be paved and blacktopped (i.e. metallic roads).	Complied Roads leading to the construction sites are well paved. Photograph showing environment management measures during construction phase, are attached as Annexure 10
ii.	No excavation of soil shall be carried out without adequate dust mitigation measures in place.	Complied Regular Water sprinkling is done to minimize the dust emission from the excavation, levelling, transportation and stockpiling activities. Photograph showing environment management measures during construction phase, are attached as Annexure 10
iii.	No loose soil or sand or Construction & Demolition Waste or any other construction material that causes dust shall be left uncovered.	Complied All the waste generated are stored at designated place within the site. Construction and Demolition waste generated are being used in filling low lying areas

	Adani Lucknow International Airport Limited (ALIAL)	From : Oct'20 To : Mar'21
Annexure 11 - Compliance to the applicable points of MoEF&CC GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities		

		Photograph showing environment management measures during construction phase, are attached as Annexure 10
iv.	Wind-breaker of appropriate height i.e. 1/3rd of the building height and maximum up to 10 meters shall be provided.	Barricading has been provided along the construction site. Photograph showing environment management measures during construction phase, are attached as Annexure 10
v.	Water sprinkling system shall be put in place.	Complied Regular Water sprinkling is done to minimize the dust emission from the excavation, levelling, transportation and stockpiling activities. Photograph showing environment management measures during construction phase, are attached as Annexure 10
107. Mandatory Implementation of Dust Mitigation Measures for all Construction and Demolition Activities:		
I	Grinding and cutting of building materials in open area shall be prohibited.	Complied No grinding cutting activities are being carried out in open areas.
li	Construction material and waste should be stored only within earmarked area and road side storage of construction material and waste shall be prohibited.	Complied All the waste generated are stored at designated place within the site and Construction and Demotion waste generated are being used in filling low lying areas Photograph showing environment management measures during construction phase, are attached as Annexure 10
lii	No uncovered vehicles carrying construction material and waste shall be permitted.	Complied All the vehicles delivering materials to the site are covered using impervious sheet to avoid spillage of material/dust.

	Adani Lucknow International Airport Limited (ALIAL)	From : Oct'20 To : Mar'21
Annexure 11 - Compliance to the applicable points of MoEF&CC GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities		

		Photograph showing environment management measures during construction phase, are attached as Annexure 10
iv	Construction and Demolition Waste processing and disposal site shall be identified and required dust mitigation measures be notified at the site.	Complied Construction and Demotion waste generated are being used in filling low lying areas Photograph showing environment management measures during construction phase, are attached as Annexure 10

ANNEXURE - 12



DELHI TEST HOUSE[®]

A-62/3, G.T. Karnal Road, Industrial Area, Opp. Hans Cinema, Azadpur, Delhi-110 033 (INDIA)
Phone : +91-11-47075555 (30 Lines) Fax : +91-11-47075550
e-mail : info@delhitesthouse.com



ESTD. 1975

Issued to:

M/s NCC Ltd.,

C.C.S International Airport Lucknow (U.P.)

QR-0302

Report No. : 2512210217ENV/GEN11510

Date of Issue : 20.02.2021

Date of Receipt : 17.02.2021

Party Ref No. : NCC/AAI-ALIAI-1 KO/23/2020-21

Letter Date : 13.02.2021

Sample Description:- Ambient Noise Monitoring.

Mark:- Construction of new Integrated Passenger Terminal Building at CCS International Airport, Lucknow Environmental Test of Site-Reg

TEST REPORT

GENERAL INFORMATION

1. Name & Address of the Industry : M/S NCC Ltd., New Integrated Passenger Terminal Building at C.C.S International Airport Lucknow (U.P.).
2. Location of Sampling Point : Inside of Departure Zone
3. Date of Monitoring : 06.02.2021
4. Representative Unit : Mr. Ravindra Singh
5. Time of Monitoring : 1:15 PM

Sl. No.	Location	Noise Level Leq. (dbA)	CPCB Std. (Day Time)
1.	Inside of Department Zone	72.8	75 Max (Day Time)

Note- The Above result only indicate the value of Different Parameter as observed at the time of Monitoring.
Any deviation from the standard test method/specification- Nil

Date of Start of Testing : 17.02.2021

Date of Completion of Testing : 20.02.2021

G.D. GOEL

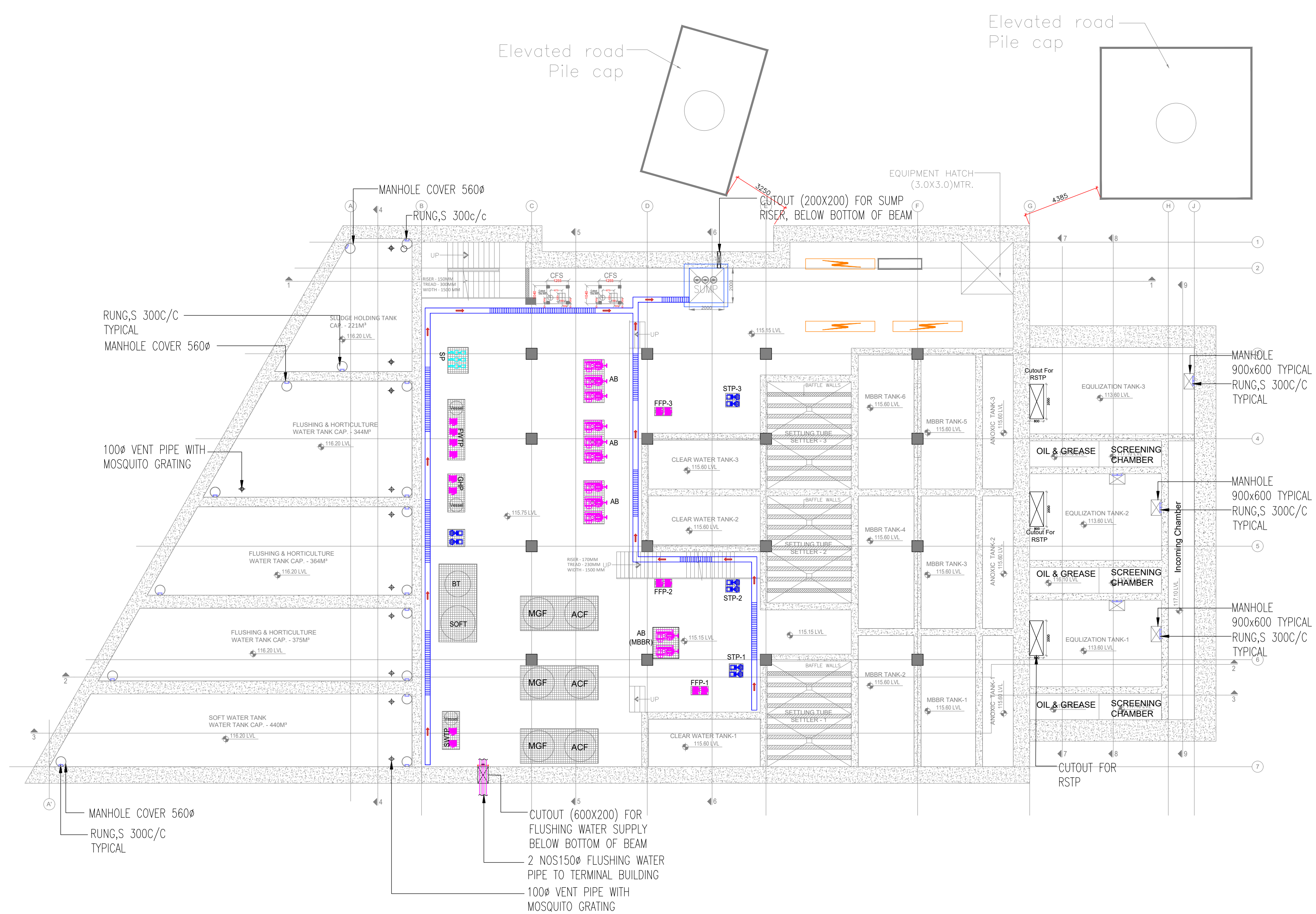
Authorised Signatory - Director

Director-Tech

ISO - 9001 : 2015 CERTIFIED LABORATORY

Other Lab : Plot No. 50 & 65, Phase - IV, Sector-57, HSIDC Industrial Area, Behind Parnami Hospital, Kundli, Sonapat-131028 (Haryana)

ANNEXURE - 13



SYMBOL	DESCRIPTION
SFP	SOFTNER FEED PUMP
FFP	FILTER FEED PUMP
SLP	SLUDGE LOADING PUMP
SRP	SLUDGE RETERN PUMP
FWSP	FLUSHING WATER SUPPLY PUMP
SSP	SOFT WATER SUPPLY PUMP
GHP	GARDENHYDRANT PUMP
AB	AIR BLOWER
ACF	ACTIVATED CARBON FILTER
DMF	DUAL MEDIA FILTER
SOF	SOFTNER
RSP	RAW SEWERAGE RE-LIFT PUMP FOR COLLECTION TANK
UV	DISINFECTION SYSTEM FOR FLUSHING WATER SUPPLY
CNT	CENTRIFUGE
DS	DOSING SYSTEM
SUMP	PLANT ROOM DRAINAGE SUMP

KEY PLAN:

THIS DRAWING IS THE PROPERTY OF MS EGIS INDIA CONSULTING ENGINEERS PVT. LTD. & NO PART OF THIS DRAWING MAY BE USED OR REPRODUCED IN ANY MANNER, STORED IN A RETRIEVAL SYSTEM OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC, MECHANICAL, PHOTOCOPYING, RECORDING OR OTHERWISE, EXCEPT FOR THE RELATED PROJECT, WITHOUT THE WRITTEN PERMISSION OF MS EGIS INDIA CONSULTING ENGINEERS PVT. LTD.

GENERAL NOTES -

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. DIMENSIONS ARE TO BE READ & NOT SCALED.
3. ALL LEVELS MENTIONED SHALL BE FINISHED LEVELS UNLESS OTHERWISE NOTED.
4. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH OTHER RELEVANT ARCHITECTURAL, STRUCTURAL & SERVICES DRAWINGS ALONG WITH SPECIFICATIONS.
5. ALL DIMENSIONS MUST BE VERIFIED ON SITE BEFORE COMMENCING ANY WORK OR PREPARING ANY SHOP DRAWINGS. IN CASE OF ANY DISCREPANCY, THE SAME SHOULD BE BROUGHT TO THE NOTICE OF THE ARCHITECT & GOT CLARIFIED BEFORE EXECUTION OF WORK.

REVISIONS

NO.	DESCRIPTION	DATE	BY
R1	REVISED STP LAYOUT	10-08-2020	MKG
R0	ISSUE FOR GFC	30-01-2019	MKG

PROJECT

CONSTRUCTION OF NEW INTEGRATED PASSENGER TERMINAL BUILDING AT C.C.S. INTERNATIONAL AIRPORT, LUCKNOW

CLIENT

AIRPORTS AUTHORITY OF INDIA

CONSULTANT / CLIENTS' REPRESENTATIVE

egis India
Consulting engineers pvt. ltd.
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MKG CONSULTANTS
CONSULTING ENGINEERS BASEMENT
A-8 PARKWAY COMPLEX
INDRA GANDHI NATIONAL OPEN UNI. RD.
NEW DELHI- 110 030, INDIA
PHONE: 011-29632257 - 29632720

	NAME	SIGNATURE	DATE
APPROVED	M.K.GUPTA		10-08-2020
CHECKED	N.GUPTA		10-08-2020
DESIGNED	S.SHUKLA		10-08-2020
DRAWN	PARVESH		10-08-2020

GOOD FOR CONSTRUCTION

TITLE:

SEWERAGE TREATMENT PLANT LAYOUT

DRG. NO.:	LKO_WD_I_PL_0200_DW_4031
SCALE	1:125@A1
DATE	10-08-2020
REV.	R1
SHEET	1 OF 1

ANNEXURE - 14

Project: New Integrated Passenger Terminal Building at CCS International Airport, Lucknow

Waste Management Plan

SR NO	Type of Waste	Waste Source	Strategy Used				Segration	Labeling	Disposal procedure	LEGAL REQUIREMENT	Status of legal requirement	FREQUENCY OF DISPOSAL	Remark
			Reduce	Reuse	Recycle	Other							
1	Food	<ul style="list-style-type: none"> Canteen Project Office Site office Other offices Dining Hall Designated eating place at Workplace 	<ul style="list-style-type: none"> Encourage workmen not to waste food. Serve the food in Eatable quantity. Display adequate posters for waste reduction 	NA	NA		<ul style="list-style-type: none"> Provide adequate size & no of bins for collection of food waste Ensure the bin is kept in hygienic condition. Preferably the bin is provided with lid to prevent pest formation. 	<ul style="list-style-type: none"> Display “Food Waste” on the side of bin Colour of bin : Green 	<ul style="list-style-type: none"> Empty the bin daily basis. Never allow accumulation of food waste. The bin to be emptied at all locations including basement, roof top etc. Fix the agency to remove the food waste. Ensure the agency not disposing the food waste except sanitary landfill area approved by local authority. 	The municipal Solid Waste(Management & Handling) rules 2000.		As per requirement	
2	Paper	<ul style="list-style-type: none"> Project Office Site office Other offices 	<ul style="list-style-type: none"> Think twice before taking print out. Encourage double side printing and also make it default option in the printers. Reduce use of hard copies for communication. Enhance the use of email for communication. Before printing, select the required page numbers to prevent printing the entire book mistakenly Avoid unnecessary printing 	<ul style="list-style-type: none"> To the extent possible, use the waste one sided prints for re-usage like rough pads, rough printing etc. 	<ul style="list-style-type: none"> Collect all the waste papers. Dispose the papers to the local recycling agency. Strictly destroy the confidential documents 		Provide a separate rack for keeping waste papers Segregate the papers waste by <ul style="list-style-type: none"> Drawings Newspapers & Magazines Stationary papers Paper boards, files etc. 		<ul style="list-style-type: none"> Never dispose the recycle able paper waste into the sanitary landfill area . Never mix the paper waste into food waste 			Weekly	

SR NO	Type of Waste	Waste Source	Strategy Used				Segration	Labeling	Disposal procedure	LEGAL REQUIREMENT	Status of legal requirement	FREQUENCY OF DISPOSAL	Remark
			Reduce	Reuse	Recycle	Other							
3	Scrap Steel	<ul style="list-style-type: none">• Reinforcement yard• Workplace	<ul style="list-style-type: none">• Reduce the steel scrap by efficient reinforcement schedule planning i.e selection of rod length for cutting & bending.• Meticulously plan the requirement of different types of ring, Chair rod by avoiding excess production.• Adopt innovative method to reduce lap length.• Reduce the steel waste by improper storing & handling method.• Avoid steel waste by corrosion.• Reduce the structural wastage by efficient use of metallic structure like I Beam, channel, angle etc.• While procuring ensure atmost care by specifying the correct grade of steel, size, tensile strength & any other special requirements etc.• Reduce the scrap by employing skilled manpower for cutting &	Try to reuse the excess ring, rod, chair rods in the suitable areas.	Collect & dispose the steel scrap to the recycling agency.		<ul style="list-style-type: none">• Identify the separate area for storing of excess reinforcement rod, ring etc. Preferably nearby the yard.• Size & length wise store the reinforcement items.• Keep the structural scraps separately by shapes.• Never mix the reinforcement & structural scrap with other wastes	Provide a display of “Scrap Steel” in the collection yard.	Dispose the steel scrap to the identified recycling agency.			Need basis	

SR NO	Type of Waste	Waste Source	Strategy Used				Segration	Labeling	Disposal procedure	LEGAL REQUIREMENT	Status of legal requirement	FREQUENCY OF DISPOSAL	Remark
			Reduce	Reuse	Recycle	Other							
4	Wood	<ul style="list-style-type: none">• Carpentry workshop• Formwork at workplace	<ul style="list-style-type: none">• Reduce the wood waste by efficient utilization of runners, Plywoods & wooden planks for cutting into different sizes.• While procuring ensure atmost care by specifying the correct grade of Plywood, plywood thickness, additional coating, runner thickness & length etc.• Reduce the wood waste by improper storing & handling method.• Engage skilled manpower for carpentry works to reduce the waste.• Restrict the use of Circular saw	Try to reuse waste plywood , runner for making temporary shelter & wooden boxes.	Not applicable		<ul style="list-style-type: none">• Provide adequate size and number of bin for storing saw dust.• Designate separate area for storage of wooden waste, preferably nearby carpentry workshop.• store the saw dust separately from other wood waste.	Provide a display of “Wood waste” in the collection yard.	<ul style="list-style-type: none">• Wood waste like saw dust & runners shall be given to worker for using it cooking by open & controlled burning.• Dispose the wood waste to the local approved landfill area.• Never throw the saw dust into the streams, pond, sea etc.			Need basis.	

SR NO	Type of Waste	Waste Source	Strategy Used				Segration	Labeling	Disposal procedure	LEGAL REQUIREMENT	Status of legal requirement	FREQUENCY OF DISPOSAL	Remark
			Reduce	Reuse	Recycle	Other							
5	Concrete	<ul style="list-style-type: none"> Batching plant Concrete pumping Portable concrete mixer Boom placer placement Chute concreting 	<ul style="list-style-type: none"> While ordering ensure the specification of correct grade of concrete like M60, M30, M50 etc and quantity. Meticulously plan the requirement of Concrete by studying the dimensions of the concreting area. Depending upon the actual site requirement , change the order quantity to reduce waste. establish clear communication between concrete placing & pumping gang to reduce excess concreting. Reduce concrete waste in Batching plant & portable concrete mixers by engaging the skilled manpower. Maintain the transit mixer delivery chute in good condition. Never overfill the concrete pump hopper. 	<ul style="list-style-type: none"> Direct the excess concrete to the different location for concreting Reuse the excess concrete for temporary pavement works etc. 	Not applicable		Designated area provided	Provide a display of “Concrete waste ” in the disposal yard.	<ul style="list-style-type: none"> Excess concrete to be poured into designated area. The area selected must be away from cultivated land, well, pond, stream etc. Shall be poured to landfill area. Dry concrete waste being used for temporary road.				
6	Mortar ,Brick & Block waste	<ul style="list-style-type: none"> Plastering Tile fixing Bricklaying 	<ul style="list-style-type: none"> Prepare only the required quantity of mortar.i.e which can be used immediately. Follow the standard procedure to avoid wastage of bricks, blocks during storing & Handling. Use mechanical aids like Trolley, wheel barrow, manual forklift for shifting of blocks & bricks 					Provide a display of “Masonry Waste ” in the disposal yard.	Designate a separate area for collecting the masonry waste in the project. Dispose the waste into the agency which shall dump to the local approved landfill area.			Need basis.	

SR NO	Type of Waste	Waste Source	Strategy Used				Segration	Labeling	Disposal procedure	LEGAL REQUIREMENT	Status of legal requirement	FREQUENCY OF DISPOSAL	Remark
			Reduce	Reuse	Recycle	Other							
7	Used Oils Used Engine oil Gear Oil Hydraulic Oil Industrial Gear oil Compress or oil Heat transfer oil Transform er oil Spent oil Bottom sludge	P&M Workshop DG Yard Concrete pump All Plant & Machinery	Avoid spillage of oils during handling. Follow the manufacturer’s recommendation for replacing the oil. Make a maintenance schedule.		Collect the used oil in a separate drum or container. Keep it closed. Once, the adequate qty gets collected, call the recycling agency approved by the government for disposal.		Collect the oil in a separate container / drum.	Provide a label of “Used oil” in the container / drum	Never dispose the used oil into water stream or land. Only dispose the waste to the approved agency.	Hazardous Waste (Management, Handling & Transboundary) rules -2008. • Safe and environmentally sound handling of hazardous waste. • Disposal of hazardous waste to an authorized disposal facility. • Provide training to the concerned • Contain the contaminants		Need basis	

SR NO	Type of Waste	Waste Source	Strategy Used				Segration	Labeling	Disposal procedure	LEGAL REQUIREMENT	Status of legal requirement	FREQUENCY OF DISPOSAL	Remark
			Reduce	Reuse	Recycle	Other							
8	Paint residues / Sludge Barrels & Containers containing hazardous waste	Painting Hazardous waste storage	Avoid wastage during handling of paints. Store the hazardous waste in a big container rather than large no of smaller containers. Avoid unnecessary handling of hazardous waste		Dispose the containers / drum to the authorized agency Dispose the paint sludge / residue to the authorized agency.		Collect the paint sludge / residue in a separate drum / barrel.	Provide a label of “Paint sludge / residue” in the container / drum	Never dispose the used oil into water stream or land. Only dispose to the registered recycling agency	Hazardous Waste (Management, Handling & Transboundary) rules -2008. • Safe and environmentally sound handling of hazardous waste. • Disposal of hazardous waste to an authorized disposal facility. • Provide training to the concerned • Contain the contaminant		• Need basis.	
9	Used & damaged lead acid battery & its part	All plant & Machineries UPS (Un interrupted power supply) System			Send the batteries either to the supplier or to the designated collection centre or registered recycler.		Collect the lead acid batteries in a separate bin.	Provide a label of “used Lead acid battery” in the bin.	Ref Recycling	Batteries (Management and Handling) Rules, 2001 Responsibility of consumers to return used batteries only to the dealers or deliver at designated collection centres;	Responsibility of consumers to return used batteries only to the dealers or deliver at designated collection centres;	• Need basis.	

SR NO	Type of Waste	Waste Source	Strategy Used				Segration	Labeling	Disposal procedure	LEGAL REQUIREMENT	Status of legal requirement	FREQUENCY OF DISPOSAL	Remark
			Reduce	Reuse	Recycle	Other							
10	Bio-medical waste	First aid centre / Medical centre	NA	NA	NA	NA	Bio-medical waste to be collected in a separate bin. It should not be mixed with other waste. Yellow <ul style="list-style-type: none">Human anatomical wasteItems contaminated with blood, and body fluids including cotton dressings, soiled plaster casts, lines, beddings, other material Black wastes comprising of outdated, contaminated and discarded medicines Blue (Translucent) <ul style="list-style-type: none">Needles , syringes,	Labelling Provide a label of “Bio-medical waste” in the container / drum. Paint the bin in yellow colour. Symbol :	The waste to be disposed to the common disposal / Incineration site maintained by the respective municipal authority.	Bio-Medical Waste (Management & Handling) Rules, 1998 Bio-medical waste should not be stored beyond 48 hours.		Alternate days	
11	Sewage	Sanitation facility at Labour colony, Staff quarter, Project office, site office					Separate collection tank		The sewage to be discharged to either municipal sewage drain or to private Sewage Treatment plant or sewage treatment plant located inside the premises. If the method of disposal is to the private treatment plant ,sending thro truck, overflow of the collection tank must be avoided. Sewage should not be allowed to discharge into the water streams	The water (prevention and control of pollution) act, 1974			

Photographs of showing of construction waste management measures



Photographs of showing of construction waste management measures



ANNEXURE - 15

प्रारूप-घ (संलग्नक-3) Provisional Certificate

यूआईडी संख्या: UPFS/2019/3220/LCK/LUCKNOW/149/JD

दिनांक: 13-02-2019

प्रमाणित किया जाता है कि मैसर्स **AIRPORT AUTHORITY OF INDIA** (भवन/प्रतिष्ठान का नाम) पता **67.CCS INTERNATIONAL AIRPORT LUCKNOW, KANPUR ROAD, LUCKNOW** तहसील - **SAROJNINAGAR** जिसमें तलों की संख्या **2** एवं बेसमेन्ट की संख्या **1** है जिसकी ऊँचाई **30.00 mt.** तथा प्लॉट एरिया **364730 sq.mt** है। भवन का अधिभोग **AIRPORT AUTHORITY OF INDIA** (भवन स्वामी/ अधिभोगी अथवा कम्पनी का नाम) द्वारा किया जायेगा। इनके द्वारा अग्नि निवारण एवं अग्नि सुरक्षा के समस्त प्राविधानों का समायोजन एन0बी0सी0 एवं तत्सम्बन्धी भारतीय मानक ब्यूरो के आई0एस0 मानकों की संस्तुतियों के अनुरूप किया गया है। इस भवन को प्राविजनल अनापत्ति प्रमाण पत्र (एन0बी0सी0 की अधिभोग श्रेणी) **Assembly** के अन्तर्गत इस शर्त के साथ दिया जा रहा है कि प्रस्तावित भवन में सभी मानकों का अनुपालन किया जायेगा तथा भवन के निर्माण होने के उपरान्त तथा भवन के अधिभोग से पूर्व अग्नि एवं जीवन सुरक्षा प्रमाण पत्र (Fire & Life Safety Certificate) प्राप्त किया जायेगा।

निर्गत किये जाने का दिनांक: **21-02-2019**

स्थान: **LUCKNOW**

हस्ताक्षर-
निर्गमन अधिकारी-



Digitally Signed By
(J.K. SINGH)
[E85D61AD0F8A2BD94F73AB2AA750DCA0A3BD50BB]
21-02-2019