



Ref: MgIAL/Operations/Env/2023-24/ **3093**

27<sup>th</sup> Nov 2023

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 Mangaluru International Airport for the period April-2023 to September-2023.

**Ref.:** 1) Environment clearance granted for "Construction of New Integrated Passenger Terminal Building and Apron" at Mangaluru Airport, Bajpe Mangaluru vide MoEF letter No. F. No. 10-79/2007-IA-III, dated 1st Nov' 2007.  
2) Transfer of Environment Clearance from Airport Authority of India (AAI) to Adani Mangaluru International Airport Limited (AMIAL) vide MoEFCC letter No. F. No. 10-79/2007-IA-III, dated 3rd Aug' 2021.  
3) Name Change in EC from Adani Mangaluru International Airport Limited (AMIAL) to Mangaluru International Airport Limited (MIAL) vide MoEFCC letter No. F. No. 10-79/2007-IA-III dated 16th Feb' 2022.  
4) MoEF & CC Notification No:5845, dated: 28<sup>th</sup> Nov' 2018.

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 April-2023 to September-2023.

This report is being uploaded on to the 'PARIVESH 2.0' online portal.

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.

Mangaluru International Airport Limited  
(Formerly known as Adani Mangaluru International Airport Ltd)  
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Kenjara, PO: Bajpe,  
Mangaluru 574 142,  
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CIN: U63030GJ2019PLC110062

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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. Baikamapady Industrial Area, Mangalore-575011.

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**adani**

**Mangaluru International Airport Limited  
(MIAL)**

**From: April 2023  
To: September 2023**

**Status of the conditions stipulated in Environment Clearance**

**Compliance Report of  
Environment Clearance  
dated. 1<sup>st</sup> November 2007.**

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

**Half yearly Compliance report for Environment Clearance for the project "Construction of New Integrated Terminal Building and Apron" by Mangaluru International Airport Ltd (MIAL)**

<b>Sr. No</b>	<b>Conditions</b>	<b>Status as on 30<sup>th</sup> September 2023</b>
I. Statutory Compliance.		
i	No additional land should be acquired for the project outside the existing airport limits.	<b>Complied.</b> As part of concession agreement, Mangaluru International Airport is having an area of 583.77 Acres (air side and land side). All the activities are being carried out within the airport boundary limit.
ii	The project proponent should ensure that afforestation will be carried out thrice the number of trees that have been cut.	<b>Noted.</b> Construction activity has already been completed majorly and presently the project is under operation phase since 2010. Based on contextual and functional requirements, and overall environmental and landscape planning approach, green area has already been developed over an area of 6 Acres. Photographs are attached as <b>Annexure-1</b> . Other existing green areas within the airport boundary are also being maintained.
iii	The project proponent should ensure that the solid waste generated from various sources within the airport complex disposed of as per norms laid down by the central and state agency.	<b>Complied</b> Municipal Solid Waste is segregated at the source and collected in different bins in terminal and landside area as wet waste, dry waste, and PPE waste. The waste is being collected at dedicated Waste management facility. The dry waste is being taken by an outsourced agency on daily basis for further processing inline to Solid Waste Management Rules, 2016. Wet waste (food waste) airport canteens, flight kitchens are treated in organic waste converter (OWC 500KG Capacity). The compost generated from OWC is used for horticulture purpose at MIAL premises.



A handwritten signature in black ink, which appears to read "Ravi S. D.", is positioned below the logo.

adani

Mangaluru International Airport Limited  
(MIAL)

From: April 2023  
To: September 2023

Status of the conditions stipulated in Environment Clearance

Sr. No .	Conditions	Status as on 30 <sup>th</sup> September 2023
		<p>The Solid Waste Management Plan for Mangaluru International Airport is attached as <b>Annexure-2</b>.</p>
II.	<p>The project proponent should install adequate measures to harvest rainwater to meet at least 25% of the water requirement of the airport.</p>	<p><b>Complied.</b></p> <p>Rainwater harvesting was already considered as a part of this project. Photograph showing existing Rainwater harvesting structure of 5000 KL is attached as <b>Annexure-3</b>.</p> <p>Due to the laterite stone construction, weathering and associated safety concerns to the surrounding areas, the existing rainwater harvesting tank is not in utilization.</p> <p>However, 5nos. of rainwater harvesting ponds and 2nos. of UG Sumps with capacity of 54,000 and 1000 m<sup>3</sup> respectively is under consideration as a part of Masterplan which will be developed in phased manner.</p> <p>Following water conservation measures are already adopted at MIAL</p> <ul style="list-style-type: none"><li>i. Installation of sensor-based taps and urinals in terminal.</li><li>Installation of aerators in washbasin taps for water saving. 100% of treated sewage from STP is being reused in gardening.</li></ul>
III.	<p>Sewage and other liquid effluent generated from the airport including from the existing terminal should be treated and disposed of as per the norms laid down by the State Pollution Control Board. Adequate sewage treatment facility to treat the entire effluent generated from the airport should be provided.</p>	<p><b>Complied</b></p> <p>The sewage generated in airport premises is treated in 150KLD MBBR based STP.</p> <p>The treated sewage is being monitored by MoEFCC approved and NABL accredited laboratory and the results are within the KSPCB standard norms, the analysis reports for the period October-2022 to March-2023 are attached as <b>Annexure-4</b>.</p>



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

<b>Sr. No</b>	<b>Conditions</b>	<b>Status as on 30<sup>th</sup> September 2023</b>
		Further, the entire treated water is used for gardening/ green belt development.
IV.	The quarry material required for construction of the project should be brought from approved quarries.	<b>Complied.</b> Construction activity has already completed.
V.	All conditions stipulated by the State Pollution Control Board, Groundwater Authority etc., should be strictly implemented.	<b>Complied</b> Consent for Operation from KSPCB has been renewed vide dtd. 18 <sup>th</sup> March 2022. Copy attached as <b>Annexure-5</b> .  Hazardous Waste Authorization is obtained on 30 <sup>th</sup> August 2022. Copy attached as <b>Annexure-6</b> .  Approval for Groundwater extraction of 600 KLD is received from Karnataka Ground Water Authority vide dtd. 02 <sup>nd</sup> February 2022. Copy attached as <b>Annexure-7</b> .  Applicable conditions are being complied.

**A. General Conditions**

I.	Construction of the proposed structure should be undertaken meticulously conforming to the existing Central/local rules. All the construction designs/drawings relating to the proposed construction activities must have approvals of the concerned State Government Departments/Agencies.	<b>Complied.</b>  Construction activity as per the EC No. 10-179/2007-IA-III, dated 1 <sup>st</sup> Nov' 2007 has already been completed and presently the project is under operation Phase.
II.	A well-equipped laboratory with suitable instruments to monitor the quality of air and water shall be set up. The quality of ambient air and water shall be monitored periodically in all seasons and the results should be properly maintained for inspection of the concerned pollution control agencies. The periodic monitoring reports at least once in 6 months must be sent to this Ministry (Regional Office at	<b>Complied.</b>  The regular environmental monitoring viz., AAQM, Noise Monitoring, STP samples analysis, Ground water analysis, soil analysis and DG stack emissions and noise monitoring are being carried out by MoEFCC approved and NABL accredited laboratory and reports are being submitted to KSPCB on monthly, quarterly and six monthly.

*repol/2*

## Status of the conditions stipulated in Environment Clearance

Sr. No	Conditions	Status as on 30 <sup>th</sup> September 2023
	Bangalore) and State Pollution Control Board.	Environmental Monitoring Plan and analysis reports are attached in Annexure-8. Previous six-monthly compliance report submitted to MoEFCC RO for the period October-22 to March-2023 is attached as Annexure-9.
III.	Adequate provisions for infrastructure facilities such as water supply, fuel for cooking, sanitation etc., must be provided for the labourers during the construction period to avoid damage to the environment. It should also be ensured that the construction workers do not cut trees including mangroves for fuel wood purpose.	Complied.  Construction activity as per the EC No. 10-179/2007-IA-III, dated 1 <sup>st</sup> Nov' 2007 has already been completed and presently the project is under operation Phase since 2010.
IV.	To prevent discharge of sewage and other liquid wastes into the water bodies, adequate system for collection and treatment of the wastes must be provided.	Complied as Point No. III of Specific Condition.
V.	The project authorities should take appropriate community development and welfare measures for the villagers in the vicinity of the project site, including drinking water facilities. A separate fund should be allocated for this purpose.	Point noted  MIAL has started the commercial operation of the airport from October 2020, the appropriate measures as part of corporate responsibility will be undertaken based on need assessment and in compliance to the applicable regulations.
VI.	The quarrying material required for the construction purpose shall be obtained only from the approval quarries/borrow areas. Adequate safeguard measures shall be taken to ensure that the overburden and rocks at the quarry site do not find their way into water bodies.	Complied.  Construction activity as per the EC No. 10-179/2007-IA-III, dated 1 <sup>st</sup> Nov' 2007 has already been completed and presently the project is under operation Phase.
VII.	For employing unskilled, semi-skilled and skilled workers for the project, preference shall be given to local people.	Complied  The airport operation requires high level of expertise to ensure safe operation, highly skilled technical personnel are being recruited inline to the company policies. As part of the Concession



✓ ✓ ✓

<b>adani</b>	<b>Mangaluru International Airport Limited (MIAL)</b>	<b>From: April 2023</b> <b>To: September 2023</b>
<b>Status of the conditions stipulated in Environment Clearance</b>		

<b>Sr. No</b>	<b>Conditions</b>	<b>Status as on 30<sup>th</sup> September 2023</b>
		Agreement, the existing Airport Authority manpower is continued for 3 years. However, for other supportive operations, like Housekeeping, Administration, STP operation, Horticulture, Utility operation etc, local people (Semiskilled) are employed.
VIII.	The recommendations made in the Environment Management Plan and Disaster Management Plan, as contained in the Environmental Impact Assessment and Risk Analysis Reports of the project shall be effectively implemented.	<b>Complied</b>  Best practices and Environment Management Plan being implemented are annexed as <b>Annexure-10</b> . Aerodrome Emergency Response Plan has been submitted as part of Half Yearly Compliance Report submitted for the period of Oct-21 to Mar-22 vide dtd. 21st May 2022
IX.	A separate Environment Management Cell with suitably qualified staff to carry out various environment related functions should be set up under the charge of a Senior Executive who will report directly to the Chief Executive of the Company.	<b>Complied</b>  Site is having qualified Environmental Engineer to take care of Environment related functions. He reports to Head-Quality & EHS and further reporting to Chief Airport Officer who directly reports to the top management. Organogram is attached as <b>Annexure-11</b> .
X.	The project affected people, if any should be properly compensated and rehabilitated.	<b>Not applicable</b>
XI.	The funds earmarked for environment protection measures should maintained in a separate account and there should be no diversion of these funds for any other purpose. A year-wise expenditure on environmental safeguards should be reported to this Ministry.	<b>Complied</b>  A separate budget for the Environment protection measures is earmarked all the expenses are recorded in advanced accounting system of the organization, a budget of Rs.111.12 lacs have been earmarked for the year 2023-24.  During the compliance period (April 2023 to September 2023) INR 69 lakhs has been spent for environmental



## Status of the conditions stipulated in Environment Clearance

Sr. No	Conditions	Status as on 30 <sup>th</sup> September 2023
		management measures (Environment Monitoring, Horticulture, Solid Waste Management, STP O&M, Awareness, ESG initiatives etc)
XII.	Full support should be extended to the officers of this Ministry's Regional Office at Bangalore and the officers of the Central and State Pollution Control Boards by the project proponents during their inspection of monitoring purposes, by furnishing full details and action plans including the action taken reports in respect of mitigative measures and other environmental protection activities.	<p><b>Being Complied</b>            Full support is being extended to the regulatory authorities during their visit to the project site. All necessary documents are submitted as per the request of the visiting authorities.</p>
XIII.	In case of deviation or alteration in the project including the implementing agency, a fresh reference should be made to this Ministry for modification on the clearance conditions or imposition of new ones for ensuring environmental protection. The project proponents should be responsible for implementing the suggested safeguard measures.	<p>Complied.            The existing Environment Clearance has been transferred in the name of Adani Mangaluru International Airport Limited (AMIAL) from Airports Authority of India (AAI), vide transfer order dated 3rd August 2021. Copy attached as <b>Annexure-12</b>.            Further, the Name change in EC from AMIAL to MIAL has been obtained on 16th February 2022. Copy attached as <b>Annexure-13</b>.            Further, Mangaluru International Airport Limited has been granted Environmental Clearance for proposed expansion to enhance the Passenger Handling capacity up to 22.5MPPA &amp; Cargo Handling Capacity up to 0.12 MTPA on 26<sup>th</sup> May 2023 vide EC No: EC23B029KA183652, <b>Annexure-14</b></p>
XIV.	The Ministry reserves the right to revoke this clearance, if any of the conditions subsequently, if deemed necessary, for environmental protection, which shall be complied with.	<b>Point Noted</b>
XV.	The Ministry or any other competent authority may stipulate any other additional conditions subsequently, if deemed necessary, for environmental protection, which shall be complied with.	<b>Point Noted</b>



<b>adani</b>	<b>Mangaluru International Airport Limited (MIAL)</b>	<b>From: April 2023</b> <b>To: September 2023</b>
<b>Status of the conditions stipulated in Environment Clearance</b>		

<b>Sr. No</b>	<b>Conditions</b>	<b>Status as on 30<sup>th</sup> September 2023</b>
XVI.	<p>The project proponent should advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of clearance letters are available with the State Pollution Control Committee and may also be seen at Website of the Ministry of Environment &amp; Forests at <a href="http://www.envfornic.in">http://www.envfornic.in</a>. The advertisement should be made within 7 days from the date of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office of this Ministry at Bangalore.</p>	<p><b>Complied</b></p> <p>The copies of the published advertisement is attached in the <b>Annexure-15</b>.</p>
XVII.	<p>The Project proponents should inform the Regional Office at Bangalore as well as the Ministry the date of financial closure and final approval of the project by the concerned authorities and the date of start of Land Development Work.</p>	<p><b>Complied.</b></p> <p>Construction activity has already been completed and presently the project is under operation Phase.</p> <p>Concession agreement has been signed between Airports Authority of India (AAI) and Mangaluru International Airport Limited (formerly known as Adani Mangaluru International Airport Limited) on 14<sup>th</sup> February' 2020. As per the above said Concession Agreement, MIAL has commenced the operation with effect from the Commercial Operation Date (COD)i.e. 31<sup>st</sup> October' 2020.</p>

