

Ref: MgIAL/Operations/Env/2023-24/ 3704

31th May 2024

To,

Addl. Principal Chief Conservator of Forest (C),
Ministry of Env., Forest and Climate Change.
Regional Office (SZ), Kendriya Sadan, 4th Floor, EBF Wings, 17th Main Road,
Koramangala II Block, Bangalore 560034.

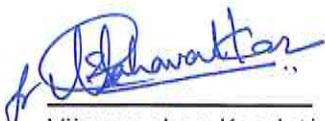
Sir,

Sub: Submission of Half yearly Environment Clearance Compliance report of Expansion of Mangalore International (MIA) Airport, Mangaluru, to enhance the Passenger & Cargo Handling Capacity by M/s Mangaluru International Airport for the period October-2023 to March-2024.

Ref.: 1) Environment clearance granted for "Enhance the Passenger & Cargo Handling" at Mangaluru Airport, Bajpe Mangaluru vide MoEF letter No. Vide EC Identification No. EC23B029KA18365, File No. SEIAA 13 CON 2023, Date of issue: 26th May 2023.

With reference to the above subject, we are hereby submitting soft copy (e-mail communication) of Half yearly Environment Clearance Compliance report of Mangaluru International Airport for the period October-2023 to March-2024.

Thanking you,
For Mangaluru International Airport Limited.



Vijayamohan Kondeti
Head- QEHS

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 Bangalore, Nisarga Bhavan, Thimmaiah Road, 7th D Main Rd Shivanagar, Bengaluru, Karnataka 560079.
3. Member Secretary, Karnataka State Pollution Control Board, "Parisara" Bhavan, No# 49, Church Street Bengaluru 560001.
4. Environment Officer, Regional Officer Karnataka State Pollution Control Board Plot No.10 B, Baikampady Industrial Area, Mangalore-575011.

adani	Mangaluru International Airport Limited (MIAL)	From: October 2023 To: March 2024
Status of the conditions stipulated in Environment Clearance		

**Compliance Report of Environmental
Clearance dated: 26th May 2023**

**For Proposed Expansion of Mangaluru
International Airport**

**(MIA) Mangaluru, to enhance the
Passenger
& Cargo Handling**

**by M/s Mangaluru International Airport
Limited (MIAL)**

edani	Mangaluru International Airport Limited (MIAL)	From: October 2023 To: March 2024
Status of the conditions stipulated in Environment Clearance		

Mangalore International (MIA) Airport, Mangaluru has been granted Environmental Clearance Vide EC Identification No. EC23B029KA18365, File No. SEIAA 13 CON 2023, Date of issue: 26th May 2023, for Proposed Expansion of Mangalore International (MIA) Airport, Mangaluru, to enhance the Passenger Handling Capacity & Cargo Handling Capacity by M/s Mangaluru International Airport Limited (MIAL).

Sr. No.	Conditions	Status as on 31st March 2024
I. Statutory Compliance.		
i.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.	Not applicable. This point is not applicable because no forest land is involved.
ii.	The proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not applicable.
iii.	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-1 species in the study area)	Agreed to comply. The Site-Specific Conservation Plan for Schedule I species has been prepared and submitted as part of EIA report. It will be implemented further in consultation with Local Authorities.
iv.	The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.	Agreed to comply. Consent to establish application has been applied on 31st Jan 2024.
v.	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.	Agreed to comply. Ground water NOC for existing 15 no.s borewells has been obtained from KGWA. The details are attached as Annexure-1. Further, MIAL will obtain the permission from concerned authorities for further water requirement in line to the Master plan development.

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Sr. No.	Conditions	Status as on 31 st March 2024
vi.	Clearance from Directorate General of Civil Aviation (DGCA) and Airports Authority of India (AAI) for safety and project facilities shall be obtained.	<p>Agreed to comply. For Existing terminal operation, MIAL has DGCA approval already obtained vide reference no- 2023/ASD/Renewal/0842 dated 04.10.2023. The copy of license is attached as Annexure-2</p> <p>Further, MIAL will obtain the permission from concerned authorities in line to the requirements of Master plan development.</p>
vii.	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.	<p>Agreed to comply. Existing power requirement is being sourced from Mangaluru Electricity Supply Company Limited for Airport Operation. The copy of certificate is attached as Annexure-3.</p> <p>Further, MIAL will obtain the permission from concerned authorities in line to the requirements of Master plan development.</p>
viii.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.	<p>Agreed to comply. PESO, Fire NOC for of the existing terminal has been obtained. The copy of the same is attached as Annexure-4.</p> <p>Further, MIAL will obtain the permission from concerned authorities in line to the requirements of Master plan development.</p>
II. Air quality monitoring and preservation		
i.	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PK ₁₀ and PM _{2.5} in reference to PM emission, and SO ₂ and NO _x in reference to SO ₂ and NO _x emissions) within and outside the airport area at least at four locations (one within and three outside the plant area at an angle of 120'each), covering upwind and downwind directions.	<p>Being complied.</p> <p>For the existing Airport operation, Ambient Air Quality monitoring is being carried out at 4 locations by MoEFCC approved and NABL accredited laboratory. The reports are enclosed as Annexure-5.</p> <p>Further, MIAL will continue to carryout the environmental monitoring inline to</p>

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Sr. No.	Conditions	Status as on 31 st March 2024
		the requirements of the Master plan development.
ii.	Diesel power generating sets proposed as source of backup power 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.	Agreed to Comply. Proposed DG sets inline to the requirements of the Master plan development. MIAL will provide adequate stack height inline to safety norms and acoustic enclosures. However, DG sets used for existing airport operation is provided with adequate stack height inline to safety norms and acoustic enclosures.
iii.	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.	Agreed to comply. The traffic management and traffic decongestion plan were prepared and submitted along with EIA report.
iv.	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.	Agreed to comply.
v.	The excavation working area should be sprayed with water after operation so as to maintain the entire surface wet.	Agreed to comply.
vi.	Excavated materials shall be handled and transported in a manner that they do not cause any problems of air pollution.	Agreed to comply.

adani**Mangaluru International Airport Limited
(MIAL)****From: October 2023****To: March 2024****Status of the conditions stipulated in Environment Clearance**

Sr. No.	Conditions	Status as on 31st March 2024
vii.	The soil/construction materials carried by the vehicle should be covered by impervious sheeting to ensure that the dusty materials do not leak from the vehicle.	Agreed to comply.
III Water quality monitoring and preservation		
i.	Run off from chemicals and other contaminants from aircraft maintenance and other areas within the airport shall be suitably contained and treated before disposal. A spillage and contaminant containment plan shall be drawn up and implemented to the satisfaction of the State Pollution Control Board.	Agreed to comply.
ii.	Proper drainage systems, emergency containment in the event of a major spill during monsoon season etc. shall be provided.	Agreed to comply.
iii.	The runoff from paved structures like Runways, Taxiways, can be routed through drains to oil separation tanks and sedimentation basins before being discharged into rainwater harvesting structures.	Agreed to comply.
iv.	Storm water drains are to be built for discharging storm water from the air-field to avoid flooding/water logging in project area. Domestic and industrial waste water shall not be allowed to be discharged into storm water drains.	Agreed to comply.
v.	Rain water harvesting for roof run-off and surface run-off, as plan submitted should be implemented. Rain water harvesting structures shall conform to CGWA designs. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease.	Agreed to comply.
vi.	Total fresh water use shall not exceed the proposed requirement as provided in the project details. Prior permission from competent authority shall be obtained for use of fresh water.	Agreed to comply. As a part of overall Masterplan 3.2 MLD of fresh water is required and required permission from the competent authority will be obtained for use of fresh water.
vii.	Sewage Treatment Plant shall be provided to treat the wastewater generated from	Agreed to comply.

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Sr. No.	Conditions	Status as on 31st March 2024
	airport. Treated water shall be reused for horticulture, flushing, backwash, HVAC purposes and dust suppression	<p>For existing operation, Sewage Treatment Plant (STP) of 0.150 MLD capacity based on MBBR technology is being used to treat the sewage. The treated sewage is being used for Horticulture / landscape development. Also, 0.500 MLD STP with MBR Technology has already developed. Overall as a part of Master Plan, 1.15 MLD STP having SBR technology will be developed on modular basis. The treated water will be used for horticulture, flushing and HVAC purposes.</p> <p>STPs of total capacity 1.8 MLD will be developed in phase wise manner as per our Master Plan.</p>
viii.	A certificate from the competent authority for discharging treated effluent/ untreated effluents into the public sewer/ disposal/drainage systems along with the final disposal point should be obtained.	Agreed to comply. Airport is an Infrastructure, so there will be no generation of Industrial effluent. However, domestic wastewater will be generated, treated through STP and used for horticulture, flushing and HVAC purposes.
ix.	A detailed drainage plan for rainwater shall be drawn up and implemented.	Agreed to comply.
IV. Noise monitoring and prevention		
i.	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Agreed to comply. MIAL will carry out the environmental monitoring inline to the requirements of the Master plan development and six monthly report will be submitted to Ministry. However, as a part of existing Airport operation, Ambient Noise Quality monitoring is being carried out by MoEFCC approved and NABL accredited laboratory. The reports are enclosed as Annexure-6
ii.	Noise from vehicles, power machinery and equipment on-site should not exceed the prescribed limit. Equipment should be regularly serviced. Attention should also be	Agreed to comply.

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iii.	given to muffler maintenance and enclosure of noisy equipment's.	
iii.	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.	Agreed to comply. MIAL will implement the environmental compliance measures prescribed inline to the requirements of the Master plan development. However, as a part of existing Airport operation, acoustic enclosures to DG sets, ear plugs for operating personnel has been implemented as mitigation measures for noise impact due to ground sources.
iv.	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.	Agreed to comply.
v.	Where construction activity is likely to cause noise nuisance to nearby residents, restrict operation hours between 7 am to 6 pm.	Agreed to comply.

V. Energy Conservation measures

	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.	Agreed to comply. MIAL will implement energy conservation measures inline to the requirements of the Master plan development. For the Existing Airport operation 100% LED lights have been installed.
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VI. Waste Management

i.	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).	Agreed to comply.
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ii.	The project activity shall conform to the Fly Ash notification issued under the E.P. Act of 1986	Agreed to comply.
iii.	Solid inert waste found on construction sites consists of building rubble, demolition material, concrete; bricks, timber, plastic, glass, metals, bitumen etc shall be reused/recycled or disposed off as per Solid Waste Management Rules, 2016 and Construction and Demolition Waste Rules,2016.	Agreed to comply.
iv.	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules,2016.	Agreed to comply. Construction and demolition will be managed as per the Construction and Demolition Rule, 2016.
v.	The project proponents shall implement a management plan duly approved by the State Pollution Control Board and obtain its permissions for the safe handling and disposal of: <ol data-bbox="345 1169 922 1589" style="list-style-type: none">Trash collected in flight and disposed at the airport including segregation' collection and disposed.Toilet wastes and sewage collected from aircrafts and disposed at the Airport.Wastes arising out of maintenance and workshopsWastes arising out of eateries and shops situated inside the airport complex.Hazardous and other wastes	Agreed to comply.
vi.	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. solid wastes shall be disposed in accordance to the Solid Waste Management Rules, 2016 as amended.	Agreed to comply. For proposed project, MIAL will segregate and dispose the solid waste as per the norms of the Solid waste Management Rules, 2016. For the existing Airport operation, Solid waste is being managed as per Solid Waste Management Rules, 2016 as amended.

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Sr. No.	Conditions	Status as on 31 st March 2024
vii.	A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.	Agreed to comply.
viii.	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.	Agreed to comply.
VII Green Cover		
i.	Green belt shall be developed in area as provided in project details, with native tree species in accordance with Forest Department. The greenbelt shall inter alia cover the entire periphery of the Air Port.	Being complied. At present, green belt of approx. 6 ha area has been developed. Further as a part of overall master plan, green area will be developed in line to airport contextual plan.
ii.	Top soil shall be separately stored and used in the development of green belt	Agreed to comply.
VIII Public Hearing and Human health issues		
i.	Construction site should be adequately barricaded before the construction begins.	Agreed to comply.
ii.	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.	Agreed to comply.
iii.	Provision of Electro-mechanical doors for toilets meant for disabled passengers. Children nursing/feeding room to be located conveniently near arrival and departure gates.	Agreed to comply.
iv.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented	Agreed to comply.
v.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Agreed to comply.

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Sr. No.	Conditions	Status as on 31st March 2024
vi.	occupational health surveillance of the workers shall be done on a regular basis.	Agreed to comply.
IX Corporate Environment Responsibility		
i.	The project proponent shall comply with provision contained in OM vide F.No. 22-65/2017-IA.111 dated 20 th October 2020, of the Ministry of Environment, Forest and Climate Change as applicable, regarding Corporate Environment Responsibility and shall execute the action plan of Conversion of airport owned conventional vehicles operated on fossil fuels to Electric vehicles & infrastructures for EV charging Stations, Carbon Neutrality (Carbon credit purchase offset, Refrigerant transition from R22 to R32, conversion to ABC stored pressure Fire extinguisher and others activities) and other activities in the field of Education, health, Sustainable Livelihood, community Infrastructure & Skill development within 10 kms of the project area, as submitted vide letter dated 16.05.2023.	Agreed to comply. CER will be implemented phase-wise as submitted as a part of EIA Report.
ii.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or stakeholders / stake holders. The copy of the brand resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	Complied. The copy of Environment, Social and Governance (ESG) policy is attached as Annexure-7
iii.	A separate Environmental cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization. The project proponent enter into an agreement with the prospective buyers/ tenants to ensure that	Complied. A separate Environmental Cell both at the project and company head quarter level is available. The details are attached as Annexure-8

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Mangaluru International Airport Limited
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	they maintain the cell and take care of all environment concerns during the operation phase of the project. In addition, sufficient fees should be levied so as to raise a corpus fund to maintain the Environment cell.	
iv.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry of Environment, Forest and climate change/Regional office along with the Six Monthly Compliance Report.	Agreed to comply.
v.	Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Agreed to comply.

X. Miscellaneous

i.	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	Complied. The advertisement was published in Local newspapers Udaya Vani in Kannada language and Times of India in English language on 1 st June 2023. The copies of the published advertisement is attached as Annexure-9 The Environmental Clearance has been uploaded on Company website and can be seen through below link: https://www.adani.com/mangaluru-airport/downloads
ii.	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in tum has to display the same for 30 days from the date of receipt.	Being Complied. The copies of Environmental Clearance have been submitted to Heads of local bodies, Panchayats and Municipal Bodies vide letter date: 09-06-2023. The acknowledgment copies are attached as Annexure-10 .
iii.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including	Agreed to comply. The status of the compliance of the stipulated environmental conditions will

adani	Mangaluru International Airport Limited (MIAL)	From: October 2023 To: March 2024
Status of the conditions stipulated in Environment Clearance		

Sr. No.	Conditions	Status as on 31st March 2024
	results of monitored data on their website and update the same on half-yearly basis.	be uploaded on Company website portal on half yearly basis.
iv.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Agreed to comply. The status of the compliance of the stipulated environmental conditions will be uploaded on the website of the ministry of Environment, Forest, and Climate Change at environment clearance portal half yearly basis.
v.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Being Complied. For existing operation, Environment statement for the FY 2022-23 submitted vide letter reference number: MIAL/Operations /Env/2023-24/2875 dated: 29 th September 2023 (Copy Attached as Annexure-11)
vi.	The criteria pollutant levels namely; PM ₁₀ , PM _{2.5} , SO ₂ , NO _x (ambient levels) shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Being complied. Ambient Air Quality is being carried out on regular basis and the results are being displayed on LED board.
vii.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Agreed to comply.
viii.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Agreed to comply.
ix.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Agreed to comply.
x.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Agreed to comply.
xi.	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance	Agreed to comply.

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	and attract action under the provisions of Environment (Protection) Act, 1986.	
xii.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Agreed to comply.
xiii.	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Agreed to comply.
xiv.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	Agreed to comply.
xv.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Honble Supreme Court of India / High Courts/NGT and any other Court of Law relating to the subject matter.	Agreed to comply.
xvi.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Agreed to comply.
xvii.	In case of any material supported by documents/ court orders which is contrary to the claim of the applicant and material facts produced, the SEIAA reserves the right to withdraw the EC at any point of time.	Agreed to comply
xviii.	The PP shall comply with the submissions made during appraisal and to comply with the observations of MoEF&CC in CCR.	Agreed to comply.
XI Additional Condition		
i.	Assured water supply, commensurate with the ultimate occupancy envisaged in the	Agreed to comply.

adani

Mangaluru International Airport Limited
(MIAL)

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	project, shall be ensured before commencement of the project.	
ii.	The project proponent shall provide adequate electrical charging stations/booth for charging E Vehicles commensurate with its usage.	Complied. Installed of 2 no.s Electric Vehicle Charging station (EVCS). One on Airside and other on landside to facilitate usage of electric vehicles for airport operations and passenger travel. Photographs is attached as Annexure-12
iii.	The PP shall strictly adhere to the local Planning Authority Bye-Laws.	Agreed to comply.



Karnataka Ground Water Authority

K.S.F.C Bhavan, Thimmaiah Road, Bengaluru- 560052, Karnataka.

E-mail: gwdkar@gmail.com, Ph No: 080-22268732

Annexure -1

No: DE0011641972608

Dated : 02-02-2022

NO OBJECTION CERTIFICATE - FORM 3 A RULE(6)

Permission For Digging/Drilling A Well/ Borewell/ Extraction Of Groundwater For Industrial/ Commercial/ Entertainment Or Other Use

M/s Adani Mangaluru International Airport Limited
Adani Mangaluru International Airport Limited Bajpe Main Road,
Kenjar, Bajpe P.O, Mangaluru.



Above Person/Company is permitted for extraction of groundwater at below mentioned location(s):

SL NO.	LOCATION
1	19, Adani Mangaluru International Airport, Near exit , MANGALURU taluk
2	181, Adani Mangaluru International Airport, Near Harsh Construction Office, MANGALURU taluk
3	165, Adani Mangaluru International Airport, Near windsock, MANGALURU taluk
4	144, Adani Mangaluru International Airport, Opposite Bay 8, MANGALURU taluk
5	19, Adani Mangaluru International Airport, Near Domestic cargo, MANGALURU taluk
6	94, Adani Mangaluru International Airport, Near DVOR, MANGALURU taluk
7	77, Adani Mangaluru International Airport, Near MET station, MANGALURU taluk
8	78, Adani Mangaluru International Airport, Behind fire station, MANGALURU taluk
9	78, Adani Mangaluru International Airport, Beside NATS building, MANGALURU taluk
10	137, Adani Mangaluru International Airport, behind MT, MANGALURU taluk
11	19, Adani Mangaluru International Airport, Near OTB, MANGALURU taluk

12	115, Adani Mangaluru International Airport, Near RADAR, MANGALURU taluk
13	115, Adani Mangaluru International Airport, Near CISF Barrack, MANGALURU taluk
14	119, Adani Mangaluru International Airport, Near NDB, MANGALURU taluk
15	67, Adani Mangaluru International Airport, Near Old runway, MANGALURU taluk

From (15) Bore Wells For Infrastructure Use, Subject To The Following Conditions :-

- ❖ The firm may abstract **600 m3/day** (not exceeding **219000 m3/year**) of groundwater through (15) bore wells only. No additional groundwater abstraction structures to be constructed for this purpose without prior approval of the KGWA.
- ❖ This NOC is valid for 5 years from the date of issue of this letter.
- ❖ As per the categorization of taluks, MANGALURU taluk in DAKSHINA KANNADA district fall under Safe taluk category. Hence, the Groundwater Abstraction/Restoration Charges to be paid is Rs. 1200 per day.
- ❖ The Firm at its own cost shall install piezometer/s, at suitable locations and execute groundwater regime monitoring programme in and around the project area on regular basis in consultation with the Senior Geologist, District Groundwater Office, Groundwater Directorate, **DAKSHINA KANNADA** District.

NO. OF PIEZOMETERS	MONITORING MECHANISM		
	MANUAL	DWLR	DWLR WITH TELEMETRY
2	0	1	1

- ❖ The firm shall submit the water audit report through certified auditors within three months of completion of the same to KGWA.
- ❖ The well should not be used for drawing water for any other use other than applied for.
- ❖ The withdrawal of water should be better managed to avoid wastage of water
- ❖ The utilized water should be recycled and reused after necessary treatment
- ❖ The construction of rain water harvesting structures in the vicinity of the well/ bore well shall be as per the technical opinion of Senior Geologist, District Groundwater Office, Groundwater Directorate, **DAKSHINA KANNADA** District.
- ❖ The utilization of water will be subject to the regulation from time to time based on the extraction of water from the well/bore well
- ❖ The pollution of groundwater resources should be avoided
- ❖ Water meter has to be installed and data on groundwater draft is to be maintained and submitted every month to the Authority concerned. The groundwater quality to be monitored twice in a year during pre-monsoon and post monsoon periods.
- ❖ **M/s Adani Mangaluru International Airport Limited** shall, in consultation with the Senior Geologist, District Groundwater Office, Groundwater Directorate, **DAKSHINA KANNADA** District, implement groundwater recharge measures for augmenting the groundwater resources of the area.
- ❖ The photographs of the recharge structures after completion of the same are to be furnished immediately to the Senior Geologist, District Groundwater Office, Groundwater Directorate, **DAKSHINA KANNADA** District, for verification.
- ❖ The abstraction/restoration charges should be deposited to the Karnataka Groundwater Authority account in the form of DD / Cash.
- ❖ The groundwater monitoring data in respect of Point No. 4 & 12 to be submitted to Senior Geologist,

- ❖ The permission is liable to be cancelled in case of non-compliance of any of the conditions as mentioned in Point No. 1 to 15.
- ❖ The Karnataka Groundwater (Regulation for Protection of Sources of Drinking Water) Act, 1999 should be followed scrupulously.
- ❖ This NOC is subject to prevailing Central/State Government rules /laws or Court orders related to construction of bore well/ groundwater withdrawal /construction of recharge or conservation structures /discharge of effluents or any such matter as applicable.
- ❖ This NOC does not absolve the applicant / proponent of his obligation / requirement to obtain other statutory and administrative clearances from other statutory and administrative authorities.

BANK ACCOUNT DETAILS ARE GIVEN BELOW

Bank	: CANARA BANK
Account Holder	: CHAIRMAN, KGWA
Account No	: 0788201052332
IFSC	: CNRB0000788
Account Type	: CURRENT ACCOUNT

- ❖ It is also informed that during the renewal of the NOC, depending upon the hydrogeological condition the category of the area and the site conditions, the quantity will vary from permitted quantity. The company should make alternate arrangements for the reducing quantity for sustaining their industrial activity by means of availing water through local bodies or using the urban waste water after proper treatment.
- ❖ The fee that will be levied by the government for the groundwater usage is applicable from the date such orders are issued by the government.
- ❖ The firm is bound to obey the directions of NGT/ court orders that are existing and that may be laid down in future in matters related to Groundwater withdrawal.
- ❖ ADDITIONAL CONDITIONS : 1) M/s. Adani Mangaluru International Airport Limited is permitted to abstract 600m3/day (not exceeding 219000m3/year) of groundwater through Fifteen (15) existing bore wells. No additional groundwater abstraction structures to be constructed for this purpose without prior approval of the KGWA. 2) This NOC is valid for Five years from the date of issue of NOC. 3) As per the categorization of taluks, Mangaluru taluk in Dakshina Kannada district fall under safe taluk category. Hence, the Groundwater Abstraction Charges to be paid is Rs.1200 per day at the rate of Rs.2 per KLD. 4) The Firm at its own cost shall install two piezometers one with DWLR and the other with DWLR with Telemetry, at suitable locations and execute groundwater regime monitoring programme in and around the project area on regular basis in consultation with the Senior Geologist, District Groundwater Office, Groundwater Directorate, Dakshina Kannada District. 5) The firm shall submit the water audit report through certified auditors within one year of completion of the same to KGWA.

This NOC has been issued as per the proceedings drawn from the meeting held under the Chairmanship of Deputy Commissioner, District Groundwater Committee, DAKSHINA KANNADA District on 24-12-2021 and the proceedings drawn from the Karnataka Groundwater Authority meeting held under the Chairmanship of Secretary & Chairman, Minor Irrigation and Groundwater Development Department and Karnataka Groundwater Authority on 21.01.2022..

To,

M/S Adani Mangaluru International Airport Limited
Adani Mangaluru International Airport Limited Bajpe Main Road,
Kenjar, Bajpe P.O, Mangaluru.





Copy For Information To,

1. The Deputy Commissioner, DAKSHINA KANNADA District
2. Regional Director, Central Groundwater Board, SWR.
3. The Director, Groundwater Directorate and Member Secretary, Karnataka Groundwater Authority, KSFC Bhavana, Bengaluru
4. The Deputy Director, Groundwater Directorate, KSFC Bhavana, Bengaluru

Place : DAKSHINA KANNADA

Date : 02-02-2022

(E-SIGN SIGNATURE)

Signature of Designated Officer

Karnataka Groundwater Authority

Signature Not Verified

*Digitally signed by
Date: 2022.02.15 14:11:05 IST
Reason: Digitally Signed*





**GOVERNMENT OF INDIA
OFFICE OF THE DIRECTOR GENERAL OF CIVIL AVIATION
DGCA COMPLEX, OPP. SAFDARJUNG AIRPORT, NEW DELHI-110003**

Application Id 2023/ASD/Renewal/0000000834
License No. AL/PUBLIC/023

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 4 October, 1994, hereby grants license to,

Mangaluru International Airport Limited

for

Mangaluru International Airport, Mangaluru

Latitude : 12°57'43.40"N , Longitude : 074°53'23.20"E

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

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

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

This Aerodrome License is not transferable.

Date of Issue: **16-09-2021**
New Delhi

DIRECTOR GENERAL OF CIVIL AVIATION

Signature Not Verified
Signed by: 
Vikram
Dev Dutt

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 provider(s) to ensure continuity and reliability of CNS and ATM to ensure the safe flight of aircraft in the airspace associated with aerodrome, and that proper co-operation with the agencies responsible for aeronautical information services, meteorological services, security and other areas related to safety are established.

Signature Not Verified
Signed by: V. Kranthi Devadutt

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 2 months before expiry of license to the Director General of Civil Aviation. The license may be renewed if DGCA is satisfied that all requirements have been fulfilled.

14. Other requirements of Central Government and State Government as applicable shall be complied with.

15. The aerodrome meets the design criteria and reference code **4D** as defined in the CAR Section 4 Series B Part I and designed for operation of **B767-400** type or equivalent aircraft.

16. The licensee shall maintain ARFF category defined in the Aerodrome manual or as notified by NOTAM issued in this regards.

17. The aerodrome is licensed for use in **IFR(All Weather)/VFR(Day)** conditions.

18. Any other conditions :-

i. Actions required to be completed by the licensee for consideration of renewal of license validity as contained in Annexure-I, hereto.

Portion of map showing exact location of aerodrome.



VALIDITY OF THE LICENSE

Mangaluru International Airport, Mangaluru

FROM	TO	SIGNED AUTHORITY
16-09-2021	15-03-2022	ARUN KUMAR, IAS
16-03-2022	15-09-2023	ARUN KUMAR IAS
16-09-2023	15-09-2028	VIKRAM DEV DUTT

Signature Not Verified
Signed by: 
Vikram
Dev Dutt

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

Actions required to be taken by the licensee for consideration of extension of license validity of Mangaluru International Airport, Mangaluru:

1. Submit the quarterly progress report on pending observations contained in this office inspection report and on self-assessed non-compliances based on CAR provisions.
2. Submit exemption application complete in all respect for non-compliances identified (if any) for aerodrome facilities in CAR Section 4 Series B Part I and observations raised by DGCA.
3. Continue to develop the operating procedures for all activities required to be performed for operation and maintenance of the aerodrome and carry out safety assessment of the same.
4. Submit updated SMS Implementation status at the aerodrome.

Signature Not Verified
Signed by: 
Vikram
Dev Dutt

MANGALURU ELECTRICITY SUPPLY COMPANY LIMITED



■ Phone: 0824-2483033
 ■ Fax: 0824-2483033
 ■ e-mail: eeemescom_mng2@rediffmail.com
 eeemescom.mng2@gmail.com

Office of the
 Executive Engineer (Elec).,
 O&M Division-2
 2nd Floor, Anantha Arcade,
 Kavoor, Mangaluru

***** No: EEE/MNG-2/AET/2015-16/1305-12

Date: 29.04.15

Encl: 1 Set

The Asst. Ex. Engineer Elec.,
 No. 2 Sub Dvn, MESCOM,
 Kavoor, Mangalore.

Sir,

Sub:- Reduction of Contract Demand from 1700KVA to 1450KVA in respect of R.R.No. HT-181 of H.T installation of M/s. The Airport Director, Airport Authority of India, Bajpe, Mangaluru.

Ref:-

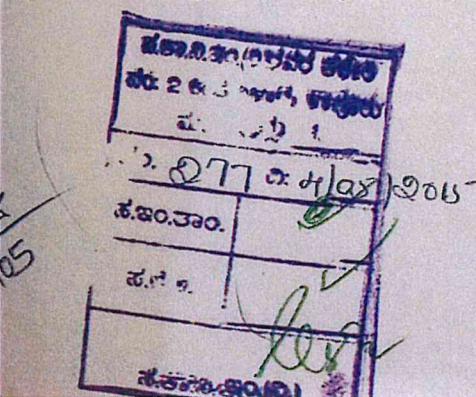
1. CEE, MZ Ltr. No. CEE-MZ/EEE(O)/AEE-3/14-15/ 16243-50 dt. 25.03.2015.
2. SEE, O&M Circle Ltr. No. SEM/EE(O)/F-39/14-15/11735 dt. 30.03.2015.
3. Asst. Executive Engineer(EI), HTR Sub-Division ltr No: AEEE/AEE/HTR/MNG/14-15/3325-30 Dtd: 01.04.2015.
4. Consumer letter dated 17.12.2014.
5. Registration fee Rs. 250 paid vide Rt. No. 181 dt. 10.03.2015.

Referring to the above subject, Chief Engineer Electy., O&M Zone, MESCOM, Mangalore have given approval for reduction of Contract Demand from 1700KVA to 1450KVA in respect of RR No. HT 181 of M/s. The Airport Director, Airport Authority of India, Bajpe, Mangaluru.

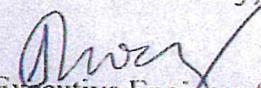
The reduction of contract demand from 1700KVA to 1450KVA should be given effect from the first reading date on or after 01.05.2015.

I am herewith enclosing the approved copy of the reduction of contract demand and verified HT agreement of HT 181 of M/s. The Airport Director, Airport Authority of India, Bajpe, Mangaluru.

This is for your further needful.



Yours Faithfully,


 Executive Engineer (Elec).,
 MESCOM, O&M Division-2,
 Kavoor, Mangalore

Annexure-3



भारत सरकार

Government of India

वाणिज्य और उद्योग मंत्रालय

Ministry of Commerce & Industry

पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसो)

Petroleum & Explosives Safety Organisation (PESO)

सीटी सेंटर, दुसरी मंजिल, होटल रुपा के सामने, बालमद्वा रोड

मैंगलूर- 575001

**2nd floor, City Centre, Opposite Hotel Roopa , Balmatta Road,
Mangalore - 575001**

E-mail :

dyccemangalore@explosives.gov.in

Phone/Fax No : 0824 - 2420167, 2441588

संख्या /No. : P/SC/KA/15/1255 (P376753)

दिनांक /Dated : 29/12/2022

सेवा में /To,

**M/s. ADANI MANGALURU INTERNATIONAL AIRPORT LIMITED,
Mangalore International Airport, O/o the Airport D,
Mangalore,
Taluka: Mangalore,
District: DAKSHIN KANNADA,
State: Karnataka
PIN: 574142**

विषय /Sub : **Survey No, 71/1, at Malavoor Village, Mangalore, Taluka: Mangalore, District: DAKSHIN KANNADA, State: Karnataka, PIN: 574150** में स्थित विद्यमान पेट्रोलियम वर्ग B अधिकापन में अनुज्ञासि सं P/SC/KA/15/1255 (P376753) के नवीकरण के संदर्भ में।

Existing Petroleum Class B Installation at **Survey No, 71/1, at Malavoor Village, Mangalore, Taluka: Mangalore, District: DAKSHIN KANNADA, State: Karnataka, PIN: 574150** - Licence No. P/SC/KA/15/1255 (P376753) - Renewal regarding.

महोदय /Sir

(s),

कृपया आपके पत्र क्रमांक OIN1262028 दिनांक 28/12/2022 का अवलोकन करें।

Please refer to your letter No.: OIN1262028, dated 28/12/2022

अनुज्ञासि संख्या P/SC/KA/15/1255 (P376753) दिनांक 06/05/2021 को दिनांक 31/12/2023 तक नवीनीकृत कर इस पत्र के साथ अप्राप्तिकृत जारी रखा जाएगा।

Licence No. P/SC/KA/15/1255 (P376753) dated 06/05/2021 is forwarded herewith duly renewed upto 31/12/2023.

2002 के अधीन बनाए गए नियम 148 में दी गई प्रक्रिया का कड़ाई से पालन करें। अनुज्ञासि के नवीकरण हेतु समस्त दस्तावेजों को अनुज्ञासि की वैधता समाप्त होने की तिथि से कम से कम 30 दिन पूर्व **so as to reach this** कार्यालय में प्रस्तुत करें।

Please follow the procedure strictly as laid down in rule 148 of the Petroleum Rules, 2002 and submit complete documents for the Renewal of the licence **so as to reach this** office on or before the date on which Licence expires.

कृपया पावर्ती दें।

Please acknowledge the receipt.

भवदीय /Yours faithfully,

((पी.के.राणा))
(Dr. P. K. Rana))
उप मुख्य विस्फोटक नियंत्रक

Dy. Chief Controller of Explosives
मैंगलूरु/Mangalore

(अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क तथा अन्य विवरण के लिए हमारी वेबसाइट : <http://peso.gov.in> देखें)

(For more information regarding status, fees and other details please visit our website: <http://peso.gov.in>)

Note:-This is system generated document does not require signature.

प्रारूप XV
(प्रथम अनुमती का अनुच्छेद 6 विवर)
FORM XV
(see Article 6 of the First Schedule)

अधिकारपत्रों में पेट्रोलियम के आयात और भंडारकरण के लिए अनुमति

LICENCE TO IMPORT AND STORE PETROLEUM IN AN INSTALLATION

अनुमति सं. (Licence No.) : P/SC/KA/15/1255(P376753)

फीस रुपए (Fee Rs.) 5000/- per year

M/s. ADANI MANGALURU INTERNATIONAL AIRPORT LIMITED, Mangalore International Airport, O/o the Airport D, Mangalore, Taluka: Mangalore, District: DAKSHIN KANNADA, State: Karnataka, PIN: 574142 को केवल इसमें यथा विनिर्दिष्ट वर्ग और मात्राओं में पेट्रोलियम **20.00 KL** आयात करने के लिए और उसका, नीचे वर्णित और अनुमोदित नवग्राम संदर्भ में दिखाए गए स्थान पर भण्डारकरण के लिए पेट्रोलियम अधिनियम, 1934 के उपबंधों या उसके अधीन बनाए गए नियमों तथा इस अनुमति की अतिरिक्त शर्तों के अधीन रहते हुए, यह अनुमति अनुदत्त की जाती है।

Licence is hereby granted to **M/s. ADANI MANGALURU INTERNATIONAL AIRPORT LIMITED, Mangalore International Airport, O/o the Airport D, Mangalore, Taluka: Mangalore, District: DAKSHIN KANNADA, State: Karnataka, PIN: 574142** valid only for the importation and storage of **20.00 KL** Petroleum of the class and quantities as herein specified and storage thereof in the place described below and shown on the approved plan No **P/SC/KA/15/1255(P376753)** dated **09/12/2020** attached hereto subject to the provisions of the Petroleum Act, 1934 and the rule made thereunder and to the further conditions of this Licence.

यह अनुमति 31st day of December 2023 तक प्रवृत्त रहेगी।

The Licence shall remain in force till the 31st day of December 2023

पेट्रोलियम का विवरण /Description of Petroleum	अनुमति मात्रा (किलोलीटरों में) /Quantity licenced in KL
वर्ग का प्रपुंज पेट्रोलियम /Petroleum Class A in bulk	NIL
वर्ग का प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class A, otherwise than in bulk	NIL
वर्ग ख प्रपुंज पेट्रोलियम /Petroleum Class B in bulk	20.00 KL
वर्ग ख प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class B, otherwise than in bulk	NIL
वर्ग ग प्रपुंज पेट्रोलियम /Petroleum Class C in bulk	NIL
वर्ग ग प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class C, otherwise than in bulk	NIL
कुल क्षमता /Total Capacity	20.00 KL

May 18, 2016

For Jt. Chief Controller of Explosives
 SC, Chennai

अनुमति परिसरों का विवरण और अवस्थान

DESCRIPTION AND LOCATION OF THE LICENSED PREMISES

अनुमति परिसर जिसकी विनायक सीमाएं अन्य विशिष्टयां संतान अनुमोदित नवशी में दिखाई गई हैं **Survey No: 71/1, at Malavoor Village, Mangalore, Taluka: Mangalore, District: DAKSHIN KANNADA, State: Karnataka, PIN: 574150** स्थान पर अवस्थित है तथा उसमें

निम्नलिखित 1 Under Ground tank(s) for CLASS B सम्मिलित हैं।

The licensed premises, the layout , boundaries and other particulars of which are shown in the attached approved plan are situated at Survey No: 71/1, at Malavoor Village, Mangalore, Taluka: Mangalore, District: DAKSHIN KANNADA, State: Karnataka, PIN: 574150 and consists of 1 Under Ground tank(s) for CLASS B together with connected facilities.

Note:-This is system generated

document does not require signature.

ANNEXURE-5

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. MANGALURU INTERNATIONAL AIRPORT
LIMITED.,
BAJPE MAIN RD,
KENJAR HC,
KARNATAKA 574142.

Report Number : VLL/VLS/23/12113/001
Issued Date : 2023.11.09
P. Order Ref : 5700315733
P.O. Date : 04.10.2022

SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING
@ Near Runway 6 (Airside)

Page 1 of 1

Frequency Of Sampling	: Weekly Twice
Time Weighted Average	: 24 Hours
Month of Monitoring	: October 2023
Sampling & Analysis Method	: PM10 - IS:5182 P-23; PM2.5 - IS:5182P-24; SO2 - IS:5182 P2 & NO2 - IS:5182 P-6;
Test Required	: PM ₁₀ , PM _{2.5} , SO ₂ and NO ₂ ,
Sample collected by	Vimta labs ltd

TEST REPORT

Date of Sampling	RESULTS (µg/m ³)			
	Particulates Matter as PM _{2.5} (µg/m ³)	Particulates Matter as PM ₁₀ (µg/m ³)	Sulphur Dioxide as SO ₂ (µg/m ³)	Nitrogen Dioxide as NO ₂ (µg/m ³)
03.10.2023	25.3	43.8	12.6	16.4
05.10.2023	23.6	47.9	14.1	15.6
09.10.2023	26.3	46.4	13.9	14.3
11.10.2023	27.6	48.4	12.1	17.6
16.10.2023	24.8	45.2	14.8	19.6
18.10.2023	23.7	44.5	11.7	15.3
23.10.2023	25.8	43.7	12.8	16.3
25.10.2023	24.2	45.6	13.7	14.7
30.10.2023	26.8	47.1	11.3	16.8
Minimum	23.6	43.7	11.3	14.3
Maximum	27.6	48.4	14.8	19.6
Average	25.3	45.8	13.0	16.3
98%ile	27.5	48.3	14.7	19.3
NAAQ Standard	60	100	80	80

All the above values are expressed in µg/m³

GPS - AAQI: Near Runway 6 (Airside), 12° 56.876' N, 74° 52.466' E

Dr. Subba Reddy Mallampati
Manager-Environment

ISSUED TO:

M/S. MANGALURU INTERNATIONAL AIRPORT
 LIMITED.,
 BAJPE MAIN RD,
 KENJAR HC,
 KARNATAKA 574142.

Report Number : VLL/VLS/23/12113/002
 Issued Date : 2023.11.09
 P. Order Ref : 5700315733
 P.O. Date : 04.10.2022

**SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING
 @ Near Car Parking Area**

Page 1 of 1

Frequency Of Sampling	: Weekly Twice
Time Weighted Average	: 24 Hours
Month of Monitoring	: October 2023
Sampling & Analysis Method	: PM10 - IS:5182 P-23; PM2.5 - IS:5182P-24; SO2 - IS:5182 P2 & NO2 - IS:5182 P-6;
Test Required	: PM ₁₀ , PM _{2.5} , SO ₂ and NO ₂ ,
Sample collected by	Vimta labs ltd

TEST REPORT

Date of Sampling	RESULTS (µg/m ³)			
	Particulates Matter as PM _{2.5} (µg/m ³)	Particulates Matter as PM ₁₀ (µg/m ³)	Sulphur Dioxide as SO ₂ (µg/m ³)	Nitrogen Dioxide as NO ₂ (µg/m ³)
03.10.2023	23.7	43.5	11.8	16.3
05.10.2023	26.8	46.2	12.4	17.4
09.10.2023	29.7	49.5	11.3	19.8
11.10.2023	24.8	52.6	12.0	17.4
16.10.2023	30.5	46.6	12.4	20.5
18.10.2023	25.7	47.3	10.6	16.8
23.10.2023	23.1	42.8	13.6	22.5
25.10.2023	25.3	45.9	12.2	17.6
30.10.2023	28.5	48.6	11.8	18.6
Minimum	23.1	42.8	10.6	16.3
Maximum	30.5	52.6	13.6	22.5
Average	26.5	47.0	12.0	18.5
98%le	30.4	52.1	13.4	22.2
NAAQ Standard	60	100	80	80

All the above values are expressed in µg/m³

GPS - AAQ2: Near Car Parking Area: 12° 57'05.71"N, 74°52'18.65"E



 Dr. Subba Reddy Mallampati
 Manager-Environment

ISSUED TO:

M/S. MANGALURU INTERNATIONAL AIRPORT
LIMITED.,
BAJPE MAIN RD,
KENJAR HC,
KARNATAKA 574142.

Report Number : VLL/VLS/23/12113/003
Issued Date : 2023.11.09
P. Order Ref : 5700315733
P.O. Date : 04.10.2022

SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING
@ Near Old Terminal Building

Page 1 of 1

Frequency Of Sampling : Weekly Twice
Time Weighted Average : 24 Hours
Month of Monitoring : October 2023
Sampling & Analysis Method : PM10 - IS:5182 P-23; PM2.5 - IS:5182P-24; SO2 - IS:5182 P2 &
NO2 - IS:5182 P-6;
Test Required : PM₁₀, PM_{2.5}, SO₂ and NO₂,
Sample collected by Vimta labs ltd

TEST REPORT

Date of Sampling	RESULTS (µg/m ³)			
	Particulates Matter as PM _{2.5} (µg/m ³)	Particulates Matter as PM ₁₀ (µg/m ³)	Sulphur Dioxide as SO ₂ (µg/m ³)	Nitrogen Dioxide as NO ₂ (µg/m ³)
03.10.2023	27.4	46.3	11.3	15.8
05.10.2023	24.5	47.8	12.4	14.6
09.10.2023	28.4	45.6	11.1	16.4
11.10.2023	23.7	48.8	13.9	15.3
16.10.2023	24.7	51.8	12.6	14.2
18.10.2023	25.4	46.7	11.4	17.7
23.10.2023	27.7	47.3	12.2	16.4
25.10.2023	23.9	50.3	13.3	15.1
30.10.2023	26.4	48.4	12.9	17.2
Minimum	23.7	45.6	11.1	14.2
Maximum	28.4	51.8	13.9	17.7
Average	25.8	48.1	12.3	15.9
98%ile	28.3	51.6	13.8	17.6
NAAQ Standard	60	100	80	80

All the above values are expressed in µg/m³

GPS ~ AAQ3: Near Old Terminal Building: 12° 57'49.47"N, 74°53'27.51"E



Dr. Subba Reddy Mallampati
Manager-Environment

ISSUED TO:

M/S. MANGALURU INTERNATIONAL AIRPORT
LIMITED.,
BAJPE MAIN RD,
KENJAR HC,
KARNATAKA 574142.

Report Number : VLL/VLS/23/12113/004
Issued Date : 2023.11.09
P. Order Ref : 5700315733
P.O. Date : 04.10.2022

Page 1 of 1

SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING
@ Near NATS Building

Frequency Of Sampling	: Weekly Twice
Time Weighted Average	: 24 Hours
Month of Monitoring	: October 2023
Sampling & Analysis Method	: PM10 - IS:5182 P-23; PM2.5 - IS:5182P-24; SO2 - IS:5182 P2 & NO2 - IS:5182 P-6;
Test Required	: PM ₁₀ , PM _{2.5} , SO ₂ and NO ₂ ,
Sample collected by	Vimta labs ltd

TEST REPORT

Date of Sampling	RESULTS (µg/m ³)			
	Particulates Matter as PM _{2.5} (µg/m ³)	Particulates Matter as PM ₁₀ (µg/m ³)	Sulphur Dioxide as SO ₂ (µg/m ³)	Nitrogen Dioxide as NO ₂ (µg/m ³)
03.10.2023	22.7	41.8	10.2	13.6
05.10.2023	21.3	44.9	12.2	15.4
09.10.2023	23.7	41.4	11.4	13.2
11.10.2023	24.3	42.7	10.4	12.3
16.10.2023	22.2	45.7	11.1	14.4
18.10.2023	21.7	44.2	10.9	15.7
23.10.2023	23.2	43.8	11.3	14.8
25.10.2023	22.6	42.4	10.7	13.7
30.10.2023	24.1	43.2	12.0	15.5
Minimum	21.3	41.4	10.2	12.3
Maximum	24.3	45.7	12.2	15.7
Average	22.9	43.3	11.1	14.3
98%le	24.3	45.6	12.2	15.7
NAAQ Standard	60	100	80	80

All the above values are expressed in µg/m³

GPS – AAQ4: Near NATS Building: 12° 57'33.60"N, 74°53'13.99"E



Dr. Subba Reddy Mallampati

Manager-Environment

ISSUED TO:

M/S. MANGALURU INTERNATIONAL AIRPORT
LIMITED.,
BAJPE MAIN RD,
KENJAR HC,
KARNATAKA 574142.

Report Number : VLL/VLS/23/13848/001
Issued Date : 2023.12.08
P. Order Ref : 5700315733
P.O. Date : 04.10.2022

SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING
@ Near Runway 6 (Airside)

Page 1 of 1

Frequency Of Sampling	Weekly Twice
Time Weighted Average	24 Hours
Month of Monitoring	November 2023
Sampling & Analysis Method	PM10 - IS:5182 P-23; PM2.5 - IS:5182P-24; SO ₂ - IS:5182 P2 & 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

Date of Sampling	RESULTS (µg/m ³)			
	Particulates Matter as PM _{2.5} (µg/m ³)	Particulates Matter as PM ₁₀ (µg/m ³)	Sulphur Dioxide as SO ₂ (µg/m ³)	Nitrogen Dioxide as NO ₂ (µg/m ³)
02.11.2023	27.3	45.9	14.2	18.1
06.11.2023	25.7	49.8	12.9	14.5
08.11.2023	28.1	48.5	12.0	16.0
13.11.2023	26.3	50.3	11.2	14.7
15.11.2023	28.4	47.3	13.5	15.3
20.11.2023	24.5	46.4	12.1	14.2
22.11.2023	27.3	45.8	14.6	18.0
27.11.2023	28.3	47.5	12.5	15.1
29.11.2023	25.2	50.3	13.2	17.3
Minimum	24.5	45.8	11.2	14.2
Maximum	28.4	50.3	14.6	18.1
Average	26.8	48.0	12.9	15.9
98%ile	28.4	50.3	14.5	18.1
NAAQ Standard	60	100	80	80

All the above values are expressed in µg/m³

GPS - AAQI: Near Runway 6 (Airside), 12° 56.876' N, 74° 52.466' E


Dr. Subba Reddy Mallampati

Manager-Environment

ISSUED TO:

M/S. MANGALURU INTERNATIONAL AIRPORT
 LIMITED.,
 BAJPE MAIN RD,
 KENJAR HC,
 KARNATAKA 574142.

Report Number : VLL/VLS/23/13848/002
 Issued Date : 2023.12.08
 P. Order Ref : 5700315733
 P.O. Date : 04.10.2022

SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING
 @ Near Car Parking Area

Page 1 of 1

Frequency Of Sampling	Weekly Twice
Time Weighted Average	24 Hours
Month of Monitoring	November 2023
Sampling & Analysis Method	PM10 - IS:5182 P-23; PM2.5 - IS:5182P-24; SO ₂ - IS:5182 P2 & 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

Date of Sampling	RESULTS (µg/m ³)			
	Particulates Matter as PM _{2.5} (µg/m ³)	Particulates Matter as PM ₁₀ (µg/m ³)	Sulphur Dioxide as SO ₂ (µg/m ³)	Nitrogen Dioxide as NO ₂ (µg/m ³)
02.11.2023	25.8	50.2	13.7	15.2
06.11.2023	24.6	44.0	11.1	14.9
08.11.2023	31.8	53.7	13.2	20.1
13.11.2023	22.6	50.4	10.7	14.9
15.11.2023	32.6	49.5	13.8	19.4
20.11.2023	23.5	45.1	9.3	14.3
22.11.2023	25.2	53.1	11.7	17.2
27.11.2023	30.5	43.7	10.9	15.1
29.11.2023	28.3	48.1	13.0	17.5
Minimum	22.6	43.7	9.3	14.3
Maximum	32.6	53.7	13.8	20.1
Average	27.2	48.6	11.9	16.5
98%ile	32.5	53.6	13.8	20.0
NAAQ Standard	60	100	80	80

All the above values are expressed in µg/m³

GPS - AAQ2: Near Car Parking Area: 12° 57'05.71"N, 74°52'18.65"E



Dr. Subba Reddy Mallampati
 Manager-Environment

ISSUED TO:

M/S. MANGALURU INTERNATIONAL AIRPORT
LIMITED.,
BAJPE MAIN RD,
KENJAR HC,
KARNATAKA 574142.

Report Number : VLL/VLS/23/13848/003
Issued Date : 2023.12.08
P. Order Ref : 5700315733
P.O. Date : 04.10.2022

SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING
@ Near Old Terminal Building

Page 1 of 1

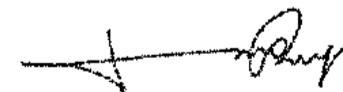
Frequency Of Sampling	Weekly Twice
Time Weighted Average	24 Hours
Month of Monitoring	November 2023
Sampling & Analysis Method	PM10 - IS:5182 P-23; PM2.5 - IS:5182P-24; SO2 - IS:5182 P2 & NO2 - IS:5182 P-6;
Test Required	PM ₁₀ , PM _{2.5} , SO ₂ and NO ₂ ,
Sample collected by	Vimta labs Ltd

TEST REPORT

Date of Sampling	RESULTS (µg/m ³)			
	Particulates Matter as PM _{2.5} (µg/m ³)	Particulates Matter as PM ₁₀ (µg/m ³)	Sulphur Dioxide as SO ₂ (µg/m ³)	Nitrogen Dioxide as NO ₂ (µg/m ³)
02.11.2023	23.9	48.7	12.8	16.7
06.11.2023	26.3	50.1	11.1	13.2
08.11.2023	24.2	48.0	13.1	15.8
13.11.2023	22.4	52.7	12.6	13.9
15.11.2023	28.5	46.3	11.6	15.5
20.11.2023	24.1	49.0	10.5	16.3
22.11.2023	26.3	45.8	13.7	14.8
27.11.2023	22.6	52.6	12.0	13.7
29.11.2023	25.7	48.2	11.7	15.3
Minimum	22.4	45.8	10.5	13.2
Maximum	28.5	52.7	13.7	16.7
Average	24.9	49.0	12.1	15.0
98%le	28.1	52.7	13.6	16.6
NAAQ Standard	60	100	80	80

All the above values are expressed in µg/m³

GPS – AAQ3: Near Old Terminal Building, 12° 57'49.47"N, 74°53'27.51"E



Dr. Subba Reddy Mallampati
Manager-Environment

Vimta Labs Limited

Registered Office

142, IDA Phase II, Cherlapally
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F : +91 40 2726 3657**ISSUED TO:**

**M/S. MANGALURU INTERNATIONAL AIRPORT
LIMITED.,
BAJPE MAIN RD,
KENJAR HC,
KARNATAKA 574142.**

Report Number : VLL/VLS/23/13848/004
Issued Date : 2023.12.08
P. Order Ref : 5700315733
P.O. Date : 04.10.2022

**SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING
@ Near NATS Building**

Page 1 of 1

Frequency Of Sampling	: Weekly Twice
Time Weighted Average	: 24 Hours
Month of Monitoring	: November 2023
Sampling & Analysis Method	: PM10 - IS:5182 P-23; PM2.5 - IS:5182P-24; SO2 - IS:5182 P2 & NO2 - IS:5182 P-6;
Test Required	: PM ₁₀ , PM _{2.5} , SO ₂ and NO ₂ ,
Sample collected by Vimta labs ltd	

TEST REPORT

Date of Sampling	RESULTS (µg/m ³)			
	Particulates Matter as PM _{2.5} (µg/m ³)	Particulates Matter as PM ₁₀ (µg/m ³)	Sulphur Dioxide as SO ₂ (µg/m ³)	Nitrogen Dioxide as NO ₂ (µg/m ³)
02.11.2023	24.2	43.9	12.0	15.3
06.11.2023	25.9	46.8	11.0	13.2
08.11.2023	25.2	43.5	13.1	14.9
13.11.2023	26.9	44.6	9.2	12.6
15.11.2023	23.7	47.8	12.9	14.7
20.11.2023	25.4	46.1	11.2	12.6
22.11.2023	24.7	45.9	13.1	15.2
27.11.2023	26.4	44.3	9.5	12.6
29.11.2023	23.6	46.9	12.1	14.6
Minimum	23.6	43.5	9.2	12.6
Maximum	26.9	47.8	13.1	15.3
Average	25.1	45.5	11.6	14.0
98%le	26.8	47.7	13.1	15.3
NAAQ Standard	60	100	80	80

All the above values are expressed in µg/m³

GPS - AAQ4: Near NATS Building: 12° 57'33.60"N, 74°53'13.99"E

Dr. Subba Reddy Mallampati
Manager-Environment

ISSUED TO:

M/S. MANGALURU INTERNATIONAL AIRPORT
LIMITED.,
BAJPE MAIN RD,
KENJAR HC,
KARNATAKA 574142.

Report Number : VLL/VLS/23/15756/001
Issued Date : 2024.01.08
P. Order Ref : 5700335314
P.O. Date : 09.12.2023

SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING
@ Near Runway 6 (Airside)

Page 1 of 1

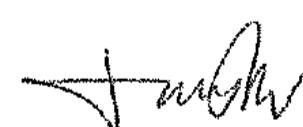
Frequency Of Sampling : Weekly Twice
Time Weighted Average : 24 Hours
Month of Monitoring : December 2023
Sampling & Analysis Method : PM10 - IS:5182 P-23; PM2.5 - IS:5182P-24; SO2 - IS:5182 P2 &
NO2 - IS:5182 P-6;
Test Required : PM₁₀, PM_{2.5}, SO₂ and NO₂,
Sample collected by Vimta labs ltd

TEST REPORT

Date of Sampling	RESULTS (µg/m ³)			
	Particulates Matter as PM _{2.5} (µg/m ³)	Particulates Matter as PM ₁₀ (µg/m ³)	Sulphur Dioxide as SO ₂ (µg/m ³)	Nitrogen Dioxide as NO ₂ (µg/m ³)
04.12.2023	30.6	57.3	13.3	16.4
06.12.2023	34.6	53.4	11.7	17.2
11.12.2023	32.4	57.2	12.5	14.9
13.12.2023	30.2	52.1	13.7	17.3
18.12.2023	33.8	56.2	12.6	19.4
20.12.2023	35.4	49.5	13.2	16.8
25.12.2023	30.0	54.0	12.4	15.1
27.12.2023	33.7	58.1	13.2	16.4
Minimum	30.2	49.5	11.7	14.9
Maximum	35.4	58.1	13.7	19.4
Average	32.6	54.7	12.8	16.7
98%le	35.3	58.0	13.6	19.1
NAAQ Standard	60	100	80	80

All the above values are expressed in µg/m³

GPS - AAQI: Near Runway 6 (Airside), 12° 56.876' N, 74° 52.466' E



Dr. Subba Reddy Mallampati

Manager-Environment

ISSUED TO:

M/S. MANGALURU INTERNATIONAL AIRPORT
LIMITED.,
BAJPE MAIN RD,
KENJAR HC,
KARNATAKA 574142.

Report Number : VLL/VLS/23/15756/002
Issued Date : 2024.01.08
P. Order Ref : 5700335314
P.O. Date : 09.12.2023

SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING
@ Near Car Parking Area

Page 1 of 1

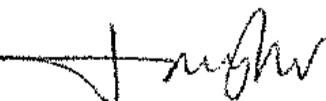
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Time Weighted Average	: 24 Hours
Month of Monitoring	: December 2023
Sampling &Analysis Method	: PM10 - IS:5182 P-23; PM2.5 - IS:5182P-24; SO ₂ - IS:5182 P2 & NO ₂ - IS:5182 P-6;
Test Required	: PM ₁₀ , PM _{2.5} , SO ₂ and NO ₂ ,
Sample collected by	Vimta labs ltd

TEST REPORT

Date of Sampling	RESULTS (µg/m ³)			
	Particulates Matter as PM _{2.5} (µg/m ³)	Particulates Matter as PM ₁₀ (µg/m ³)	Sulphur Dioxide as SO ₂ (µg/m ³)	Nitrogen Dioxide as NO ₂ (µg/m ³)
04.12.2023	39.7	54.1	12.6	17.3
06.12.2023	36.3	58.2	14.4	21.5
11.12.2023	33.2	54.3	11.3	18.9
13.12.2023	40.2	59.3	12.9	15.4
18.12.2023	35.4	51.5	13.1	19.2
20.12.2023	32.8	55.3	11.1	16.4
25.12.2023	42.3	60.3	14.1	14.7
27.12.2023	30.5	55.2	12.1	13.9
Minimum	30.5	51.5	11.1	13.9
Maximum	42.3	60.3	14.4	21.5
Average	36.3	56.0	12.7	17.2
98%le	42.0	60.2	14.4	21.2
NAAQ Standard	60	100	80	80

All the above values are expressed in µg/m³

GPS - AAQ2: Near Car Parking Area: 12° 57'05.71"N, 74°52'18.65"E



Dr. Subba Reddy Mallampati
Manager-Environment

ISSUED TO:

M/S. MANGALURU INTERNATIONAL AIRPORT
LIMITED.,
BAJPE MAIN RD,
KENJAR HC,
KARNATAKA 574142.

Report Number : VLL/VLS/23/15756/003
Issued Date : 2024.01.08
P. Order Ref : 5700335314
P.O. Date : 09.12.2023

SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING
@ Near Old Terminal Building

Page 1 of 1

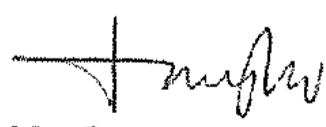
Frequency Of Sampling	Weekly Twice
Time Weighted Average	24 Hours
Month of Monitoring	December 2023
Sampling & Analysis Method	PM10 - IS:5182 P-23; PM2.5 - IS:5182P-24; SO ₂ - IS:5182 P2 & NO ₂ - IS:5182 P-6;
Test Required	PM ₁₀ , PM _{2.5} , SO ₂ and NO ₂ ,
Sample collected by	Vimta labs ltd

TEST REPORT

Date of Sampling	RESULTS (µg/m ³)			
	Particulates Matter as PM _{2.5} (µg/m ³)	Particulates Matter as PM ₁₀ (µg/m ³)	Sulphur Dioxide as SO ₂ (µg/m ³)	Nitrogen Dioxide as NO ₂ (µg/m ³)
04.12.2023	30.4	50.8	11.7	17.6
06.12.2023	32.4	52.3	13.4	16.3
11.12.2023	35.4	59.2	12.8	14.9
13.12.2023	33.2	53.0	11.2	15.5
18.12.2023	37.4	50.7	13.3	17.2
20.12.2023	30.2	54.2	11.4	15.5
25.12.2023	37.2	51.6	12.2	16.0
27.12.2023	29.7	53.8	10.9	15.0
Minimum	29.7	50.7	10.9	14.9
Maximum	37.4	59.2	13.4	17.6
Average	33.2	53.2	12.1	16.0
98%ile	37.4	58.5	13.4	17.5
NAAQ Standard	60	100	80	80

All the above values are expressed in µg/m³

GPS – AAQ3: Near Old Terminal Building: 12° 57'49.47"N, 74°53'27.51"E



Dr. Subba Reddy Mallampati

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ISSUED TO:

M/S. MANGALURU INTERNATIONAL AIRPORT
LIMITED.,
BAJPE MAIN RD,
KENJAR HC,
KARNATAKA 574142.

Report Number : VLL/VLS/23/15756/004
Issued Date : 2024.01.08
P. Order Ref : 5700335314
P.O. Date : 09.12.2023

SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING
@ Near NATS Building

Page 1 of 1

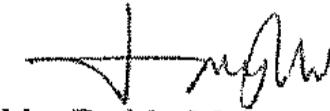
Frequency Of Sampling	Weekly Twice
Time Weighted Average	24 Hours
Month of Monitoring	December 2023
Sampling & Analysis Method	PM10 - IS:5182 P-23; PM2.5 - IS:5182P-24; SO2 - IS:5182 P2 & NO2 - IS:5182 P-6;
Test Required	PM ₁₀ , PM _{2.5} , SO ₂ and NO ₂ ,
Sample collected by	Vimta labs Ltd

TEST REPORT

Date of Sampling	RESULTS (µg/m ³)			
	Particulates Matter as PM _{2.5} (µg/m ³)	Particulates Matter as PM ₁₀ (µg/m ³)	Sulphur Dioxide as SO ₂ (µg/m ³)	Nitrogen Dioxide as NO ₂ (µg/m ³)
04.12.2023	28.3	52.1	10.8	13.3
06.12.2023	33.1	47.1	12.4	14.1
11.12.2023	34.3	53.1	13.3	15.8
13.12.2023	31.7	46.6	11.3	14.6
18.12.2023	36.4	53.2	12.1	15.6
20.12.2023	33.0	49.5	10.4	13.0
25.12.2023	30.2	52.5	12.7	14.3
27.12.2023	36.2	47.3	11.7	15.3
Minimum	28.3	46.6	10.4	13.0
Maximum	36.4	53.2	13.3	15.8
Average	32.9	50.2	11.8	14.5
98%ile	36.4	53.2	13.2	15.8
NAAQ Standard	60	100	80	80

All the above values are expressed in µg/m³

GPS – AAQ4: Near NATS Building: 12° 57'33.60"N, 74°53'13.99"E


Dr. Subba Reddy Mallampati
Manager-Environment

ISSUED TO:

M/S. MANGALURU INTERNATIONAL AIRPORT
LIMITED.,
BAJPE MAIN RD,
KENJAR HC,
KARNATAKA 574142.

Report Number : VLL/VLS/23/17774/001
Issued Date : 2024.02.08
P. Order Ref : 5700335314
P.O. Date : 09.12.2023

SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING
@ Near Runway 6 (Airside)

Page 1 of 1

Frequency Of Sampling : Weekly Twice
Time Weighted Average : 24 Hours
Month of Monitoring : January 2024
Sampling & Analysis Method : PM₁₀ - IS:5182 P-23; PM_{2.5} - IS:5182P-24; SO₂ - IS:5182 P-2 &
NO₂ - IS:5182 P-6;
Test Required : PM₁₀, PM_{2.5}, SO₂ and NO₂.
Sample collected by Vimta labs ltd

TEST REPORT

Date of Sampling	RESULTS (µg/m ³)			
	Particulates Matter as PM _{1.5} (µg/m ³)	Particulates Matter as PM ₁₀ (µg/m ³)	Sulphur Dioxide as SO ₂ (µg/m ³)	Nitrogen Dioxide as NO ₂ (µg/m ³)
01.01.2024	34.3	60.7	11.6	14.3
03.01.2024	36.7	57.6	13.1	15.1
08.01.2024	38.1	60.6	11.5	12.8
10.01.2024	33.6	56.3	12.7	15.2
16.01.2024	37.5	59.6	10.9	14.0
18.01.2024	34.2	53.7	14.2	16.2
22.01.2024	33.9	57.4	13.1	15.5
24.01.2024	35.8	62.3	14.6	16.0
29.01.2024	37.5	54.2	13.0	15.7
31.01.2024	34.0	57.8	12.4	16.4
Minimum	33.6	53.7	10.9	12.8
Maximum	38.1	62.3	14.6	16.4
Average	35.6	58.0	12.7	15.1
98%ile	38.0	62.0	14.5	16.4
NAAQ Standard	60	100	80	80

All the above values are expressed in µg/m³

GPS - AAQ1: Near Runway 6 (Airside); 12° 56.876' N, 74° 52.466' E

Dr. Subba Reddy Mallampati
Manager-Environment

ISSUED TO:

M/S. MANGALURU INTERNATIONAL AIRPORT
LIMITED.,
BAJPE MAIN RD,
KENJAR HC,
KARNATAKA 574142.

Report Number : VLL/VLS/23/17774/002
Issued Date : 2024.02.08
P. Order Ref : 5700335314
P.O. Date : 09.12.2023

Page 1 of 1

SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING
@ Near Car Parking Area

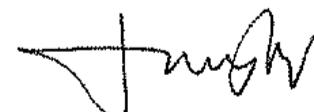
Frequency Of Sampling : Weekly Twice
Time Weighted Average : 24 Hours
Month of Monitoring : January 2024
Sampling & Analysis Method : PM₁₀ - IS:5182 P-23; PM_{2.5} - IS:5182P-24; SO₂ - IS:5182 P-2 &
NO₂ - IS:5182 P-6;
Test Required : PM₁₀, PM_{2.5}, SO₂ and NO₂,
Sample collected by Vimta labs ltd

TEST REPORT

Date of Sampling	RESULTS (µg/m ³)			
	Particulates Matter as PM _{2.5} (µg/m ³)	Particulates Matter as PM ₁₀ (µg/m ³)	Sulphur Dioxide as SO ₂ (µg/m ³)	Nitrogen Dioxide as NO ₂ (µg/m ³)
01.01.2024	41.8	58.3	14.0	18.3
03.01.2024	46.2	61.6	12.7	19.4
08.01.2024	35.3	58.5	13.8	16.8
10.01.2024	43.9	62.7	11.2	15.2
16.01.2024	37.5	58.2	14.5	17.1
18.01.2024	41.5	58.7	13.2	18.1
22.01.2024	44.4	64.5	11.5	13.7
24.01.2024	38.2	62.4	12.0	14.1
29.01.2024	43.6	65.2	11.7	15.4
31.01.2024	37.2	62.8	13.2	16.8
Minimum	35.3	58.2	11.2	13.7
Maximum	46.2	65.2	14.5	19.4
Average	41.0	61.3	12.8	16.5
98%le	45.9	65.1	14.4	19.2
NAAQ Standard	60	100	80	80

All the above values are expressed in µg/m³

GPS - AAQ2: Near Car Parking Area: 12° 57'05.71"N, 74°52'18.65"E



Dr. Subba Reddy Mallampati

Manager-Environment

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. MANGALURU INTERNATIONAL AIRPORT
LIMITED.,
BAJPE MAIN RD,
KENJAR HC,
KARNATAKA 574142.**

Report Number : VLL/VLS/23/17774/003
Issued Date : 2024.02.08
P. Order Ref : 5700335314
P.O. Date : 09.12.2023

Page 1 of 1

**SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING
@ Near Old Terminal Building**

Frequency Of Sampling : Weekly Twice
Time Weighted Average : 24 Hours
Month of Monitoring : January 2024
Sampling & Analysis Method : PM₁₀ - IS:5182 P-23; PM_{2.5} - IS:5182P-24; SO₂ - IS:5182 P-2 &
NO₂ - IS:5182 P-6;
Test Required : PM₁₀, PM_{2.5}, SO₂ and NO₂,
Sample collected by Vimta labs ltd

TEST REPORT

Date of Sampling	RESULTS (µg/m ³)			
	Particulates Matter as PM _{2.5} (µg/m ³)	Particulates Matter as PM ₁₀ (µg/m ³)	Sulphur Dioxide as SO ₂ (µg/m ³)	Nitrogen Dioxide as NO ₂ (µg/m ³)
01.01.2024	30.4	55.0	13.1	15.5
03.01.2024	36.1	55.7	11.7	14.2
08.01.2024	37.5	63.4	13.8	16.2
10.01.2024	36.9	56.4	10.8	13.4
16.01.2024	35.2	54.9	13.2	15.1
18.01.2024	33.9	57.6	11.1	13.4
22.01.2024	39.3	55.8	13.6	15.5
24.01.2024	33.4	57.2	10.5	12.9
29.01.2024	37.1	61.8	12.2	14.3
31.01.2024	32.9	57.2	11.7	14.8
Minimum	30.4	54.9	10.5	12.9
Maximum	39.3	63.4	13.8	16.2
Average	35.3	57.5	12.2	14.5
98%ile	39.0	63.1	13.8	16.1
NAAQ Standard	60	100	80	80

All the above values are expressed in µg/m³

GPS - AAQ3: Near Old Terminal Building: 12° 57'49.47"N, 74°53'27.51"E

Dr. Subba Reddy Mallampati
Manager-Environment

ISSUED TO:

M/S. MANGALURU INTERNATIONAL AIRPORT
LIMITED.,
BAJPE MAIN RD,
KENJAR HC,
KARNATAKA 574142.

Report Number : VLL/VLS/23/17774/004
Issued Date : 2024.02.08
P. Order Ref : 5700335314
P.O. Date : 09.12.2023

Page 1 of 1

SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING
@ Near NATS Building

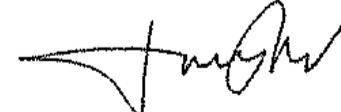
Frequency Of Sampling : Weekly Twice
Time Weighted Average : 24 Hours
Month of Monitoring : January 2024
Sampling & Analysis Method : PM₁₀ - IS:5182 P-23; PM_{2.5} - IS:5182P-24; SO₂ - IS:5182 P-2 &
NO₂ - IS:5182 P-6;
Test Required : PM₁₀, PM_{2.5}, SO₂ and NO₂,
Sample collected by Vimta labs ltd

TEST REPORT

Date of Sampling	RESULTS (µg/m ³)			
	Particulates Matter as PM _{2.5} (µg/m ³)	Particulates Matter as PM ₁₀ (µg/m ³)	Sulphur Dioxide as SO ₂ (µg/m ³)	Nitrogen Dioxide as NO ₂ (µg/m ³)
01.01.2024	32.0	55.5	11.2	14.0
03.01.2024	35.2	60.3	13.8	13.3
08.01.2024	38.0	56.5	11.6	13.7
10.01.2024	33.8	50.8	12.7	14.1
16.01.2024	40.1	56.6	10.4	13.5
18.01.2024	35.1	53.7	11.8	15.0
22.01.2024	33.9	61.7	11.0	13.8
24.01.2024	38.3	56.3	13.1	14.4
29.01.2024	42.7	59.6	12.8	15.3
31.01.2024	35.3	54.3	10.6	13.8
Minimum	32.0	50.8	10.4	13.3
Maximum	42.7	61.7	13.8	15.3
Average	36.4	56.5	11.9	14.1
98%ile	42.2	61.4	13.7	15.2
NAAQ Standard	60	100	80	80

All the above values are expressed in µg/m³

GPS - AAQ4: Near NATS Building: 12° 57'33.60"N, 74°53'13.99"E


 Dr. Subba Reddy Mallampati
 Manager-Environment

ISSUED TO:

M/S. MANGALURU INTERNATIONAL AIRPORT
LIMITED.,
BAJPE MAIN RD,
KENJAR HC,
KARNATAKA 574142.

Report Number : VLL/VLS/23/20566/001
Issued Date : 2024.03.09
P. Order Ref : 5700335314
P.O. Date : 09.12.2023

SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING
@ Near Runway 6 (Airside)

Page 1 of 1

Frequency Of Sampling : Weekly Twice
Time Weighted Average : 24 Hours
Month of Monitoring : February 2024
Sampling & Analysis Method : PM₁₀ - IS:5182 P-23; PM_{2.5} - IS:5182P-24; SO₂ - IS:5182 P-2 &
NO₂ - IS:5182 P-6;
Test Required : PM₁₀, PM_{2.5}, SO₂ and NO₂,
Sample collected by Vimta labs Ltd

TEST REPORT

Date of Sampling	RESULTS (µg/m ³)			
	Particulates Matter as PM _{2.5} (µg/m ³)	Particulates Matter as PM ₁₀ (µg/m ³)	Sulphur Dioxide as SO ₂ (µg/m ³)	Nitrogen Dioxide as NO ₂ (µg/m ³)
05.02.2024	36.6	65.4	12.1	13.4
07.02.2024	39.5	61.8	10.3	14.2
12.02.2024	40.9	63.2	13.2	15.1
14.02.2024	37.3	60.9	12.7	11.3
19.02.2024	34.5	66.5	13.8	12.3
21.02.2024	36.1	58.4	12.9	11.9
26.02.2024	35.7	62.6	10.7	14.4
28.02.2024	38.6	59.3	11.6	13.7
Minimum	34.5	58.4	10.3	11.3
Maximum	40.9	66.5	13.8	15.1
Average	37.4	62.3	12.2	13.3
98%le	40.7	66.3	13.7	15.0
NAAQ Standard	60	100	80	80

All the above values are expressed in µg/m³

GPS - AAQ1: Near Runway 6 (Airside); 12° 56.876' N, 74° 52.466' E

Dr. Subba Reddy Mallampati
Manager-Environment

ISSUED TO:

M/S. MANGALURU INTERNATIONAL AIRPORT
LIMITED.,
BAJPE MAIN RD,
KENJAR HC,
KARNATAKA 574142.

Report Number : VLL/VLS/23/20566/002
Issued Date : 2024.03.09
P. Order Ref : 5700335314
P.O. Date : 09.12.2023

SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING
@ Near Car Parking Area

Page 1 of 1

Frequency Of Sampling	: Weekly Twice
Time Weighted Average	: 24 Hours
Month of Monitoring	: February 2024
Sampling & Analysis Method	: PM ₁₀ - IS:5182 P-23; PM _{2.5} - IS:5182P-24; SO ₂ - IS:5182 P-2 & 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

Date of Sampling	RESULTS (µg/m ³)			
	Particulates Matter as PM _{2.5} (µg/m ³)	Particulates Matter as PM ₁₀ (µg/m ³)	Sulphur Dioxide as SO ₂ (µg/m ³)	Nitrogen Dioxide as NO ₂ (µg/m ³)
05.02.2024	43.6	63.8	12.2	16.7
07.02.2024	41.7	65.8	11.8	17.8
12.02.2024	49.9	68.7	13.6	18.2
14.02.2024	47.6	67.3	11.3	13.6
19.02.2024	37.3	62.4	12.8	15.9
21.02.2024	45.2	60.5	10.8	17.3
26.02.2024	48.1	64.2	12.6	15.3
28.02.2024	40.8	66.6	13.3	16.2
Minimum	37.3	60.5	10.8	13.6
Maximum	49.9	68.7	13.6	18.2
Average	44.3	64.9	12.3	16.4
98%ile	49.6	68.5	13.6	18.1
NAAQ Standard	60	100	80	80

All the above values are expressed in µg/m³

GPS - AAQ2: Near Car Parking Area: 12° 57'05.71"N, 74°52'18.65"E



Dr. Subba Reddy Mallampati
Manager-Environment

ISSUED TO:

M/S. MANGALURU INTERNATIONAL AIRPORT
 LIMITED.,
 BAJPE MAIN RD,
 KENJAR HC,
 KARNATAKA 574142.

Report Number : VLL/VLS/23/20566/003
 Issued Date : 2024.03.09
 P. Order Ref : 5700335314
 P.O. Date : 09.12.2023

SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING
 @ Near Old Terminal Building

Page 1 of 1

Frequency Of Sampling	: Weekly Twice
Time Weighted Average	: 24 Hours
Month of Monitoring	: February 2024
Sampling & Analysis Method	: PM ₁₀ - IS:5182 P-23; PM _{2.5} - IS:5182P-24; SO ₂ - IS:5182 P-2 & 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

Date of Sampling	RESULTS (µg/m ³)			
	Particulates Matter as PM _{2.5} (µg/m ³)	Particulates Matter as PM ₁₀ (µg/m ³)	Sulphur Dioxide as SO ₂ (µg/m ³)	Nitrogen Dioxide as NO ₂ (µg/m ³)
05.02.2024	37.2	61.3	12.8	13.7
07.02.2024	38.7	58.5	10.3	12.8
12.02.2024	41.9	66.2	14.1	15.5
14.02.2024	39.5	60.6	11.5	12.3
19.02.2024	33.7	57.7	12.4	14.4
21.02.2024	36.5	56.3	13.5	15.1
26.02.2024	32.3	59.2	10.9	14.8
28.02.2024	40.8	63.4	13.7	12.5
Minimum	32.3	56.3	10.3	12.3
Maximum	41.9	66.2	14.1	15.5
Average	37.6	60.4	12.4	13.9
98%ile	41.7	65.8	14.0	15.4
NAAQ Standard	60	100	80	80

All the above values are expressed in µg/m³

GPS - AAQ3: Near Old Terminal Building: 12° 57'49.47"N, 74°53'27.51"E



 Dr. Subba Reddy Mallampati

Manager-Environment

ISSUED TO:

M/S. MANGALURU INTERNATIONAL AIRPORT
 LIMITED.,
 BAJPE MAIN RD,
 KENJAR HC,
 KARNATAKA 574142.

Report Number : VLL/VLS/23/20566/004
 Issued Date : 2024.03.09
 P. Order Ref : 5700335314
 P.O. Date : 09.12.2023

SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING
 @ Near NATS Building

Page 1 of 1

Frequency Of Sampling	: Weekly Twice
Time Weighted Average	: 24 Hours
Month of Monitoring	: February 2024
Sampling & Analysis Method	: PM ₁₀ - IS:5182 P-23; PM _{2.5} - IS:5182P-24; SO ₂ - IS:5182 P-2 & 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

Date of Sampling	RESULTS (μg/m ³)			
	Particulates Matter as PM _{2.5} (μg/m ³)	Particulates Matter as PM ₁₀ (μg/m ³)	Sulphur Dioxide as SO ₂ (μg/m ³)	Nitrogen Dioxide as NO ₂ (μg/m ³)
05.02.2024	39.8	58.9	12.1	15.4
07.02.2024	37.3	63.7	11.9	14.7
12.02.2024	40.1	62.3	14.3	16.2
14.02.2024	42.3	53.4	13.4	15.9
19.02.2024	38.2	65.2	11.1	16.4
21.02.2024	41.4	64.8	12.5	12.9
26.02.2024	35.7	57.5	11.7	14.3
28.02.2024	40.9	59.7	10.6	13.2
Minimum	35.7	53.4	10.6	12.9
Maximum	42.3	65.2	14.3	16.4
Average	39.5	60.7	12.2	14.9
98%le	42.2	65.1	14.2	16.4
NAAQ Standard	60	100	80	80

All the above values are expressed in μg/m³

GPS – AAQ4: Near NATS Building: 12° 57'33.60"N, 74°53'13.99"E

Dr. Subba Reddy Mallampati
 Manager-Environment

ISSUED TO:

M/S. MANGALURU INTERNATIONAL AIRPORT
LIMITED.,
BAJPE MAIN RD,
KENJAR HIC,
KARNATAKA 574142.

Report Number : VLL/VLS/23/22604/001
Issued Date : 2024.04.04
P. Order Ref : 5700335314
P.O. Date : 09.12.2023

SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING
(@ Near Runway 6 (Airside))

Page 1 of 1

Frequency Of Sampling	: Weekly Twice
Time Weighted Average	: 24 Hours
Month of Monitoring	: March 2024
Sampling & Analysis Method	: PM ₁₀ - IS:5182 P-23; PM _{2.5} - IS:5182P-24; SO ₂ - IS:5182 P-2 & 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

Date of Sampling	RESULTS (µg/m ³)			
	Particulates Matter as PM _{2.5} (µg/m ³)	Particulates Matter as PM ₁₀ (µg/m ³)	Sulphur Dioxide as SO ₂ (µg/m ³)	Nitrogen Dioxide as NO ₂ (µg/m ³)
04.03.2024	40.4	68.6	13.3	14.6
06.03.2024	38.5	65.0	12.1	15.4
11.03.2024	37.4	60.3	10.6	14.3
13.03.2024	39.4	64.1	11.5	16.0
18.03.2024	41.5	59.7	12.1	13.5
20.03.2024	38.2	63.2	13.2	14.6
25.03.2024	42.7	65.8	11.8	15.6
27.03.2024	40.7	62.5	10.8	14.9
Minimum	37.4	59.7	10.6	13.5
Maximum	42.7	68.6	13.3	16.0
Average	39.9	63.7	11.9	14.9
98%ile	42.5	68.2	13.3	15.9
NAAQ Standard	60	100	80	80

All the above values are expressed in µg/m³

GPS - AAQ1: Near Runway 6 (Airside), 12° 56.876' N, 74° 52.466' E



Dr. Subba Reddy Mallampati
Manager-Environment

ISSUED TO:

M/S. MANGALURE INTERNATIONAL AIRPORT
LIMITED.,
BAJPE MAIN RD,
KENJAR HC,
KARNATAKA 574142.

Report Number : VLL/VLS/23/22604/002
Issued Date : 2024.04.04
P. Order Ref : 5700335314
P.O. Date : 09.12.2023

SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING
@ Near Car Parking Area

Page 1 of 1

Frequency Of Sampling	: Weekly Twice
Time Weighted Average	: 24 Hours
Month of Monitoring	: March 2024
Sampling & Analysis Method	: PM ₁₀ - IS:5182 P-23; PM _{2.5} - IS:5182P-24; SO ₂ - IS:5182 P-2 & 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

Date of Sampling	RESULTS (µg/m ³)			
	Particulates Matter as PM _{2.5} (µg/m ³)	Particulates Matter as PM ₁₀ (µg/m ³)	Sulphur Dioxide as SO ₂ (µg/m ³)	Nitrogen Dioxide as NO ₂ (µg/m ³)
04.03.2024	47.4	59.3	10.6	18.6
06.03.2024	44.3	69.6	12.7	17.3
11.03.2024	46.3	71.3	11.5	15.9
13.03.2024	50.2	64.8	13.5	19.1
18.03.2024	44.6	66.2	10.8	17.8
20.03.2024	49.5	69.2	11.8	15.3
25.03.2024	50.7	72.9	13.2	17.2
27.03.2024	45.7	70.4	12.3	18.1
Minimum	44.3	59.3	10.6	15.3
Maximum	50.7	72.9	13.5	19.1
Average	47.3	68.0	12.1	17.4
98%le	50.6	72.7	13.5	19.0
NAAQ Standard	60	100	80	80

All the above values are expressed in µg/m³

GPS - AAQ2: Near Car Parking Area: 12° 57'05.71"N, 74°52'18.65"E



Dr. Subba Reddy Mallampati
Manager-Environment

ISSUED TO:

M/S. MANGALURU INTERNATIONAL AIRPORT
 LIMITED.,
 BAJPE MAIN RD,
 KENJAR HC,
 KARNATAKA 574142.

Report Number : VLL/VLS/23/22604/003
 Issued Date : 2024.04.04
 P. Order Ref : 5700335314
 P.O. Date : 09.12.2023

SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING
 @ Near Old Terminal Building

Page 1 of 1

Frequency Of Sampling	Weekly Twice
Time Weighted Average	24 Hours
Month of Monitoring	March 2024
Sampling & Analysis Method	PM ₁₀ - IS:5182 P-23; PM _{2.5} - IS:5182P-24; SO ₂ - IS:5182 P-2 & 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

Date of Sampling	RESULTS (µg/m ³)			
	Particulates Matter as PM _{2.5} (µg/m ³)	Particulates Matter as PM ₁₀ (µg/m ³)	Sulphur Dioxide as SO ₂ (µg/m ³)	Nitrogen Dioxide as NO ₂ (µg/m ³)
04.03.2024	43.6	65.2	10.8	14.6
06.03.2024	40.1	61.0	11.5	13.7
11.03.2024	37.4	58.3	10.9	12.6
13.03.2024	42.8	63.1	12.7	13.2
18.03.2024	35.3	63.5	13.6	16.0
20.03.2024	39.8	59.3	11.7	14.3
25.03.2024	35.5	61.7	12.1	15.7
27.03.2024	38.4	65.9	11.6	13.4
Minimum	35.3	58.3	10.8	12.6
Maximum	43.6	65.9	13.6	16.0
Average	39.1	62.3	11.9	14.2
98%ile	43.5	65.8	13.5	16.0
NAAQ Standard	60	100	80	80

All the above values are expressed in µg/m³

GPS - AAQ3: Near Old Terminal Building; 12° 57'49.47"N, 74°53'27.51"E



Dr. Subba Reddy Mallampati
 Manager-Environment

ISSUED TO:

M/S. MANGALURU INTERNATIONAL AIRPORT
LIMITED.,
BAJPE MAIN RD,
KENJAR HC,
KARNATAKA 574142.

Report Number : VLL/VLS/23/22604/004
Issued Date : 2024.04.04
P. Order Ref : 5700335314
P.O. Date : 09.12.2023

SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING
@ Near NATS Building

Page 1 of 1

Frequency Of Sampling	: Weekly Twice
Time Weighted Average	: 24 Hours
Month of Monitoring	: March 2024
Sampling & Analysis Method	: PM ₁₀ - IS:5182 P-23; PM _{2.5} - IS:5182P-24; SO ₂ - IS:5182 P-2 & 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

Date of Sampling	RESULTS (µg/m ³)			
	Particulates Matter as PM _{2.5} (µg/m ³)	Particulates Matter as PM ₁₀ (µg/m ³)	Sulphur Dioxide as SO ₂ (µg/m ³)	Nitrogen Dioxide as NO ₂ (µg/m ³)
04.03.2024	37.8	63.4	13.7	14.4
06.03.2024	44.6	66.5	10.8	15.5
11.03.2024	42.0	58.3	12.4	14.6
13.03.2024	39.7	60.6	11.5	15.8
18.03.2024	40.1	68.0	12.7	14.8
20.03.2024	38.3	55.8	11.6	13.7
25.03.2024	37.6	60.3	13.3	15.1
27.03.2024	43.1	65.2	12.2	14.0
Minimum	37.6	55.8	10.8	13.7
Maximum	44.6	68.0	13.7	15.8
Average	40.4	62.3	12.3	14.7
98%ile	44.4	67.8	13.6	15.8
NAAQ Standard	60	100	80	80

All the above values are expressed in µg/m³

GPS – AAQ4: Near NATS Building: 12° 57'33.60"N, 74° 53'13.99"E



Dr. Subba Reddy Mallampati
Manager-Environment

ANNEXURE-6

Vimta Labs Limited

Registered Office

142, IDA Phase II, Cherlapally
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ISSUED TO:

**M/S MANGALURU INTERNATIONAL AIRPORT
LIMITED.,
BAJPE MAIN RD,
KENJAR HC,
KARNATAKA 574142.**

Report Number : VLL/VLS/23/12113/005
Issued Date : 2023.11.09
P. Order Ref : 5700315733
P.O. Date : 04.10.2022

SAMPLE PARTICULARS : AMBIENT NOISE LEVEL MONITORING

Page 1 of 1

Frequency Of Sampling	Monthly Once in Each Location
Time Weighted Average	24 Hours
Method of Analysis	IS:9989
Month of Monitoring	October 2023
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	
			dB(A)	L-night
1	Near Runway 6 (Air Side)	20.10.2023	67.3	56.1
2	Near Old Terminal Building	04.10.2023	59.8	50.2
3	Near NATS Building	10.10.2023	58.4	53.0
4	Near Car Parking Area	17.10.2023	62.5	55.6
Noise Standards for Airport Zone			70.0	65.0

GPS – 1. Near Runway 6 (Air Side) : 12° 56.876' N, 74° 52.466' E
 2. Near Old Terminal Building : 12° 57'49.538"N, 74°53'27.43"E
 3. Near NATS Building : 12° 57'33.582"N, 74°53'14.238"E
 4. Near Car Parking Area : 12° 57'05.502"N, 74°52'19.902"E

Dr. Subba Reddy Mallampati
Manager-Environment

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 LIMITED.,
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 KARNATAKA 574142.

Report Number : VLL/VLS/23/13848/005
 Issued Date : 2023.12.08
 P. Order Ref : 5700315733
 P.O. Date : 04.10.2022

Page 1 of 1

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	November 2023
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)		dB(A)	
1	Near Runway 6 (Air Side)	28.11.2023	68.8		58.1	
2	Near Old Terminal Building	21.11.2023	57.5		52.2	
3	Near NATS Building	14.11.2023	59.1		51.4	
4	Near Car Parking Area	07.11.2023	60.8		53.8	
	Noise Standards for Airport Zone		70.0		65.0	

GPS – 1. Near Runway 6 (Air Side) : 12° 56.876' N, 74° 52.466' E
 2. Near Old Terminal Building : 12° 57'49.538"N, 74° 53'27.43"E
 3. Near NATS Building : 12° 57'33.582"N, 74° 53'14.238"E
 4. Near Car Parking Area : 12° 57'05.502"N, 74° 52'19.902"E



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Report Number : VLL/VLS/23/15756/005
 Issued Date : 2024.01.08
 P. Order Ref : 5700335314
 P.O. Date : 09.12.2023

Page 1 of 1

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 2023
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	Near Runway 6 (Air Side)	12.12.2023	67.2	59.7
2	Near Old Terminal Building	29.12.2023	56.8	50.1
3	Near NATS Building	22.12.2023	57.4	52.6
4	Near Car Parking Area	27.12.2023	62.2	55.0
	Noise Standards for Airport Zone		70.0	65.0

GPS –

- 1. Near Runway 6 (Air Side) : 12° 56.876' N, 74° 52.466' E
- 2. Near Old Terminal Building : 12° 57'49.538"N, 74°53'27.43"E
- 3. Near NATS Building : 12° 57'33.582"N, 74°53'14.238"E
- 4. Near Car Parking Area : 12° 57'05.502"N, 74°52'19.902"E

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Report Number : VLL/VLS/23/17774/005
 Issued Date : 2024.02.08
 P. Order Ref : 5700335314
 P.O. Date : 09.12.2023

Page 1 of 1

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 2024
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)	dB(A)
1	Near Runway 6 (Air Side)	23.01.2024	681.	61.2
2	Near Old Terminal Building	02.01.2024	58.0	51.7
3	Near NATS Building	09.01.2024	56.3	50.8
4	Near Car Parking Area	17.01.2024	63.2	57.2
Noise Standards for Airport Zone			70.0	65.0

GPS – 1. Near Runway 6 (Air Side) : 12° 56.876' N, 74° 52.466' E
 2. Near Old Terminal Building : 12° 57'49.538"N, 74°53'27.43"E
 3. Near NATS Building : 12° 57'33.582"N, 74°53'14.238"E
 4. Near Car Parking Area : 12° 57'05.502"N, 74°52'19.902"E

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 Manager-Environment

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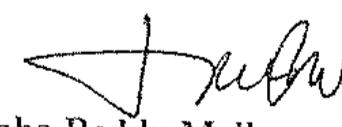
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Issued Date : 2024.03.09
P. Order Ref : 5700335314
P.O. Date : 09.12.2023

SAMPLE PARTICULARS		AMBIENT NOISE LEVEL MONITORING	Page 1 of 1
Frequency Of Sampling		Monthly Once in Each Location	
Time Weighted Average		24 Hours	
Method of Analysis		IS:9989	
Month of Monitoring		February 2024	
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	Near Runway 6 (Air Side)	22.02.2024	66.8	62.4
2	Near Old Terminal Building	20.02.2024	60.6	53.1
3	Near NATS Building	13.02.2024	58.7	48.3
4	Near Car Parking Area	06.02.2024	64.5	56.5
Noise Standards for Airport Zone			70.0	65.0

GPS - 1. Near Runway 6 (Air Side) : 12° 56.876' N, 74° 52.466' E
 2. Near Old Terminal Building : 12° 57'49.538"N, 74°53'27.43"E
 3. Near NATS Building : 12° 57'33.582"N, 74°53'14.238"E
 4. Near Car Parking Area : 12° 57'05.502"N, 74°52'19.902"E


Dr. Subba Reddy Mallampati
Manager-Environment

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KARNATAKA 574142.**

Report Number : VLL/VLS/23/22604/005
Issued Date : 2024.04.04
P. Order Ref : 5700335314
P.O. Date : 09.12.2023

SAMPLE PARTICULARS		AMBIENT NOISE LEVEL MONITORING	Page 1 of 1	
Frequency Of Sampling		Monthly Once in Each Location		
Time Weighted Average		24 Hours		
Method of Analysis		IS:9989		
Month of Monitoring		March 2024		
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	Near Runway 6 (Air Side)	22.03.2024	67.3	63.1
2	Near Old Terminal Building	26.03.2024	61.1	51.2
3	Near NATS Building	21.03.2024	59.4	50.3
4	Near Car Parking Area	28.03.2024	62.2	54.6
	Noise Standards for Airport Zone		70.0	65.0

GPS - 1. Near Runway 6 (Air Side) : 12° 56' 8.76" N, 74° 52' 46.6" E
 2. Near Old Terminal Building : 12° 57' 49.538" N, 74° 53' 27.43" E
 3. Near NATS Building : 12° 57' 33.582" N, 74° 53' 14.238" E
 4. Near Car Parking Area : 12° 57' 05.502" N, 74° 52' 19.902" E



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KARNATAKA 574142.

Report Number : VLL/VLS/23/15756/010
Issued Date : 2024.01.08
P. Order Ref : 5700335314
P.O. Date : 09.12.2023

SAMPLE PARTICULARS : DG NOISE 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	: December 2023
Test Required	: Sound Pressure Levels in DG Off and On Conditions
Sample collected by Vimta labs ltd	

Page 1 of 1

TEST REPORT

S.No.	Stack ID	Sampling Location	Date of Measurement	When DG is not in operation (background level)	While DG Running
1	DG 750 kVA -1	New International Terminal Building (NITB)	06.12.2023	56.2	73.2
2	DG 750 kVA - 2			52.7	72.8
3	DG 750 kVA - 3			53.8	72.4
4	DG 40 kVA - 4			50.1	69.3
5	DG 750 kVA - 5	NATS Building	06.12.2023	54.1	73.1
6	DG 750 kVA - 6			56.8	72.5
7	DG 500 kVA - 7			52.5	73.6
8	DG 250 kVA - 8			51.6	71.4
9	DG 30 kVA - 9	OTB	07.12.2023	50.7	70.3
10	DG 125 kVA - 10			56.1	73.0
11	DG 125 kVA - 11			54.3	71.7
CPCB DG Noise Standard up to 1000 kva: 75 d(B)A					

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Report Number : VLL/VLS/23/22604/010
 Issued Date : 2024.04.04
 P. Order Ref : 5700335314
 P.O. Date : 09.12.2023

SAMPLE PARTICULARS : DG NOISE 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	March 2024
Test Required	Sound Pressure Levels in DG Off and On Conditions
Sample collected by Vimta labs ltd	

Page 1 of 1

TEST REPORT

S.No.	Stack ID	Sampling Location	Date of Measurement	When DG is not in operation (background level)	While DG Running
1	DG 750 kVA -1	New International Terminal Building (NITB)	14.03.2024	55.2	72.4
2	DG 750 kVA - 2			53.1	71.8
3	DG 750 kVA - 3			51.8	70.6
4	DG 40 kVA - 4			54.2	73.3
5	DG 750 kVA - 5	NATS Building	14.03.2024	52.8	71.8
6	DG 750 kVA - 6			54.8	73.1
7	DG 500 kVA - 7			56.4	70.8
8	DG 250 kVA - 8			53.0	72.5
9	DG 30 kVA - 9	OTB	15.03.2024	52.4	71.7
10	DG 125 kVA - 10			54.9	72.8
11	DG 125 kVA - 11			55.1	70.9

CPCB DG Noise Standard up to 1000 kva: 75 d(B)A

Dr. Subba Reddy Mallampati
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KARNATAKA 574142.

Report Number : VLL/VLS/23/22604/011
Issued Date : 2024.04.04
P. Order Ref : 5700335314
P.O. Date : 09.12.2023

Page 1 of 1

SAMPLE PARTICULARS		FLIGHT PATH AREA NOISE LEVEL MONITORING
Frequency Of Sampling	:	Quarterly Once in Each Location
Time Weighted Average	:	24 Hours
Method of Analysis	:	IS:9989
Month of Monitoring	:	March 2024
Test Required	:	L-Day and L-Night
Sample collected by Vimta labs ltd		

TEST REPORT

Location Code	FPN-1		
	Kenjar		
GPS Coordinates	12° 56'45.01"N 74°52'1.96"E		
Distance from Airport compound wall in meters—	500		
Date of Monitoring	L-Day	L-night	L-equivalent
Day-1: 01 st March 2024	53.1	42.5	51.4
Day-2: 02 nd March 2024	50.8	41.6	48.3
Day-3: 03 rd March 2024	51.8	43.1	49.0
Day-4: 04 th March 2024	53.4	42.7	50.6
Day-5: 05 th March 2024	52.8	44.3	49.7
Day-6: 06 th March 2024	53.7	42.8	51.2
Day-7: 07 th March 2024	51.5	43.5	48.6



Dr. Subba Reddy Mallampati
Manager-Environment

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M/s. MANGALURU INTERNATIONAL AIRPORT
 LIMITED.,
 BAJPE MAIN RD,
 KENJAR HC,
 KARNATAKA 574142.

Report Number : VLL/VLS/23/22604/013
 Issued Date : 2024.04.04
 P. Order Ref : 5700335314
 P.O. Date : 09.12.2023

Page 1 of 1

SAMPLE PARTICULARS		FLIGHT PATH AREA NOISE LEVEL MONITORING
Frequency Of Sampling	:	Quarterly Once in Each Location
Time Weighted Average	:	24 Hours
Method of Analysis	:	IS:9989
Month of Monitoring	:	March 2024
Test Required	:	L-Day and L-Night
Sample collected by Vimta labs ltd		

TEST REPORT

Location Code	FPN-3		
Name of the Location	Near Pana college		
GPS Coordinates	12° 57'49.18"N 74°54'32.71"E		
Distance from Airport compound wall in meters-->	1100		
Date of Monitoring	L-Day	L-night	L-equivalent
Day-1: 15 th March 2024	51.4	43.8	49.3
Day-2: 16 th March 2024	50.5	41.6	47.4
Day-3: 17 th March 2024	48.5	40.8	46.5
Day-4: 18 th March 2024	51.8	43.6	48.2
Day-5: 19 th March 2024	49.3	41.4	46.8
Day-6: 20 th March 2024	50.8	42.5	47.7
Day-7: 21 th March 2024	51.7	40.9	48.6



Dr. Subba Reddy Mallampati
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LIMITED.,
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KARNATAKA 574142.

Report Number : VLL/VLS/23/15756/011
Issued Date : 2024.01.08
P. Order Ref : 5700335314
P.O. Date : 09.12.2023

SAMPLE PARTICULARS : FLIGHT PATH AREA NOISE LEVEL MONITORING

Page 1 of 1

Frequency Of Sampling	Quarterly Once in Each Location
Time Weighted Average	24 Hours
Method of Analysis	IS:9989
Month of Monitoring	December 2023
Test Required	L-Day and L-Night

Sample collected by Vimta labs ltd

TEST REPORT

Location Code	FPN-1		
Name of the Location	Kenjar		
GPS Coordinates	12° 56'45.01"N 74°52'1.96"E		
Distance from Airport compound wall in meters→	500		
Date of Monitoring	L-Day	L-night	L-equivalent
Day-1: 01 st December 2023	52.9	41.8	50.2
Day-2: 02 nd December 2023	51.7	43.2	49.3
Day-3: 03 rd December 2023	53.2	42.7	51.0
Day-4: 04 th December 2023	52.4	44.1	49.6
Day-5: 05 th December 2023	51.6	42.7	48.4
Day-6: 06 th December 2023	52.2	41.7	49.8
Day-7: 07 th December 2023	53.1	42.2	50.5

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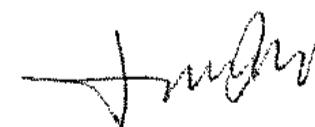
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Report Number : VLL/VLS/23/15756/012
 Issued Date : 2024.01.08
 P. Order Ref : 5700335314
 P.O. Date : 09.12.2023

SAMPLE PARTICULARS		FLIGHT PATH AREA NOISE LEVEL MONITORING	Page 1 of 1
Frequency Of Sampling	:	Quarterly Once in Each Location	
Time Weighted Average	:	24 Hours	
Method of Analysis	:	IS:9989	
Month of Monitoring	:	December 2023	
Test Required	:	L-Day and L-Night	
Sample collected by Vimta labs ltd			

TEST REPORT

Location Code	FPN-2		
Name of the Location	Baillamatha		
GPS Coordinates	12° 57'44.20"N 74°54'2.32"E		
Distance from Airport compound wall in meters→	150		
Date of Monitoring	L-Day	L-night	L-equivalent
Day-1: 08 th December 2023	50.4	41.5	48.2
Day-2: 09 th December 2023	52.1	43.1	49.7
Day-3: 10 th December 2023	54.3	42.6	51.8
Day-4: 11 th December 2023	52.1	40.8	49.5
Day-5: 12 th December 2023	51.7	42.5	48.3
Day-6: 13 th December 2023	53.0	41.8	50.5
Day-7: 14 th December 2023	52.6	40.6	49.1



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Report Number : VLL/VLS/23/15756/013
Issued Date : 2024.01.08
P. Order Ref : 5700335314
P.O. Date : 09.12.2023

SAMPLE PARTICULARS : FLIGHT PATH AREA NOISE LEVEL MONITORING

Page 1 of 1

Frequency Of Sampling : Quarterly Once in Each Location
Time Weighted Average : 24 Hours
Method of Analysis : IS:9989
Month of Monitoring : December 2023
Test Required : L-Day and L-Night
Sample collected by Vimta Labs Ltd

TEST REPORT

Location Code	FPN-3		
Name of the Location	Near Pana college		
GPS Coordinates	12° 57'49.18"N 74°54'32.71"E		
Distance from Airport compound wall in meters→	1100		
Date of Monitoring	L-Day	L-night	L-equivalent
Day-1: 15 th December 2023	52.6	41.4	48.8
Day-2: 16 th December 2023	49.2	40.5	46.7
Day-3: 17 th December 2023	51.6	42.8	48.2
Day-4: 18 th December 2023	52.3	41.5	49.1
Day-5: 19 th December 2023	50.8	42.3	47.6
Day-6: 20 th December 2023	49.7	40.7	46.5
Day-7: 21 th December 2023	52.0	41.4	49.1

Dr. Subba Reddy Mallampati
Manager-Environment

ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) POLICY

MANGALURU INTERNATIONAL AIRPORT LIMITED

Mangaluru International Airport Limited (MIAL) is committed to embedding Environmental, Social and Governance (ESG) priorities in business operations and organizational culture to ensure sustainable value creation for its stakeholders and to reflect company's commitment towards sustainable development.

MIAL shall endeavour to:

- Ensure compliance with applicable laws and regulations through progressive management approach.
- Establish objectives, targets, and processes towards absolute Greenhouse Gas (GHG) emission reduction and achieving Airport Carbon Accreditation (ACA) Level 4+ in the short-term and net-zero status in the long-term by enhancing operational efficiency, implementing energy-efficient technologies, green buildings, transitioning towards renewable energy, and exploring decarbonization technologies/ opportunities.
- Enhance environmental stewardship by implementing best industry practices for protecting and conserving ecosystem, waste management, water conservation, noise abatement, and pollution control mechanisms.
- Promote usage of renewable and clean energy sources/technologies in its value chain.
- Create a culture that encourages learning and development, employee wellbeing, rewards and recognition, non-discrimination and equal opportunities, and collaborative working approach.
- Develop, implement, maintain, and improve health and safety-related strategies, systems, and procedures to ensure the highest levels of health and safety standards in all its operations.
- Empower local communities by supporting their wellbeing and development through our Corporate Social Responsibility (CSR) initiatives.
- Collaborate with value chain partners for encouraging sustainable supply chain practices and promote green procurement.
- Establish governance procedures for ensuring responsible operations, regulatory compliance, business ethics & integrity, information security and data protection, protection of stakeholders' interest, and implementation of best industry practices.
- Build skills and competency of employees and other key stakeholders through various need-based trainings, development programs and activities.
- Ensure implementation of relevant management systems as per the business requirements.
- Measure and evaluate the performance of organization against ESG objectives, goals, key performance indicators, and targets in accordance with this policy at regular intervals; and
- Disclose organization's ESG performance in accordance with regulatory requirements, national & global ESG standards and guidelines.

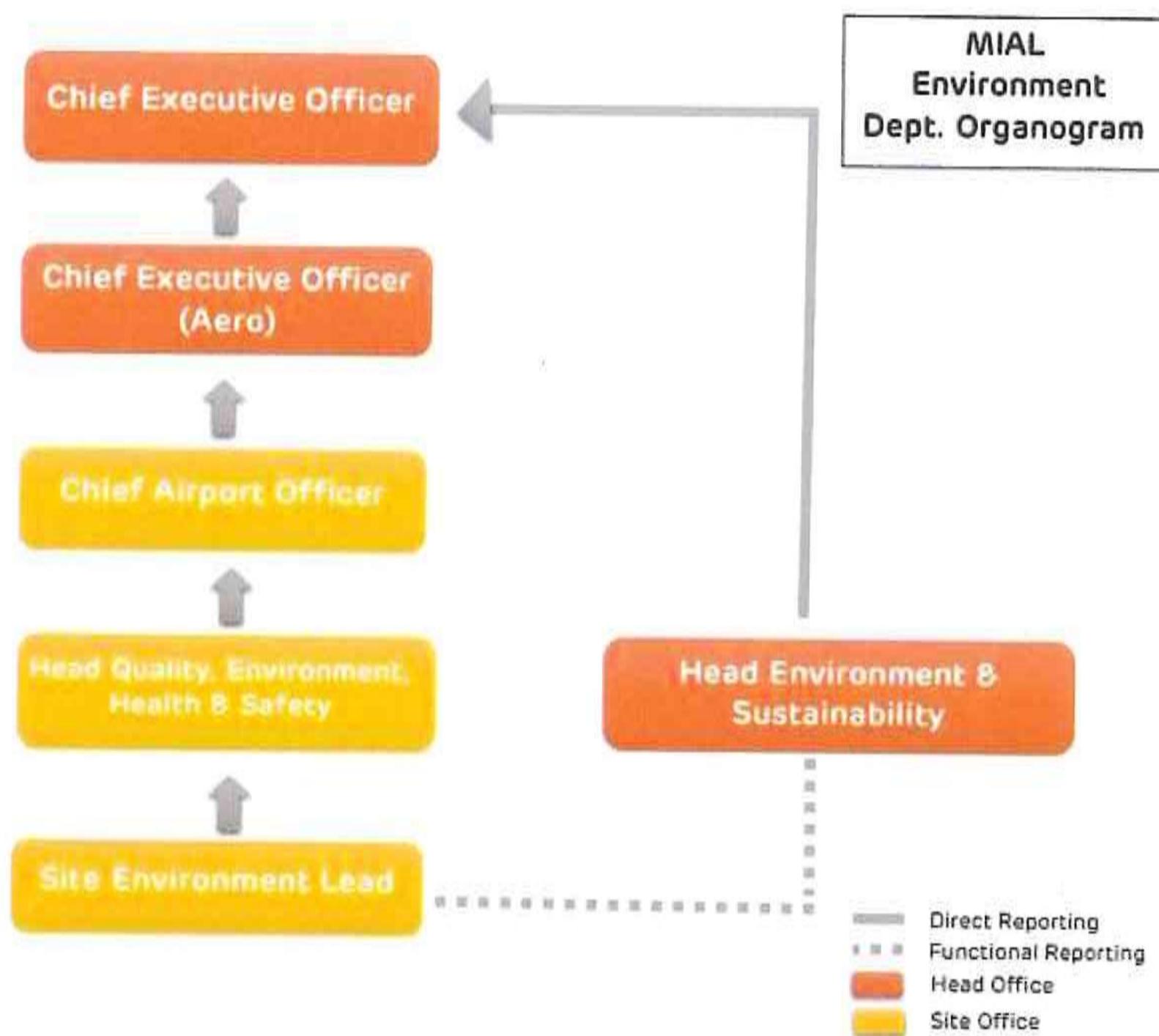
Effective Date: 30.05.2022

Revised on: 15.07.2023

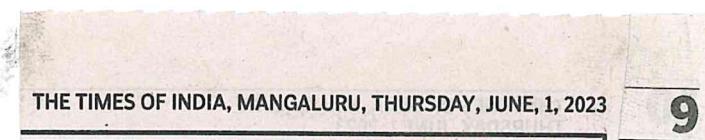

Mukesh Nankani
Chief Airport Officer

adani	Mangaluru International Airport Limited (MIAL)	From : Oct '2023 To : Mar '2024
Environment Cell Organogram		Annexure-08

Annexure-8



THE TIMES OF INDIA - NEWSPAPER



Page No. 9

Public Notice

This is to bring to public notice that M/s Mangaluru International Airport Ltd. Regd. office at Adani Corporate House, Shantigram, Nr. Vaishno Devi Circle, S.G. Highway, Khodiyar, Ahmedabad – 382421, Gujarat, India has been accorded Environment Clearance for the "Expansion of Mangaluru International Airport to enhance the Passenger Handling Capacity up to 22.5 MPPA & Cargo handling capacity up to 0.12 MTPA", by State Level Environment Impact Assessment Authority (SEIAA), Karnataka, vide EC identification No EC23B029KA183652, File number SEIAA 13 CON 2023, dated 26th May 2023. The copy of the Environment clearance letter can be seen on the website of Ministry of Environment, Forest and Climate Change at <https://www.moef.nic.in> and on the website of M/s Mangaluru International Airport Ltd. at <https://www.adani.com/mangaluru-airport/downloads>

UDAYAVANI KANNADA DAILY

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ಮಂಗಳೂರು | ಬೆಂಗಳೂರು | ಮುಂಬಿಳ್ಳಿ | ಕಲಬುರಗಿ | ದಾವಣಗರೆ | ಮುಂಬಯಿ

ಕನಾಟಕ ವಾರ್ತೆಗಳು

3

Page No. 3

ನಾವ್ಯಜಿನಿಕರೆ ಗಮನಕೆ

ಮೇ ಮಂಗಳೂರು ಇಂಟರ್ ನ್ಯಾಷನಲ್ ಏರೋಪೋರ್ಟ್ ಲಿಮಿಟೆಡ್, ಸೋಲಾಯಿತ್ ಕೆಲೆಲಿ ಅಡಾನಿ ಫ್ಲೆಟ್‌ಎಂಟ್ ಹೈಸ್, ಶಾಂತಿಗ್ರಾಮ, ವ್ಯಾಂಡ್ರೋವಿ ವ್ಯಕ್ತಿದ ಬಳಿ, ಎಸ್.ಜಿ.ಹೆಡ್ಲಿಂ, ಬ್ಲೋಡಿಯರ್, ಅಪಮಾದಾಬಾದ್ 382421, ಸುಜರಾತ್, ಭಾರತ ಇವರು ಸಾರ್ವಜನಿಕರೆ ಗಮನಕೆ ತರುವುದೇನೆಂದರೆ, ಮಂಗಳೂರು ಅತಾರಾಷ್ಯೋಯ ವಿಮಾನ ನಿಲ್ದಾಳದ ಇಸ್ಟರೆಕ್ಸೆಗಾಗಿ ಪ್ರಯಾಣಿಕರೆ ನಿರ್ವಹಣೆ ಸಾಮರ್ಥ್ಯವನ್ನು 22.5 ಎಂಬೆಂದು ವರ್ತಿಸುತ್ತಿದ್ದರೆ. ಸರಕ್ ಸಾರ್ವಜನಿಕ ಸಾಮರ್ಥ್ಯವನ್ನು 0.12 ಎಂಬೆಂದು ವರ್ತಿಸುತ್ತಿದ್ದರೆ. ರಾಜ್ಯ ಮಟ್ಟದ ರಾಜ್ಯ ಪರಿಸರ ಪರಿಣಾಮ ಮೌಲ್ಯಮಾಪನ ಪ್ರಾಧಿಕಾರ (ಎಸ್.ಇ.ಎಲ್.ಎ), ಕನಾಟಕ ಇವರೆಂದು ಪರಿಸರ ಅನುಮತಿಯನ್ನು ಇಸ್ ಗುರುತಿನ ಸಂಖ್ಯೆ EC23B029KA183652, ಕಡತ ಸಂಖ್ಯೆ SEIAA 13 CON 2023, ಮೂಲಕ ದಿನಾಂಕ 26ನೇ ಮೇ 2023 ರಂದು ಪಡೆದಿದೆ. ಪರಿಸರ ಕ್ಷೇತ್ರದಲ್ಲಿ ಅನುಮತಿಯ ಪತ್ರದ ಪ್ರತಿಯನ್ನು ಪರಿಸರ, ಅರಣ್ಯ ಮತ್ತೆ ಪರಿಸರ ಬದಲಾವಣೆ ಸೆಂಟ್ರಾಲ್ ಲಿಮಿಟೆಡ್ ಪೇಸ್ಟ್ರೋ <https://www.moef.nic.in> ಮತ್ತು ಮೇ ಮಂಗಳೂರು ಇಂಟರ್ ನ್ಯಾಷನಲ್ ಏರೋಪೋರ್ಟ್ ಲಿಮಿಟೆಡ್ನ ಅಧಿಕೃತ ವೆಬ್‌ಸೈಟ್‌ನಲ್ಲಿ <https://www.adani.com/mangaluru-airport/downloads> ಪ್ರತಿಗಳನ್ನು ಸಾರ್ವಜನಿಕರು ದೊನ್‌ಲೋಡ್ ಮಾಡಬಹುದಾಗಿದೆ.

0/c

Ref: MIAL/Operations/Env/2023-24/2513

9th June 2023

To,

Deputy Commissioner
Dakshina Kannada District,
Mangaluru-575001.

Sir,

Subject: Environment Clearance for the Proposed Expansion of Mangaluru International Airport (MIA) to enhance the Passenger Handling Capacity up to 22.5 MPPA & Cargo Handling Capacity up to 0.12 MTPA by M/s Mangaluru International Airport Limited (MIAL).

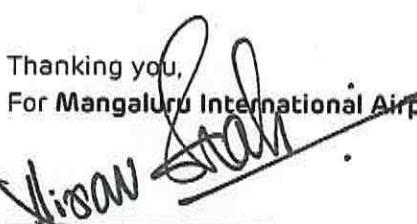
Ref : Environmental Clearance vide proposal number: SIA/KA/INFRA2/404084/2022 dated 23 Nov 2022, EC Identification No: EC23B029KA183652, File no: SEIAA 13 CON 2023, dated 26th June 2023.

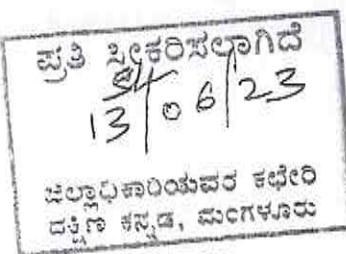
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As per para no. X(ii) under Miscellaneous Condition, of the Environment Clearance, the same is required to be submitted to the Heads of Local Bodies, Panchayats and Municipal bodies, relevant offices of the Government for necessary actions as prescribed therein.

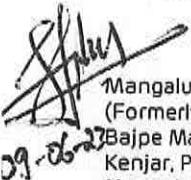
In compliance to the above point, a copy of Environment Clearance is being submitted to your good offices.

Thanking you,
For Mangaluru International Airport Limited.


Nirav Shah,
Chief Airport Officer



Encl: As above


Mangaluru International Airport Ltd
(Formerly known as Adani Mangaluru International Airport Ltd)
Bajpe Main Road
Kenjar, PO: Bajpe
Mangaluru 574 142
Karnataka, India
CIN: U63030GJ2019PLC110062
29-06-22

Tel +91 824 295 5222
Fax +91 824 295 5222
adaniairports@adani.com
www.adani.com


Shantanu Shah
Kepu22

d/c

Ref: MgIAL/Operations/Env/2023-24/2575

9th June 2023

To,

**Chief Executive Officer,
Zilla Panchayat, Dakshina Kannada,
Mangaluru.**

Sir,

Subject: Environment Clearance for the Proposed Expansion of Mangaluru International Airport (MIA) to enhance the Passenger Handling Capacity up to 22.5 MPPA & Cargo Handling Capacity up to 0.12 MTPA by M/s Mangaluru International Airport Limited (MIAL).

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14/06/2023
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Thanking you,
For Mangaluru International Airport Limited.

Nirav Shah
Nirav Shah,
Chief Airport Officer

Encl: As above

Shah
Mangaluru International Airport Ltd
Formerly known as Adani Mangaluru International Airport Ltd
Bajpe Main Road
Kenjar, PO: Bajpe
Mangaluru 574 142
Karnataka, India
CIN: U63030GJ2019PLC110062

Tel +91 824 295 5222
Fax +91 824 295 5222
adaniairports@adani.com
www.adani.com

Planned
Expo 2023

o/c

Ref: MgIAL/Operations/Env/2023-24/2514

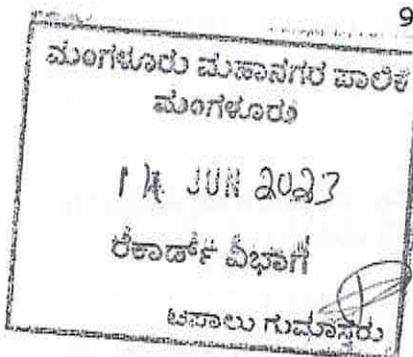
9th June 2023

To,

Commissioner

Mangaluru City Corporation,
M. G. Road, Lalbagh,
Mangaluru - 575 003.

Sir,



Subject: Environment Clearance for the Proposed Expansion of Mangaluru International Airport (MIA) to enhance the Passenger Handling Capacity up to 22.5 MPPA & Cargo Handling Capacity up to 0.12 MTPA by M/s Mangaluru International Airport Limited (MIAL).

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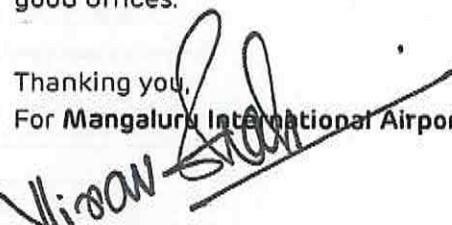
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For Mangaluru International Airport Limited.

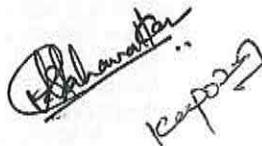

Nirav Shah,

Chief Airport Officer

Encl: As above


Mangaluru International Airport Ltd
(Formerly known as Adani Mangaluru International Airport Ltd)
Bajpe Main Road
Kenjar, PO: Bajpe
Mangaluru 574 142
Karnataka, India
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Fax +91 824 295 5222
adaniairports@adani.com
www.adani.com


Nirav Shah
14/06/23

o/c

Ref: MgIAL/Operations/Env/2023-24/2516

9th June 2023

To,

Commissioner,
Mangaluru Urban Development Authority
Mangaluru - 575 006.

Sir,

Subject: Environment Clearance for the Proposed Expansion of Mangaluru International Airport (MIA) to enhance the Passenger Handling Capacity up to 22.5 MPPA & Cargo Handling Capacity up to 0.12 MTPA by M/s Mangaluru International Airport Limited (MIAL).

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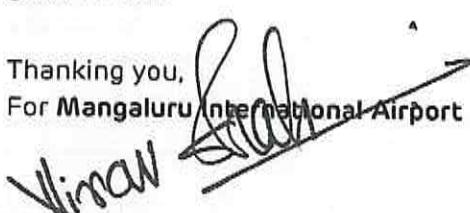


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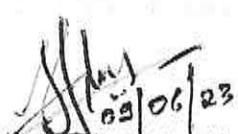
Thanking you,
For Mangaluru International Airport Limited.


Nirav Shah,
Chief Airport Officer

Encl: As above

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www.adani.com


Registered Office: Adani Corporate House, Shantigram, Nr Vaishno Devi Circle, S G Highway, Khodiyar, Ahmedabad 382 421, Gujarat, India

dc

Ref: MIAL/Operations/Env/2023-24/2517

9th June 2023

To,

Chief Officer,
Bajape Town Panchayat,
Bajape, Mangaluru- 574142

Sir,

Subject: Environment Clearance for the Proposed Expansion of Mangaluru International Airport (MIA) to enhance the Passenger Handling Capacity up to 22.5 MPPA & Cargo Handling Capacity up to 0.12 MTPA by M/s Mangaluru International Airport Limited (MIAL).

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Thanking you,
For Mangaluru International Airport Limited.

Nirav Shah

Nirav Shah,
Chief Airport Officer

Encl: As above



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Registered Office: Adani Corporate House, Shantigram, Nr Vaishno Devi Circle, S G Highway, Khodiyar, Ahmedabad 382 421, Gujarat, India

Ref: MgIAL/Operations/Env/2023-24/ 2875

29th September 2023

To,

**Member Secretary,
Karnataka State Pollution Control Board**
"Parisara Bhavana", No #49, Church Street,
Bengaluru - 560001

Sir,

Sub: Submission of Environment Statement (Form V) for "Mangaluru International Airport Limited" for the period April-2022 to March 2023.

Ref.: Consent For Operation date: 18th March 2022.

With reference to the above subject and reference, we are hereby submitting Environment Statement (Form V) for "Mangaluru International Airport Limited" for the period April-2022 to March 2023.

Kindly consider the above submission and acknowledge.

Thanking you,
For Mangaluru International Airport Limited.



Vijaya Mohan K.
Head-QEHS

Encl: As above

Copy to:

1. Environment Officer, Regional Officer Karnataka State Pollution Control Board Plot No.10 B, Baikampady Industrial Area, Mangalore-575011

*RECEIVED
Regional Office
Karnataka State Pollution Control Board
Plot No.10-'B', Baikampady Industrial Area
Mangaluru-575011
03/09/23.*

*O/c
Bhavani.*

Mangaluru International Airport Limited
(Formerly known as Adani Mangaluru International Airport Ltd)
Bajpe Main Road,
Kenjar, PO: Bajpe,
Mangaluru 574 142,
Karnataka, India
CIN: U63030GJ2019PLC110062

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adaniairports@adani.com
www.adani.com

Environment Statement for 2022-23
M/s. Mangaluru International Airport Limited

FORM V
(See Rule 14)

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

PART - A

(i) Name and address of the Owner/
Occupier of the Industry Operation or
Process : Mr. Mukesh Nanhani
Chief Airport Officer
Mangaluru International Airport Limited,
Bajpe Main Rd, Kenjar P.O, Mangaluru,
Karnataka, Pin-574142, India.

(ii) Industry Category : Red-Large
Primary (STC Code) : NA
Secondary (STC Code) : NA

(iii) Production Capacity : No production as Airport is Service industry.

(iv) Year of Establishment : Commercial Date of Operation (COD):
31st October 2020

(v) Date of last Environment Statement
submitted : 30th September 2022

Environment Statement for 2022-23
M/s. Mangaluru International Airport Limited

PART - B

Water and Raw Material Consumption

(i) Water Consumption (in m³/day)

Water Consumption	231 KL/day
Process	Nil
Domestic & cooling	231 KL/DAY

Details of Water Consumption for the period of April 2022 to March 2023 are enclosed as Annexure – 1.

Details	Process water consumption per unit of products	
	During the previous financial year (2021-22)	During the current financial year (2022-2023)
Not applicable	Not applicable	Not applicable

Mangaluru International Airport Limited (MGIAL), is an Airport Service Industry and does not carry out any manufacturing or production. The water is mainly consumed in domestic purpose and horticulture etc.

(ii) Raw Material Consumption

Name of Raw Material	Name of Products	Consumption of Raw Material per Unit of output	
		During the previous financial year (2021-22)	During the current financial year (2022-2023)
Not applicable	Not applicable	Not applicable	Not applicable

Mangaluru International Airport Limited is an Airport Service Industry and does not undergo any manufacturing or production.

Environment Statement for 2022-23
M/s. Mangaluru International Airport Limited

PART – C

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

Pollutants	Quantity of pollutants discharged (mass/day)		Concentrations of pollutants in discharges (mass/volume)		Percentage of variation from prescribed standards with reasons
	Parameters	Avg. Mass Kg/Day	Parameters	Avg.	
(a) Wastewater	pH	-	pH	7.5	There is no variation from prescribed standards in terms of quality of wastewater discharge. As a part of Environment Monitoring programme, monthly STP monitoring is being carried out. The analysis of the STP Monitoring report attached as Annexure-2.
	Total Suspended Solids	3.75	Total Suspended Solids (mg/l)	24.8	
	BOD (5 Days @ 20 °C)	1.49	BOD (5 Days @ 20°C) (mg/l)	9.0	
	Oil & Grease	0.02	Oil & Grease (mg/l)	<10	
	COD	5.64	COD (mg/l)	37	
(b) Air	Parameters	Avg. Mass Kg/Day	Parameters	Avg.	As a part of Environment Monitoring programme, DG set flue gas monitoring is being carried out quarterly. The Analysis of the D.G Set Stack Monitoring report attached as Annexure-3.
	Particulate Matter (PM)	-	Particulate Matter (mg/Nm ³)	11	
	Sulphur Dioxide (SO ₂)	-	Sulphur Dioxide (PPM)	18	
	Nitrogen Oxide (NO _x)	-	Nitrogen Oxide (NO _x) (PPM)	269	

Environment Statement for 2022-23
M/s. Mangaluru International Airport Limited

PART - D

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

Hazardous Wastes	Total Quantity (Kg)	
	During the previous financial year (2021-22)	During the current financial year (2022-2023)
(a) From Process	NA	Not applicable. Mangaluru International Airport Limited (MGIAL) being an Airport Operator does not have any manufacturing or production. So, there is no hazardous waste generation from process.
(b) From Pollution Control facilities	0	Used Oil (Cat 5.1)-1.27 KL Used Oil is generated as hazardous waste from DG set operation is disposed to SPCB authorized reprocessor.

PART - E
Solid Waste

Solid Waste	Total Quantity (Kg)		
	During the previous financial year (2021-22)	During the current financial year (2022-2023)	Disposal Method
(a) From Process	NA		
(b) From Pollution Control facilities			
Dry Waste			As per Solid waste management Rules, 2016
Organic Waste	65.8 MT	26.545 MT	As per Solid waste management Rules, 2016
E-Waste	1.5 MT	0	As per E Waste Rules, 2016.
Battery Waste	3.03	0.880 MT	As per Battery Waste Rules, 2016.

Environment Statement for 2022-23
M/s. Mangaluru International Airport Limited

PART - F

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

As a part of Mangaluru international Airport Limited operation, an effective Solid Waste Management plan has been implemented at site, which includes:

- Collection & Segregation of waste from the source
- Provided separate waste bins (for dry & wet waste) at all the locations including Airside, Landside & Terminals.
- Well demarcated four waste collection points were established, where the segregated waste is collected, shifted to Waste management facility.
- All the inorganic waste after proper segregation is being given to the recognized agency Ms. MS Scrap Enterprises for further handling.
- Organic waste generated is treated in organic waste converter (500KG Capacity). The compost generated from OWC is used for horticulture purpose at MIAL premises.
- Hazardous Waste at Mangaluru International Airport Limited is managed inline to the Hazardous Waste Management Rules 2016.
- Battery Waste, generated are managed inline to the Battery Waste Management Rules 2010, amended till date
- E-Waste, generated are being managed inline to the E-Waste Management Rules 2016, amended till date
- Solid waste generated is handled in line to 5R of waste management to attain zero waste to land fill .



Waste Management Facility



Dry waste segregation facility

Environment Statement for 2022-23
M/s. Mangaluru International Airport Limited



Dry waste segregation

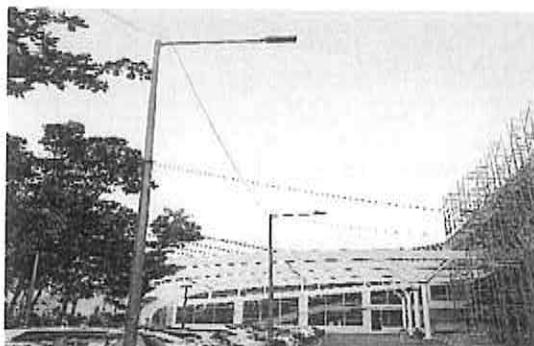


Organic Waste

PART - G

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

Energy Savings



Street LED Lights



LED Lights in Offices & Terminal

- Conversion of 1111 no.s of conventional lights to LED lights. Achieved an annual energy savings of 678 GJ and overall emission reduction of 148.96 tCO2 in FY22-23.
- Proactively controlled lighting systems are provided. The landside street lights are made operational on timer basis according to the daylights.
- Sensitization of the team & continuous follow up is done for further improvising the Airport environmental & sustainability aspects.
- Timely maintenance of AHU's filters & coil, chillers, cooling towers is being carried out at MIAL. Regular monitoring is being carried out for the same.

Water Conservation

- As part of water conservation approximately 100% sensor-based water taps have been installed in all the washrooms of the Terminal building at MIAL.
- Rainwater collection tank of capacity 5000m3 is constructed to collect rain water.
- 100% Treated Water from the STP is utilized for gardening & horticulture purpose.
- Drip irrigation system is adopted at avenue plantation.

Environment Statement for 2022-23
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Wastewater Management

- 150 KLD of Sewage Treatment Plant (STP) is operational at MIAL
- Sewage Treatment Plant (STP) (MBR) is installed at site for treating and handling the domestic sewage generated from airport premises. STP treated water is Monitored by MoEF&CC & NABL accredited laboratory, and all the results are observed to be within Stipulated Standards.
- The treated wastewater generated from the STP is utilized for gardening and horticulture activity within MIAL premises to conserve the freshwater consumption.

Air Management:

- Adequate green cover of about 6.01 Acres has been developed.
- Ambient Air Quality Monitoring is carried out by engaging MoEF&CC & NABL accredited laboratory, and all the results are observed to be within Stipulated Standards.
- Installed 1 no. Online Continuous Ambient Air Quality Monitoring system within premises.
- Regular road cleaning both inside and outside of airport using road cleaning machines
- Environment Monitoring for D.G Stack Flue Gas Emissions will be carried out by MoEF&CC and NABL accredited laboratory.

Soil Management

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

PART - H

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

Carbon Neutrality Initiatives:

- Transitioned 6 no.s of conventional vehicles with electric vehicle.
- Installed 2 no. of EV charging stations at city side carparking.
- Converted 151 no.s CO2 type fire extinguishers with a lower Global Warming Potential ABC type fire extinguisher
- Converted 59 No.s of R22 AC refrigerant with R32 -lower Global Warming Potential refrigerant.



Electric vehicle charging station



Electric vehicles for airport operations

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PART - I

Any other particulars for improving the quality of environment:

- MGIAL Expenditure for environmental management measures for the FY 2022-23 of about INR 340 Lakhs was spent. Details are mentioned as below.

S. No.	Activity	Cost Incurred (2022-23) in Lakhs
1	EHS Manpower	12.00
2	Legal and Statutory Expenses	77.00
3	Environmental Monitoring Services	8.82
4	Waste Management and Disposal	3.60
5	O & M of Sewage Treatment Plant	5.27
6	Awareness Programs	0.46
7	Horticulture Expenses	103.48
8	Carbon Neutrality Initiatives	129.00
Total		340.12

- Environment awareness sessions via, Quiz Competition, Webinar, Selfie point, Distribution of sapling to passengers on World Environment Day in FY 2022-23.

Date: 29.09.2023



Vijayamohan Kondeti

Head- QEHS

Mangaluru International Airport Limited

adani	Mangaluru International Airport Limited (MIAL)	From : Oct' 2023 To : Mar' 2024
Electric Vehicle Charging Station		Annexure-12



(a)

Figure (a): EV Charging station at Landside area



Figure (a): EV Charging station at Airside area