

# DLF EXCLUSIVE FLOORS PRIVATE LIMITED

Regd. Off.: 2nd Floor, DLF Gateway Tower, R-Block, DLF City, Phase - III Gurgaon-122002

(CIN: U70101HR2006PTC077951)

Tel.: +91-124-4769000, Email ID: corporateaffairs@dlf.in

Date: 26<sup>th</sup> November 2024

To,  
Member Secretary,  
Goa State Environmental Impact Assessment Authority (GSEIAA),  
4<sup>th</sup> Floor, Dempo Towers,  
Patto plaza, EDC complex,  
Panaji Goa 403001

**Subject:** Submission of Environmental Clearance (EC) compliance report for the monitoring period of April to September, 2024 for our residential development project at survey no.87-1/1-A, 87/A-2, Reis Magos, Bardez, Goa.

**References:** Environmental Clearance granted by Ministry of Environment Forest & Climate Change vide letter No. 21-64/2017-1A-III dated 14<sup>th</sup> September 2017 & EC transfer letter vide no. SIA/GA/MIS/294655/2022/42 dated 16.05.2023.

Dear Sir,

With reference to the above please find enclosed herewith the half yearly Environment Clearance Compliance report (Monitoring Period April to September 2024) along with applicable annexures.

Thanking You

Yours Faithfully

For, M/s. DLF Exclusive Floors Private Limited



Authorized Signatory

Encl- Half yearly compliance report for December, 2024

Cc:

1. The Member Secretary, Goa State Pollution Control Board, Nr. Pilerne Industrial Estate, opp. Saligao seminary, Saligao- Bardez, Goa 403511
2. The Member Secretary, Goa State Impact Assessment Authority, 4<sup>th</sup> floor, Dempo Towers, Patto, Panjim, Goa 403001.

  
Goa State Pollution Control Board  
Opp. Saligao Seminary  
Saligao Goa 403 511

**Your (Half Yearly Compliance Report) has been Submitted with following details**

<b>Proposal No</b>	SIA/GA/MIS/294655/2022
<b>Compliance ID</b>	98216928
<b>Compliance Number(For Tracking)</b>	EC/M/COMPLIANCE/98216928/2024
<b>Reporting Year</b>	2024
<b>Reporting Period</b>	01 Dec(01 Apr - 30 Sep)
<b>Submission Date</b>	30-11-2024
<b>RO/SRO Name</b>	V Geroge Jenner
<b>RO/SRO Email</b>	tr025@ifs.nic.in
<b>State</b>	GOA
<b>RO/SRO Office Address</b>	Integrated Regional Offices, Bengaluru
<b>Note:-</b> SMS and E-Mail has been sent to V Geroge Jenner, GOA with Notification to Project Proponent.	

**HALF-YEARLY ENVIRONMENTAL  
CLEARANCE COMPLIANCE REPORT  
(April to September, 2024)**

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**For**  
**Proposed Residential Development Project**  
Survey Nos. 87-1/A-1 & 87-/A-2,  
Village: Reis Magos, Taluka: Bardez, Goa

**Environmental Clearance Reference**  
**F.No. 21-64/2017-IA-III, dated 14th**  
**September 2017**

**Submitted By**  
**DLF Exclusive Floors Pvt. Ltd.**  
**(Project Proponent)**

## **Project Overview**

The project was granted Environmental Clearance (EC) by the Ministry of Environment, Forest & Climate Change (MoEF&CC), IA-III Section, under reference No. 21-64/2017-IA-III, dated September 14, 2017, for a residential group housing project. The approved project originally included the construction of 84 villas and a clubhouse, covering a built-up area of 52,589.14 sqm on a plot area of 106,345.66 sqm. Subsequently, the EC was transferred from M/s. Delanco Homes & Resorts Pvt. Ltd. to DLF Exclusive Floors Pvt. Ltd. on May 16, 2023. Copies of the original Environmental Clearance and the transfer letter are enclosed as **Annexure 1** and **Annexure 2**, respectively.

## **Proposed Revision in Project Scope and Environmental Clearance Amendment**

DLF Exclusive Floors Pvt. Ltd. has proposed revisions to the building plans, necessitating an Amendment in Environmental Clearance due to changes in project scope. The revised plan includes the construction of 61 villas, increasing the built-up area to 98,704.79 sqm on a plot area of 130,484.66 sqm. An application for Amendment in Environmental Clearance has been submitted to the Goa State Environment Impact Assessment Authority (Goa SEIAA). Acknowledgment of the application is enclosed as **Annexure 3**.

## **Current Construction Status**

In accordance with the EC dated September 14, 2017, construction activities at the project site are underway. These include:

1. Construction of a retaining wall.
2. Sub-grade work for internal access roads.

To support these activities, an on-site Ready-Mix Concrete (RMC) plant is operational, with the necessary Consent to Operate (CTO) obtained from the Goa State Pollution Control Board (GSPCB). A copy of the CTO is enclosed as **Annexure 4**.

**PART A- Specific Conditions as per Environmental Clearance**

	Details of Condition	Response
<b>I.</b>	<b>Construction phase</b>	
i.	<p>The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.</p>	<p><b>Complied.</b></p> <ol style="list-style-type: none"> <li>1. <b>Clearances and Permissions Obtained:</b>                      The following clearances and permissions have been obtained from the relevant authorities, ensuring compliance with the condition:                     <ul style="list-style-type: none"> <li>○ <b>Renewal of Technical Clearance Order:</b> Ref. No. TPBZ/682/RM/TCP-2022/578, dated 28/03/2022. (Enclosed as <b>Annexure 5.1</b>)</li> <li>○ <b>Consent to Establish:</b> Vide No. 12/2021-PCB/1086293/R0008435, dated 16/05/2022. (Enclosed as <b>Annexure 5.2</b>)</li> </ul> </li> <li>2. <b>Compliance with Local Building Byelaws:</b> <ul style="list-style-type: none"> <li>○ The approved site plan complies with all applicable local building byelaws.</li> <li>○ A certified copy of the approved site plan is enclosed as <b>Annexure 6</b> for reference.</li> </ul> </li> <li>3. <b>Documentation and Verification:</b> <ul style="list-style-type: none"> <li>○ All NOCs and permissions have been reviewed to ensure their validity and alignment with the project’s current scope.</li> <li>○ Copies of these documents are enclosed for verification by the reviewing authority.</li> </ul> </li> <li>4. <b>Site Plan Alignment:</b> <ul style="list-style-type: none"> <li>○ The site plan reflects adherence to town planning norms, zoning regulations, and other building standards.</li> </ul> </li> <li>5. <b>Summary:</b> <ul style="list-style-type: none"> <li>○ No work commenced until all requisite clearances were obtained.</li> </ul> </li> </ol>

		<ul style="list-style-type: none"> <li>○ All construction activities are being executed strictly in accordance with the permissions granted and applicable legal frameworks.</li> </ul> <p><b>6. Supporting Annexures:</b></p> <ul style="list-style-type: none"> <li>○ Annexure 5.1: Renewal of Technical Clearance Order.</li> <li>○ Annexure 5.2: Consent to Establish.</li> <li>○ Annexure 6: Approved Site Plan.</li> </ul>
ii	<p>The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.</p>	<p><b>Being Complied.</b></p> <p><b>1. Maintenance of Natural Drainage System:</b></p> <ul style="list-style-type: none"> <li>○ The existing natural drainage pattern at the site has been retained to ensure unrestricted flow of water.</li> <li>○ Rainfall runoff from the project site follows its natural path without any obstruction or deviation.</li> <li>○ A drainage plan has been implemented to channel runoff through properly designed silt chambers to prevent sedimentation and allow only clean water to flow into the Government stormwater drain outside the project boundary.</li> </ul> <p><b>2. Stormwater Management Measures:</b></p> <ul style="list-style-type: none"> <li>○ Silt chambers have been constructed at key locations to filter runoff water effectively.</li> <li>○ The runoff is connected to the external drainage system without altering or obstructing the natural flow.</li> </ul> <p><b>3. Topography and Land Disturbance:</b></p> <ul style="list-style-type: none"> <li>○ The building design aligns with the site's natural topography to minimize cutting and filling.</li> <li>○ Earthworks have been optimized to reduce environmental impact and preserve the natural contours of the land.</li> </ul> <p><b>4. Monitoring and Documentation:</b></p>

		<ul style="list-style-type: none"> <li>○ The drainage pattern has been documented, and existing site drainage plan is enclosed as <b>Annexure 7</b> for verification.</li> <li>○ Regular inspections and maintenance of the drainage system are conducted to ensure compliance.</li> </ul> <p>5. Supporting Annexures:</p> <ul style="list-style-type: none"> <li>○ Annexure 7: Plan showing the existing drainage pattern of the site.</li> </ul>
iii.	<p>Construction site shall be adequately barricaded before the construction begins. Dust, smoke &amp; other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site. Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution. Wet jet shall be provided for grinding and stone cutting. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.</p>	<p><b>Being Complied.</b></p> <p><b>1. Barricading of the Site:</b></p> <ul style="list-style-type: none"> <li>○ A 3-meter-high compound wall has been constructed on the west side of the project, while the remaining sections are 1.8 meters high, which serves as a wind-breaking barrier and minimize dust dispersion. A photograph of the same is enclosed as <b>Annexure 8</b>.</li> <li>○ Additional temporary GI sheet barricades are installed at specific construction zones to provide localized dust containment.</li> </ul> <p><b>2. Air Pollution Control Measures:</b></p> <ul style="list-style-type: none"> <li>○ Vehicles transporting sand, cement, murrum, and other materials are covered with plastic/tarpaulin sheets to prevent spillage and dust generation.</li> <li>○ Wet jet systems are provided for grinding and stone cutting operations to suppress dust at the source. Grinding and cutting is performed in the covered shed.</li> <li>○ Sand, murrum, loose soil, and cement stored on-site are covered</li> </ul>

		<p>with tarpaulin sheets to minimize exposure to wind and prevent dust pollution.</p> <ul style="list-style-type: none"> <li>○ Loose soil at the site is covered with tarpaulin sheets to minimize dust dispersion. Photograph of the same is enclosed as <b>Annexure 9</b>.</li> <li>○ Regular water sprinkling is carried out by tanker water on unpaved surfaces and access roads to control dust emissions.</li> <li>○ A sprinkler system is implemented to control dust emissions from crushed sand and basalt aggregate</li> </ul> <p><b>3. Monitoring and Compliance:</b></p> <ul style="list-style-type: none"> <li>○ Ambient air quality is continuously monitored at the site for parameters such as PM10, PM2.5, NO2, and SO2 to ensure compliance with CPCB norms.</li> <li>○ The latest air quality monitoring report is enclosed as <b>Annexure 10</b>. The results indicate that all parameters are within the prescribed limits.</li> </ul> <p><b>4. Verification and Documentation:</b></p> <ul style="list-style-type: none"> <li>○ Regular site inspections are conducted to ensure all measures are effectively implemented and maintained.</li> </ul>
iv.	<p>All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be</p>	<p><b>Being Complied.</b></p> <p><b>1. Construction and Demolition (C&amp;D) Waste Management:</b></p> <ul style="list-style-type: none"> <li>○ All construction and demolition waste are managed as per the <i>Construction and Demolition Waste Management Rules, 2016</i>.</li> <li>○ Storage: C&amp;D debris is stored within the site in demarcated zones to prevent spillage onto roads or open spaces outside the premises.</li> <li>○ Disposal: Non-reusable debris is being disposed of through</li> </ul>



	<p>provided with dust mask.</p>	<p>authorized vendors and at designated C&amp;D waste collection points approved by the local authorities. Disposal records are maintained for compliance verification.</p> <ul style="list-style-type: none"> <li>○ Segregation: Waste is segregated into reusable and non-reusable components. Recyclable like metal is sent for recycling through authorized recyclers.</li> </ul> <p><b>2. Worker Safety Measures:</b></p> <ul style="list-style-type: none"> <li>○ Dust masks are provided to all workers involved in loading, unloading, and transportation of construction materials and debris.</li> <li>○ Workers operating in dusty environments, including excavation and material handling areas, are equipped with personal protective equipment (PPE) such as gloves, helmets, and reflective vests.</li> <li>○ Regular awareness sessions and training are conducted to ensure workers understand the importance of PPE and dust management practices.</li> </ul> <p><b>3. Additional Dust Control Measures:</b></p> <ul style="list-style-type: none"> <li>○ Vehicles transporting construction debris and materials are covered with tarpaulin to prevent spillage and dust generation during transit.</li> </ul> <p><b>4. Monitoring and Compliance:</b></p> <ul style="list-style-type: none"> <li>○ On-site inspections are conducted regularly to ensure adherence to C&amp;D Waste Management Rules and to verify the implementation of worker safety measures.</li> <li>○ Records of waste generation, storage, recycling, and disposal are maintained and will be available for review.</li> </ul> <p><b>5. Detail Compliance Measures:</b></p> <ul style="list-style-type: none"> <li>● A total of 11,780 m<sup>3</sup> of Construction and</li> </ul>
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		<p>Demolition (C&amp;D) waste was generated. The waste was systematically segregated on-site, with concrete debris repurposed for soling activities in the raft foundation at the DLF Promenade project located at EDC Patto. Metallic scrap was meticulously handled and disposed of through authorized scrap dealers, ensuring compliance with waste management protocols. Comprehensive documentation, including detailed records of truck trips for waste transportation, is maintained on-site to facilitate verification. A contractor-issued statement, specifying the quantity and designated utilization of the C&amp;D waste, is provided as <b>Annexure 11</b>.</p> <ul style="list-style-type: none"><li>• The demolition of the retaining wall generated a total of 2,700 m<sup>3</sup> of debris. A portion of this material, amounting to 400 m<sup>3</sup>, is securely stored on-site, while the remainder has been disposed of through an authorized contractor at the designated site. A contractor's letter confirming the same, is enclosed as <b>Annexure 12</b>.</li><li>• The workers working on the site for segregation of C&amp;D are provided with complete PPEs like safety shoes, helmets, gloves, and face mask.</li></ul>
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<p>v.</p>	<p>Provisions shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.</p>	<p><b>Being Complied.</b></p> <p><b>1. Housing Facilities for Construction Labor:</b></p> <ul style="list-style-type: none"> <li>○ Temporary sheds have been constructed within the site as living quarters for the laborers. These structures are equipped with adequate ventilation, lighting, and safety measures to ensure comfortable living conditions.</li> <li>○ Housing arrangements are monitored regularly to maintain hygienic and safe conditions.</li> </ul> <p><b>2. Sanitation and Waste Management:</b></p> <ul style="list-style-type: none"> <li>○ Toilet Facilities: Toilet blocks with septic tanks and soak pits have been installed to cater to the sanitation needs of the laborers.</li> <li>○ Solid Waste Disposal: Solid waste generated in the labor colony is segregated into biodegradable and non-biodegradable waste. Biodegradable waste is composted on-site, while non-biodegradable waste is disposed of through authorized recyclers appointed by the local Panchayat.</li> <li>○ Wastewater Management: The sewage collected from the temporary toilets is periodically transferred to a septic tank soak pit for percolation.</li> </ul> <p><b>3. Provision of Safe Drinking Water:</b></p> <ul style="list-style-type: none"> <li>○ Potable drinking water is supplied on-site and tested periodically to ensure compliance with drinking water quality standards.</li> <li>○ Drinking water stations have been strategically placed to ensure easy access for laborers.</li> <li>○ Drinking water is supplied by tanker, with an RO system installed to ensure its availability for consumption.</li> </ul> <p><b>4. Cooking and Fuel Arrangements:</b></p>
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		<ul style="list-style-type: none"><li>○ Fuel-efficient cooking stoves have been provided to minimize fire hazards and pollution. Safe storage for cooking fuel has also been arranged.</li><li>○ A dedicated area for cooking is maintained, equipped with adequate ventilation to prevent health risks from smoke.</li></ul> <p><b>5. Health Care and Medical Facilities:</b></p> <ul style="list-style-type: none"><li>○ A first-aid kit is maintained at the site for immediate medical assistance.</li><li>○ Arrangements are in place for access to medical care, including tie-ups with a nearby clinic for regular health check-ups and emergencies.</li><li>○ Health cards provided for the workers.</li></ul> <p><b>6. Childcare (Creche Facilities):</b></p> <ul style="list-style-type: none"><li>○ A temporary creche facility has been set up for children of construction workers, providing a safe and nurturing environment during work hours.</li></ul> <p><b>7. Waste Management Records:</b></p> <ul style="list-style-type: none"><li>○ Documentation is maintained for waste generated, collected, and disposed of, ensuring transparency and compliance with waste management rules.</li></ul> <p><b>8. Safety and Hygiene Measures:</b></p> <ul style="list-style-type: none"><li>○ Regular cleaning and disinfection of the labor housing and toilet areas are conducted to prevent the spread of diseases.</li><li>○ Awareness sessions are held for laborers regarding sanitation, hygiene, and safety practices.</li></ul> <p><b>9. Removal post-completion:</b></p> <ul style="list-style-type: none"><li>○ Temporary housing and related facilities will be dismantled after the completion of the project, and the area will be restored to its original condition.</li></ul>
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		<p><b>10. Total Number of Laborers: Currently a total of 80 numbers of workers are residing on the site.</b></p> <p><b>11. Toilet Facilities: A total of 7 toilet blocks have been provided, with separate facilities for females and males.</b></p> <p><b>12. Water Supply:</b></p> <ul style="list-style-type: none"><li>• The source of water is tanker-supplied water.</li><li>• An average of 10 KL of water is supplied every day for the construction labours for domestic purpose.</li><li>• An RO (Reverse Osmosis) system is installed to ensure safe drinking water.</li><li>• Regular analysis of the drinking water is being carried out. Latest analysis report is enclosed as <b>Annexure 13</b>.</li><li>• A 20 KL storage tank has been set up to supply water for domestic use and flushing purposes.</li></ul> <ul style="list-style-type: none"><li>• The laborers are provided with appropriate Personal Protective Equipment (PPE), and a site supervisor is assigned to ensure that all workers consistently wear their PPE.</li><li>• Induction training is given to the new workers and TBT (tour box talk meeting) is held daily for the labours.</li><li>• Also, fire safety training is also given to the workers.</li><li>• Photographs as evidence of the above training sessions is enclosed as <b>Annexure 14</b>.</li><li>• Apart from this health cards are provided for the labours.</li></ul> <p><b>13. Photographic Evidence:</b></p> <ul style="list-style-type: none"><li>• Temporary structures, safe drinking water, and toilet facilities have been provided. Photographic evidence of these arrangements is included as <b>Annexure 15</b>.</li></ul>
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vi.	At least 20% of the open spaces as required by the local building by-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.	<b>Agreed to Comply</b>
vii.	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC. Outdoor and common area lighting shall be LED. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.	<b>Agreed to comply</b>
viii.	Use of water saving devices/ fixtures (viz. low flow flushing systems, use of low flow faucets taps aerators etc.) for water conservation shall be incorporated in the building plan.	<b>Agreed to comply</b>

ix.	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc.and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.	<b>Agreed to comply</b>
x.	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system-be done.	<b>Agreed to comply</b>
xi.	Sewage shall be treated in the STP with tertiary treatment i.e., Ultra-Filtration. The treated effluent from STP shall be recycled/re-used for flushing, horticulture & DG cooling. Excess treated effluent shall be discharged in too Municipal sewer line as per CPCB norms.	<b>Agreed to comply</b>
xii.	The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 1 no. of rain water harvesting tanks of total capacity of 110 m <sup>3</sup> shall be provided as per CGWB guidelines.	<b>Agreed to comply</b>
xiii.	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. Adequate space shall be provided for solid waste management	<b>Agreed to comply</b>

	within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to dumping site.	
xiv.	Solar based electric power shall be provided to each unit for at least two bulbs/light and one fan. As proposed, central lighting and street lighting shall also be based on solar power.	<b>Agreed to comply</b>
xv.	A First Aid Room shall be provided in the project both during construction and operations of the project.	<p><b>Being Complied.</b></p> <p>1. <b>First Aid Facilities During Construction Phase:</b></p> <ul style="list-style-type: none"> <li>○ A dedicated <b>First Aid Room</b> has been set up at the project site for the benefit of construction workers.</li> <li>○ The room is equipped with the following: <ul style="list-style-type: none"> <li>▪ A stretcher, splints, and bandages.</li> <li>▪ Essential first aid supplies, such as antiseptics, pain relievers, and wound care materials.</li> <li>▪ Emergency medical equipment, including a blood pressure monitor and basic diagnostic tools, is available on-site.</li> <li>▪ Additionally, a nurse is stationed at the site, and an ambulance is on standby for medical emergencies.</li> <li>▪ The First Aid Room is managed by a trained first-aid responder available during working hours.</li> <li>▪ Regular health check-ups for workers are conducted in collaboration with a nearby healthcare facility.</li> </ul> </li> </ul> <p><b>First Aid Facilities During Operational Phase – Agreed to comply</b></p>



<p>xvi.</p>	<p>Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.</p>	<p><b>Being Complied.</b></p> <p><b>1. Topsoil Stripping and Stockpiling:</b></p> <ul style="list-style-type: none"> <li>○ During the construction phase, topsoil was stripped to a depth of 20 cm from all areas designated for building, road, and pavement construction as per the prescribed guidelines.</li> <li>○ The excavated topsoil has been stored securely within designated areas on-site.</li> <li>○ Measures have been taken to ensure that the topsoil is protected from erosion and degradation by covering the stockpiles with tarpaulin sheets and maintaining moisture through periodic sprinkling of water.</li> </ul> <p><b>2. Utilization for Landscape Development:</b></p> <ul style="list-style-type: none"> <li>● adhering to the conditions outlined in the tree cutting permission. In line with the mandated 1:3 plantation ratio, three new trees have been planted for every tree removed. To date, a total of 908 trees have been planted as part of the compensatory plantation initiative.</li> </ul> <p><b>3. Commitment to Compliance:</b></p> <ul style="list-style-type: none"> <li>● Topsoil excavated during the excavation was approximately 6000 cubic meter was stored on the site and was subsequently used for landscape development around the project boundary for plantation.</li> <li>● Currently, no topsoil has been generated. If topsoil is produced in the future, it will be appropriately stored and covered with a green mesh to prevent dust dispersion.</li> </ul>
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<p>xvii.</p>	<p>Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.</p>	<p><b>Agreed to Comply</b></p> <ul style="list-style-type: none"> <li>• Disposal of muck during the construction phase will be conducted in strict compliance with all applicable safety and environmental guidelines.</li> <li>• Measures will be taken to ensure that the disposal process does not adversely affect neighboring communities.</li> <li>• Muck will be transported and disposed of exclusively at approved sites, with prior authorization obtained from the competent authority.</li> <li>• Additionally, all necessary precautions will be implemented to safeguard public health and general safety.</li> </ul> <p><b>2. Compliance measures.</b></p> <ul style="list-style-type: none"> <li>• The muck generated during construction was disposed of with meticulous care to prevent any spillages during transportation.</li> <li>• All trucks transporting muck were securely covered with tarpaulin sheets to contain the material and minimize dust emissions.</li> <li>• The absence of complaints from the neighbouring community reflects the effectiveness of these measures and confirms that the disposal process was conducted safely and responsibly.</li> </ul>
<p>xviii .</p>	<p>The diesel generator sets to be used during construction phase shall be low Sulphur diesel type and shall conform to Environmental (protection) prescribed for air and noise emission standards.</p>	<p><b>Agreed to Comply</b></p> <p>Currently, no DG set is being used at the site. If required in the future, only DG sets operating on low-sulfur diesel and compliant with the Environmental (Protection) Rules for air and noise emission standards will be deployed. Necessary documentation, including compliance certificates for the DG sets, will be maintained and submitted as required.</p>

<p>xvix.</p>	<p>Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.</p>	<p><b>Being complied.</b>          To minimize water demand during construction, a Ready-Mix Concrete (RMC) plant is operational at the site, and pre-mixed concrete is being utilized extensively for all construction activities. Additionally, curing agents are being employed wherever applicable to further optimize water usage. These measures are in line with the stipulated condition, ensuring sustainable construction practices.</p>
<p>xx.</p>	<p>As proposed, no ground water shall be used during the construction/ operation phase of the project.</p>	<p><b>Agreed to comply.</b>          Groundwater is not being utilized for any purpose during the construction or proposed operation phases of the project. Water requirements are being met entirely through water tankers sourced from authorized suppliers. Adequate documentation of water sourcing, including supplier details and records of water procurement, is maintained to ensure compliance with the stipulated condition.</p> <p><b>1. Compliance Measures</b></p> <ul style="list-style-type: none"> <li>• In alignment with the Environmental Clearance (EC) conditions, approximately 15 KLD (kiloliters per day) of water is required to meet domestic and construction needs. This demand is fulfilled through the provision of water tankers.</li> </ul> <p><b>2. Commitment to Monitoring:</b></p> <ul style="list-style-type: none"> <li>• The above supplied water is regularly tested at NABL accredited laboratory. The analysis report is already enclosed as annexure 13.</li> </ul>
<p>xxi.</p>	<p>Approval of the CGWA require before any dewatering for basements.</p>	<p><b>Agreed to Comply</b></p>
<p>xxii.</p>	<p>The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building</p>	<p><b>Agreed to Comply</b></p>

	Code including protection measures from lightening etc.	
xxiii.	Any hazardous waste generated during construction phase shall be disposed of as per applicable rules and norms with necessary approvals of the State Pollution Control Board.	<b>Agreed to Comply</b>
xxiv.	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours	<p><b>Being Complied</b></p> <p><b>Pollution Under Control (PUC) Certificates:</b></p> <ul style="list-style-type: none"> <li>• A detailed record is maintained at the entry gate, where all construction vehicles undergo inspection, including checks for Pollution Under Control (PUC) certification.</li> </ul> <p><b>Operation During Non-Peak Hours:</b></p> <ul style="list-style-type: none"> <li>• Construction material transportation is scheduled during night time to reduce daytime traffic congestion and enhance logistical efficiency</li> </ul> <p><b>Monitoring and Documentation:</b></p> <ul style="list-style-type: none"> <li>• A comprehensive record of all vehicles, including their entry and exit times and supplier details, is meticulously maintained at the gate on the register for your perusal.</li> </ul>

<p>xxv.</p>	<p>Ambient noise levels shall conform to residential standards both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.</p>	<p><b>Being Complied</b></p> <p>Monitoring of ambient air quality and ambient noise levels is conducted regularly at the project site to ensure compliance with stipulated standards. The latest monitoring reports are as follows:</p> <ol style="list-style-type: none"> <li>1. <b>Ambient Air Quality Monitoring Report:</b> Enclosed as <b>Annexure-10</b>.</li> <li>2. <b>Ambient Noise Level Monitoring Report:</b> Enclosed as <b>Annexure-16</b>.</li> </ol> <p>The results from the monitoring indicate that both ambient air quality and noise levels conform to the <b>residential standards</b> prescribed by the <b>Central Pollution Control Board (CPCB)</b>.</p> <p>To further ensure compliance, the following measures are implemented:</p> <ol style="list-style-type: none"> <li>3. <b>Air Quality Management:</b> <ol style="list-style-type: none"> <li>1. Dust suppression is carried out using water sprinklers to minimize particulate matter emissions.</li> <li>2. Materials prone to dust generation are covered during transportation and storage.</li> <li>3. Loose soil is covered with green mesh.</li> </ol> </li> <li>4. <b>Noise Control Measures:</b> <ol style="list-style-type: none"> <li>1. Construction activities are scheduled during daytime hours to avoid night-time disturbances.</li> <li>2. Regular maintenance of machinery is conducted to minimize unnecessary noise and ensure optimal performance.</li> </ol> </li> </ol> <p><b>Compliance with CPCB Standards:</b></p> <p><b>Key Parameters Monitored</b></p> <ol style="list-style-type: none"> <li>3. PM10: 59.60 µg/m<sup>3</sup></li> <li>4. PM2.5: 24.40 µg/m<sup>3</sup></li> <li>5. SO<sub>2</sub> (Sulfur Dioxide): 9.60 µg/m<sup>3</sup></li> <li>6. NO<sub>x</sub> (Nitrogen Oxides): 9.80 µg/m<sup>3</sup></li> </ol> <p>All monitored parameters are well within the permissible limits set by the Central Pollution</p>
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		<p>Control Board (CPCB). The results indicate that effective measures are being implemented to prevent air pollution around the project area. Air quality monitoring is carried out on a half-yearly basis. The monitoring practices reflect our adherence to the guidelines set by the CPCB, reinforcing our commitment to environmental protection.</p> <p><b>Immediate Corrective Actions:</b></p> <ul style="list-style-type: none"> <li>• Increase water sprinkling frequency on construction sites and access roads to suppress dust.</li> <li>• Reduce dust-generating activities during high-wind conditions or peak traffic hours.</li> <li>• Increase the frequency of air quality monitoring to daily or weekly until compliance is re-established.</li> <li>• Conduct additional training for workers and contractors on effective pollution control practices.</li> </ul>
xxvi.	<p>Use of environment friendly materials in bricks, brocks and other construction materials, shall berequired for at least 20% of the construction material quantity, these include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, compressed earth blocks, and other environment friendly materials' Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.</p>	<p><b>Agreed to comply</b></p>
xxvii.	<p>An assessment of the cumulative impact of all activities being carried out or proposed to be carried out by the project, shall be made for traffic densities and parking capabilities in a</p>	<p>The project is low-rise, low-density development comprising of only 61 villas. Due to the project's nature and location, heavy traffic was not identified as a significant concern.</p>

	05 kms radius from the site. A detailed traffic management and a traffic decongestion plan drawn up through an organization of repute and specializing in Transport planning shall be implemented to the satisfaction of the state Urban Development and Transport Departments shall also include the consent of all the concerned implementing agencies.	
xxviii.	<p>A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.</p> <ul style="list-style-type: none"> <li>• Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.</li> <li>• Traffic calming measures.</li> </ul> <p>Proper design of entry and exit points Parking norms as per local regulation</p>	The project is low-rise, low-density development comprising of only 61 villas. Due to the project's nature and location, heavy traffic was not identified as a significant concern. As such a specialized transport planner or traffic consultant was not engaged in the in this project.
<b>Part B.</b>	<b>General Conditions</b>	
i.	A copy of the environmental clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District industries center and Collector's Office/ Tehsildar's office for 30 days.	<p><b>Being Complied.</b></p> <p>We have submitted EC compliance report along with EC letter to Goa State Pollution Control Board and to Goa-SEAC and to MoEF7CC regional office at Bangalore.</p>
ii.	The funds earmarked for environmental protection measures shall be kept in separate amount and shall not be diverted for other purpose. Year-wise expenditure shall be reported to this Ministry and its concerned Regional Office.	<b>Being Complied</b>
iii.	Officials from the Regional office of MoEF&CC, Bangalore who would be	<b>Agreed to comply</b>

	<p>monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents submitted to MoEF&amp;CC shall be forwarded to the APCCF, Regional Office of MoEF&amp;CC, Bangalore.</p>	
iv.	<p>In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.</p>	<b>Agreed to comply</b>
v.	<p>The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.</p>	<b>Agreed to comply</b>
vi.	<p>All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives. Fire Department, Civil Aviation-Department, the Forest Conservation Act, 1980 and the Wildlife (protection) Act, 1972 etc. shall be obtained as applicable by project proponents from the respective competent authorities.</p>	<b>Agreed to comply.</b>
vii.	<p>These stipulations would be enforced among others under the provisions of the water (Prevention and control of Pollution) Act, 1974, the Air (prevention and Control of Pollution) Act 1981, the Environment (protection) Act, 1986, the Public Liability (insurance) Act, 1991 and the EIA Notification, 2006.</p>	<b>Agreed to comply.</b>



viii.	<p>The project proponent shall advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the State pollution Control Board and may also be seen on the website of the Ministry of Environment, Forest and Climate Change at <a href="http://www.envfor.nic.in">http://www.envfor.nic.in</a>.</p> <p>The advertisement shall be made within Seven days from the date or receipt of the Clearance letter and a copy of the same shall be forwarded to the Regional Office of this Ministry at Bangalore.</p>	<p><b>Complied.</b></p> <p>We have made an advertisement in two local newspapers. Copy of the same is enclosed as <b>Annexure 17.</b></p>
ix.	<p>Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.</p>	-
x.	<p>A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/Municipal corporation, Urban Local body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.</p>	<p><b>Complied.</b></p>
xi.	<p>The proponent shall upload the status of compliance of the stipulated EC conditions' including results of monitored data on their website and shall update the same-periodically. It shall simultaneously be sent to the regional office of MoEF&amp;CC, the respective Zonal office or CPCB and the SPCB. The criteria pollutant levels</p>	<p><b>Being complied.</b></p> <p>We have periodically submitted half yearly EC compliance reports and monitoring reports to MoEF&amp;CC regional office, CPCB, and GSPCB. Ground water analysis reports are enclosed as <b>Annexure 18.</b></p>

	namely, SPM, RSPM, SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	
xii.	The environmental statement for each financial year ending 31 <sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF&CC by email.	<b>Agreed to Comply.</b>

F. No. 21-64/2017-IA-III  
Government of India  
Ministry of Environment, Forest and Climate Change  
(IA.III Section)

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

Date: 14<sup>th</sup> September, 2017

To,

**M/s Delanco Homes & Resorts Pvt Ltd**  
F-2, Landscape Excelsor,  
Opp. Kala Academy, DB Road,  
Campal, Panjim-403002

**Subject: "SAMARAYA" Proposed Residential Development at Survey No. 87-1/A-1& 87-/A-2, village-Reis Magos, Tal-Bardez, Goa by M/s Delanco Homes & Resorts Pvt Ltd – Environmental Clearance - reg.**

Sir,

This has reference to your online proposal No. IA/GA/NCP/62297/2017 dated 04<sup>th</sup> February 2017, submitted to this Ministry for grant of Environmental Clearance (EC) in terms of the provisions of the Environment Impact Assessment (EIA) Notification, 2006 under the Environment (Protection) Act, 1986.

2. The proposal for "SAMARAYA" Proposed Residential Development at Survey No. 87-1/A-1& 87-/A-2, village-Reis Magos, Tal-Bardez, Goa by M/s Delanco Homes & Resorts Pvt Ltd, was considered by the Expert Appraisal Committee (Infra-2) in its meetings held on 12-14 April, 2017 and 26-28 July, 2017. The details of the project, as per the documents submitted by the project proponent, and also as informed during the above meeting, are under:-

- (i) The project is located at 15° 29'38.11" N Latitude and 73° 49'54.85"E longitude.
- (ii) The project is for expansion. The proponent had received environmental clearance dated 12<sup>th</sup> September, 2008 vide letter number 21-712/2007-IA.III from MoEFCC for total construction area of 67,185.00 sqm. The proponent had initiated work on site as per the earlier EC. The validity of the EC lapsed in 2013. after which work on the site was stopped.
- (iii) The total plot area is 1,06,345.66 sqm. FSI area is 42,097.19 sqm and total construction area of 52,589.14 sqm. The project will comprise of 84 Villas (ground + 2 upper floors) + 1 Club house. Maximum height of the building is 6 m.
- (iv) During construction phase, total water requirement is expected to be 20 KLD which will be met by PWD or from ground water. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labor force.
- (v) During operational phase, total water demand of the project is expected to be 268 KLD and the same will be met from PWD and by the STP Recycled Water. Wastewater generated (94 KLD) will be treated in 1 STP of total 100 KLD capacity. 89 KLD of treated wastewater will be recycled (20 KLD for



flushing, 69 KLD for gardening). About 0 KLD will be disposed in to municipal drain.

- (vi) About 0.36 TPD solid waste will be generated in the project. The biodegradable waste (0.24 TPD) will be processed in OWC and the non-biodegradable waste generated (0.11 TPD) will be handed over to authorized local vendor.
- (vii) The total power requirement during construction phase is 125 KVA and will be met from Goa state Electricity Board and total power requirement during operation phase is 1000 KW and will be met from Goa state Electricity Board/ Solar energy.
- (viii) Rooftop rainwater of buildings will be collected in 1 RWH tank per villa of total 10 cum each capacity for harvesting after filtration.
- (ix) Parking facility for 92 four wheelers to be provided against the requirement of 84 (according to local norms).
- (x) The green development area will be kept as 54170 sqm (53%)
- (xi) Proposed energy saving measures would save about 202 KW of power.
- (xii) It is not located within 10 km of Eco Sensitive areas
- (xiii) There is no court case pending against the project.
- (xiv) Investment/Cost of the project is Rs. 200 in crore.
- (xv) Employment potential: During construction period, employment opportunities will be generated for local construction labourers.
- (xvi) Benefits of the project: The project involves construction of high end villas with swimming pools and a club house with amenities and facilities. It will serve as a tourist attraction

3. The EAC, in its meeting held on 26-28 July, 2017, after detailed deliberations on the proposal, has recommended for grant of Environmental Clearance to the project. As per recommendations of the EAC, the Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance to the project "SAMARAYA" Proposed Residential Development at Survey No. 87-1/A-1& 87-1/A-2, village-Reis Magos, Tal-Bardez, Goa by M/s Delanco Homes & Resorts Pvt Ltd, under the provisions of the EIA Notification, 2006 and amendments/circulars issued thereon, and subject to the specific and general conditions as under:-

#### **PART A – SPECIFIC CONDITIONS:**

##### **I. Construction Phase**

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.

Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.

- (iii) Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site. Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution. Wet jet shall be provided for grinding and stone cutting. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
- (iv) All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- (v) Provisions 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.
- (vi) At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
- (vii) Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC. Outdoor and common area lighting shall be LED. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
- (viii) Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
- (ix) Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
- (x) Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done

- (xi) Sewage shall be treated in the STP with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing, horticulture & DG cooling. Excess treated effluent shall be discharged in to Municipal sewer line as per CPCB norms.
- (xii) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 1 nos. of rain water harvesting tanks of total capacity of 110 m<sup>3</sup> shall be provided as per CGWB guidelines.
- (xiii) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. Adequate space shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to dumping site.
- (xiv) Solar based electric power shall be provided to each unit for at least two bulbs/light and one fan. As proposed, central lighting and street lighting shall also be based on solar power.
- (xv) A First Aid Room shall be provided in the project both during construction and operations of the project.
- (xvi) Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
- (xvii) Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- (xviii) The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
- (xix) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- (xx) As proposed, no ground water shall be used during construction/ operation phase of the project.
- (xxi) Approval of the CGWA require before any dewatering for basements.
- (xxii) The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightening etc.
- (xxiii) Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board
- (xxiv) Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to

applicable air and noise emission standards be operated only during non-peak hours.

- (xxv) Ambient noise levels shall conform to residential standards both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
- (xxvi) Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27<sup>th</sup> August, 2003 and 25<sup>th</sup> January, 2016. Ready mixed concrete must be used in building construction.
- (xxvii) An assessment of the cumulative impact of all activities being carried out or proposed to be carried out by the project, shall be made for traffic densities and parking capabilities in a 05 kms radius from the site. A detailed traffic management and a traffic decongestion plan drawn up through an organisation of repute and specialising in Transport Planning shall be implemented to the satisfaction of the State Urban Development and Transport Departments shall also include the consent of all the concerned implementing agencies.
- (xxviii) A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
- Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
  - Traffic calming measures
  - Proper design of entry and exit points.
  - Parking norms as per local regulation

## **II. Operational Phase**

- (i) The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- (ii) For indoor air quality the ventilation provisions as per National Building Code of India.
- (iii) Fresh water requirement from PWD Water Supply shall not exceed 20 m<sup>3</sup>/day.
- (iv) The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected

- by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
- (v) The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
  - (vi) No sewage or untreated effluent water would be discharged through storm water drains.
  - (vii) Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
  - (viii) The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, the Construction and Demolition Waste Management Rules, 2016 and the Plastics Waste Management Rules, 2016 shall be followed.
  - (ix) Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
  - (x) Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
  - (xi) Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning. Used CFLs, TFL and LED shall be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.
  - (xii) A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 54170 sqm area shall be provided for green belt development.
  - (xiii) An environmental management plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc are kept operational and meet the



required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.

- (xiv) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.

#### **PART B - GENERAL CONDITIONS**

- (i) A copy of the environmental clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industries centre and Collector's Office/ Tehsildar's office for 30 days.
- (ii) The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to this Ministry and its concerned Regional Office.
- (iii) Officials from the Regional Office of MoEF&CC, Bangalore who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents submitted to MoEF&CC shall be forwarded to the APCCF, Regional Office of MoEF&CC, Bangalore.
- (iv) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.
- (v) The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
- (vi) All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, the Forest Conservation Act, 1980 and the Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.
- (vii) These stipulations would be enforced among others under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and the EIA Notification, 2006.
- (viii) The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen on the website of the Ministry of Environment, Forest and Climate Change at <http://www.envfor.nic.in>. The advertisement shall be made within Seven days from the date of receipt of the Clearance letter and a copy of the same shall be forwarded to the Regional Office of this Ministry at Bangalore.
- (ix) Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

- (x) A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.
- (xi) The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- (xii) The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.
4. This issues with the approval of the Competent Authority.

  
(Kushal Vashist)  
Director

Copy to:

1. The Secretary, Department of Environment, Government of Goa, Panaji.
2. The Additional Principal Chief Conservator of Forests (C), Ministry of Environment, Forest and Climate Change, Regional Office (SZ), Kendriya Sadan, 4<sup>th</sup> Floor, E&F Wings, 17<sup>th</sup> Main Road, Koramangala II Block, Bangalore - 560034.
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
4. The Chairman, Goa State Pollution Control Board, Dempo Tower, EDC Plaza, 1st Floor, Panaji, Goa- 403 001.
5. Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.
6. Guard File/ Record File/ Notice Board.
7. MoEF&CC Website.

  
(Kushal Vashist)  
Director

- (x) A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.
- (xi) The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- (xii) The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.
4. This issues with the approval of the Competent Authority.

  
(Kushal Vashist)  
Director

**Copy to:**

1. The Secretary, Department of Environment, Government of Goa, Panaji.
2. The Additional Principal Chief Conservator of Forests (C), Ministry of Environment, Forest and Climate Change, Regional Office (SZ), Kendriya Sadan, 4<sup>th</sup> Floor, E&F Wings, 17<sup>th</sup> Main Road, Koramangala II Block, Bangalore – 560034.
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
4. The Chairman, Goa State Pollution Control Board, Dempo Tower, EDC Plaza, 1st Floor, Panaji, Goa- 403 001.
5. Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.
6. Guard File/ Record File/ Notice Board.
7. MoEF&CC Website.

  
(Kushal Vashist)  
Director

**GOA STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY**

Constituted by the Ministry of Environment, Forest and Climate Change,  
Government of India

C/o Department of Environment and Climate Change  
4th Floor, Dempo Towers, Patto Panaji Goa - 403001.

e-mail: goaseac@gmail.com

No: SIA/GA/MIS/294655/2022/42

Date: 16/05/2023

To,

**DLF Exclusive Floors Private Limited,**

2<sup>nd</sup> Floor, DLF Gateway Tower, R Block, DLF City,  
Phase III, Gurgaon Haryana 122002

**Sub: Transfer of Environmental Clearance from Delanco Homes & Resort  
Pvt. Ltd, to DLF Exclusive Floors Private Limited**

**Ref: Environmental Clearance bearing F.No. 21-64/2017-IA-III dated  
14.09.2017**

Sir / Madam,

With reference to above cited subject matter, the Authority considered the Environmental Clearance bearing F No.21-64/2017-III dated 14.09.2017 towards residential development at survey No. 87-/A-1 & 87/A-2, Village - Reis Magos, Tal Bardez, Goa of M/s Delanco Homes & Resorts Pvt Ltd and NOC from the the original owner M/s Delanco Homes & Resorts Pvt Ltd in its 102<sup>nd</sup> Meeting held on 02/05/2023 and decided to transfer the Environmental Clearance Plot bearing survey No. 87-/A-1 & 87/A-2, Village - Reis Magos, Tal Bardez, Goa in favour of DLF Exclusive Floors Private Limited.

The Environment Clearance stands transferred in your name with same terms and conditions and shall be valid upto 13/09/2024.

Directions / conditions contained in the above referred Environmental Clearance issued by the Goa SEIAA given to the original owners should be strictly abided by DLF Exclusive Floors Private Limited.

*Bitte*

**Specific Conditions.**

- i. All Construction debris laying on the site should be removed from the site.
- ii. Ensuring that no runoff goes outside the plot boundary.

This is for your information and records.

Yours faithfully,

*Gitte*

(Dr. Sneha S. Gitte, IAS)

Director, (Environment),

Member Secretary, Goa-SEIAA

Copy for favour of information to:

1. Prof. Suhas Godse, (Chairman, Goa-SEIAA), H. No. 5258, Saket, Nr. Pandurang Temple, Opp. Workshop Taleigao, Goa
2. Shri Gautham Dessai, (Chairman, Goa-SEAC), 4, Sapana Sunshine, Madel, Margao Goa - 403601.



**PARIVESH**Ministry of Environment, Forest and Climate Change  
Government of India

<b>Project Name:</b>	Amendment in Environment Clearance for Construction of Group housing project "The Bayview" at survey no. 87/1-A-1, 87/1-A-2 & 87/1-A-3 of Village Reis Magos, Taluka Bardez, North Goa, Goa.	<b>Single Window Number:</b>	SW/217066/2024
<b>State:</b>	GOA	<b>Proposal Number:</b>	SIA/GA/INFRA2/506556/2024
<b>Submission Date:</b>	19/11/2024	<b>Current Status:</b>	<b>Under Verification</b>
<b>Sector:</b>	INFRA2	<b>Project Category:</b>	B2
<b>Project Proponent Name:</b>	Dif Exclusive Floors Private Limited	<b>Proposal For:</b>	Amendment in EC

[Back](#)

**GOA STATE POLLUTION CONTROL BOARD****गोंय राज्य प्रदूषण नियंत्रण मंडळ**

(An ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Certified Board)

Phone Nos : 0832- 2407700,  
2407701, 2407703

Email Ids:

Chairman, GSPCB: [chairman-gspcb.goa@nic.in](mailto:chairman-gspcb.goa@nic.in)Member Secretary, GSPCB: [ms-gspcb.goa@nic.in](mailto:ms-gspcb.goa@nic.in)Office: [mail.gspcb@gov.in](mailto:mail.gspcb@gov.in)

No.12/2024-PCB/2197320/G00015272

Date: 08/07/2024

**Consent to Operate under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorisation under Rule 6(1) of the Hazardous and other Wastes (Management and Transboundary Movement) Rules 2016 as amended thereafter.**

*[To be referred as Water Act, Air Act and HW (M & T) Rules respectively]*

CONSENT TO OPERATE AND AUTHORISATION is hereby granted to:

**M/s. S. B. DESHMUKH.**

*(Represented by: Mr. Nanduri P CH Sekhar Rao )*

**(Green Category)**

**Survey No. 87/1-A, Plot no. 21, 22, 23,  
The Bay View Site, Near INS Mandovi Gate,  
Reis Magos, Bardez Goa.**

Located in the area declared under the provisions of the Water Act, Air Act and Authorization under the provisions of HW (M & T) Rules, subject to the provisions of the Act and the Rules and the Orders that may be made further and subject to the following terms and conditions:

1. This Consent to operate and Authorization is valid upto **22-04-2026.**

2. This Renewed Consent to operate and Authorization is valid for the Activity of:

Sr. No	Description	Quantity
1.	Ready mix concrete	6000 m3/month

3. **CONDITIONS REQUIRED TO BE COMPLIED UNDER THE WATER ACT:**

(i) The daily quantity of industrial effluent from the unit shall not exceed NIL

(ii) The daily quantity of domestic effluent from the unit shall not exceed **1.5 KLD.**

(iii) **Domestic Effluent treatment and Disposal:-**

Domestic wastewater shall be treated in a properly designed septic tank and discharged on land for percolation through soak pit of adequate size within the unit premises.

(iv) **The unit should empty septic tank and soak pit periodically through night soil tankers for safe disposal and submit the copies of the receipts to the Board on regular basis.**

(v) A good house-keeping shall be maintained within the unit premises. All pipes, valves and drains shall be maintained in leak-proof condition. Floor washings shall be maintained to the effluent collection system only and shall not be allowed to find way in open areas.

(vi) **Non-Hazardous Solid Waste:**

All the Solid wastes arising in the premises shall be properly classified and disposed off to the satisfaction of the Board. The total quantity shall be segregated and treated as follows:

Sr. no.	Type of segregated solid waste	Quantity	Disposal
1.	Concrete Waste	300m <sup>3</sup> /Month	<i>To be disposed to the GWMC approved C&amp;D waste disposal sites.</i>

- (vii) **The unit should implement rain water harvesting and ground water re-charge measures in consultation and approval of the Water Resource Department, Govt. of Goa and Directorate of Industries, Trade and Commerce, Govt. of Goa.**

**4. CONDITIONS REQUIRED TO BE COMPLIED UNDER THE AIR ACT:**

- (i) The unit shall maintain and operate air pollution control system of adequate capacity for the following equipments

Sr. No.	Name of Equipments/ Installation	No of Installation	Capacity	SO <sub>2</sub> Kg/Hr	NO <sub>x</sub> HC CO PM			
					(g/kw-hr)			
1.	D.G. set	01	140 KVA	0.28	9.2	1.3	3.5	0.3

- (ii) The unit shall erect the chimney(s) of the following specifications:

Sr. No	Chimney attached to	Height
1.	D.G Set of 140 KVA	3mtrs

- (iii) The unit shall observe the following standards:-

Sr. No	Type of fuel	Quantity /hr
1.	H.S.D for 140 KVA D.G Set	25liters/hr

- (iv) **The Stack Port Hole and Platform is to be designed as per CPCB guidelines Method 1 Part 1 of Stack Monitoring –Material & methodology for isokinetic sampling.**

- (v) The unit should comply with all the standards for D.G. Sets prescribed at Sr. no. 94, 95 and 96 of Schedule I of the Environment (Protection) Rules, 1986.

- (vi) The unit should carry out emission monitoring from the stacks connected to D.G. set once in a year from a laboratory recognized by Ministry of Environment and Forest under the Environment Protection Act, 1986 and the result shall be submitted to this Board by the 15<sup>th</sup> of subsequent month.

- (vii) The unit shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise. The limits are as follows

Category of Area/ Zone	Limits in dB (A) Leq	
	Day time	Night time
Industrial Area	75	70
Commercial Area	65	55
Residential Area	55	45
Silence Zone	50	40

*Day time is reckoned between 6 a.m. to 10 p.m. and night time is reckoned between 10 p.m. to 6 a.m.*



**5. CONDITIONS REQUIRED TO BE COMPLIED UNDER THE HAZARDOUS AND OTHER WASTES (MANAGEMENT AND TRANSBOUNDARY MOVEMENT) RULES 2016 AMENDED THEREAFTER:**

- (i) The unit is hereby granted authorization to operate a facility for generation, storage and disposal of hazardous wastes as specified below:

Sr. No.	Category	Type of waste	Quantity	Mode of disposal
1.	5.1	Used Spent Oil	0.05 MT/Annum	<i>To be disposed through recycler registered with SPCB and having valid authorization of SPCB</i>

- (ii) *The authorization shall comply with the provisions of the Environment (Protection) Act, 1986 and the rule made there under.*
- (iii) The person authorized shall not rent, lend, sell or transfer or otherwise transport the hazardous waste without obtaining prior permission of the Goa State pollution Control Board.
- (iv) Any unauthorized change in personnel, equipment or working conditions as mentioned in the hotel unit by the person authorized shall constitute a breach of his authorization.
- (v) It is a duty of the authorized person to take permission of the Goa State Pollution Control Board to close down the facility.
- (vi) The inner bottom surfaces of the tank shall be impervious enough to prevent leakage or seepage of these wastes into the sub surface soil or ground water.
- (vii) The occupier shall maintain a manifest system as per Rule 19 for disposal of hazardous wastes to ensure that these wastes are delivered to the designated facility preventing pilferage and clandestine disposal due to unforeseen events that may occur during transit.
- (viii) The manifest shall be endorsed by the dispatcher, transporter and receiver of hazardous wastes. The endorsed copy shall be furnished to the Goa State Pollution Control Board.
- (ix) Under any circumstances the hazardous waste shall not be disposed to unauthorized facilities.
- (x) The occupier shall maintain the records for collection, storage and disposal of hazardous waste in Form 3 of as per Hazardous And Other Waste (Management & Transboundary Movement) Rules 2016 as amended thereafter.
- (xi) The occupier shall furnish monthly returns for collection, storage and disposal of hazardous waste through online OCCMS systems.
- (xii) The unit shall put up an online board (minimum size 6x4 Feet) at prominent location near the main gate providing details as follows in English and Konkani languages:-
- Hazardous Waste category number.
  - Hazardous Waste quantity number.
  - Treatment facility for each category.
  - Mode of disposal for each category.
  - Hazardous Waste Authorization number, date and validity period.
  - Water Consent number, date and validity period.
  - Air Consent number, date and validity period.
  - Quantity and Nature of Hazardous Chemicals being used.

- (xiii) The occupier shall ensure that the Hazardous Wastes are not allowed to be stored for more than 90 days.
- (xiv) The unit shall submit online annual returns in prescribed format on or before 30<sup>th</sup> June of every year.

**6. GENERAL CONDITIONS:**

- (i) The unit shall not change or alter the quantity, quality of discharge, temperature or the mode of the effluent/ emission or control equipments provided for without previous permission of the Board.
- (ii) The unit shall provide facility for collection of samples of effluent, air emissions to the Board staff.
- (iii) An application in prescribed form along with the prescribed fees for renewal of Consent shall be submitted at least 60 days before the expiry of validity of this Consent. An application for renewal of Consent submitted after expiry of the validity shall accompany with penalty of 50% of the Consent fees in addition to the prescribed consent fees.
- (iv) The Board shall be forthwith informed of any accident or unforeseen event involving discharge of any poisonous, noxious or polluting matter into a stream or well or on land or into the atmosphere, as result of such discharge water/ air is being polluted.
- (v) This Consent to Operate is granted without any prejudice to any of the permission(s) required under any law, by laws and regulations in force and this Consent to Operate is confined to matters arising out of the Air Act and Water Act only
- (vi) The Board reserves the right to amend or add any conditions in this consent and the same shall be binding on the applicant.
- (vii) The unit shall submit to this office, the Environmental Statement Report in Form V for the Financial Year ending April to March by 30<sup>th</sup> September of the succeeding year as per the provisions of the rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- (viii) Reliable flow meter shall be installed to maintain record of water consumption/waste water generation per day. The records so maintained shall be made available to the Board officials whenever required.
- (ix) The industry shall bear the cost of analysis / monitoring in case of complaints received by the Board/ reinspections due to non compliances observed by the Board & monitoring carried by the Board.
- (x) The unit shall submit the details of the Public Liability Insurance Policy under the PLI Act 1991, to the Board office as applicable.
- (xi) The unit shall submit returns for disposal of batteries under the Battery Waste Management Rules 2022, if applicable.
- (xii) The unit shall submit returns for disposal of e - waste under the E- Waste Management Rules 2022, if applicable.
- (xiii) The unit shall submit returns for disposal of plastic waste under the Plastic Waste Management Amended Rules 2016 as amended thereafter, if applicable.
- (xiv) **The unit shall comply to the Guidelines and DUST Mitigation measures in handling Construction material and C & D waste issued by central Pollution Control Board and are placed on Board website goaspcb.gov.in**

- (xv) **The import, stocking, distribution, sale and use of single use plastic, including polystyrene and expanded polystyrene, commodities as stated in the Plastic Waste Management (Amendment) Rules, 2021 is prohibited.**
- (xvi) **The unit has to obtain no objection certificate from the Central Ground water Authority, or the concerned state authority for any ground water abstraction, if applicable.**

**7. SPECIFIC CONDITIONS**

- (i) **The unit shall provide water sprinklers along the periphery inside the premises.**
- (ii) **The unit shall do Tree plantation along the periphery inside boundary of the RMC premises having minimum width of 5m on all side. The foliage of the trees shall adequately cover area with maximum height upto 20m.**
- (iii) **The unit shall Erect a suitable shed or enclosure for the Raw Material storage area in order to prevent dust from getting air born and creating dust pollution.**
- (iv) **The Unit shall install mobile Wind breaking walls to prevent dust from getting air born and creating dust pollution, wherever required.**
- (v) **The unit shall Provide an effective sprinkling/ mist system for deep wetting of the fine dust during handling and process.**
- (vi) **The Unit shall carry out Lab Test through a MoEFCC recognized laboratory of Concrete Waste/slag for Heavy Metals and submit the same to the GSPCB.**
- (vii) **The unit shall make use of treated ETP/STP water from IDC for premises floor wetting.**
- (viii) **The unit shall Conduct AAQM at the Plot Boundary every month due to it significant dust generating potential.**
- (ix) **The unit shall take all precautionary measures to avoid surface runoff during monsoon or else when and submit action plan to the Board within 30 days from date of issue of this consent.**
- (x) **The Solid waste from transit mixture washing, debris/sludge generated from unit shall either be reused through recovery unit OR disposed off through proper designated approved site by GWMC for debris/ construction waste.**
- (xi) **The unit shall equip Storage Silos of cement & fly ash with adequate capacity of dust collection system such as multi – cyclone followed by bag house assembly.**
- (xii) **The unit shall equipped Storage area with roof top water sprinkler system.**

(xiii) **The Unit shall install online indicative noise monitoring and dust monitoring station approved by USEPA, TUV or CPCB, CSR at the boundary of the unit in consultation with the Board and connect the same to the Board server within one month of receipt of this Consent and submit compliance report to the Board.**

To,  
M/s. S.B DESHMUKH.  
(Represented by: Mr. Nanduri P CH Sekhar Rao )  
Survey No. 87/1-A, Plot no. 21, 22, 23,  
The Bay View Site, Near INS Mandovi Gate,  
Reis Magos, Bardez Goa.

**Copy to :-** 1 Accounts Section, 2 Concerned File, 3 Guard File

Received Consent fee of: **The capital Investment of the unit is Rs. 90,00,000/-**

Receipt No.	Amount	Date
2227645	Rs. 42,718/- Air and Water consent fees	16/05/2024

**Shamila Dos  
Milagres  
Monteiro** Digitally signed  
by Shamila Dos  
Milagres Monteiro  
Date: 2024.07.08  
16:47:34 +05'30'  
(Dr. Shamila Monteiro)  
Member Secretary  
Goa State Pollution Control Board

**CUSTOMER FEEDBACK**

Dear Citizen / Customer,

We appreciate you for sparing a few minutes for giving us your valuable feedback on our services

Name : .....

Contact .....

Address.....

Email:.....Date.....

Name of the service availed:.....

Are you aware that service standards are included in the Citizen’s Charter as available on Board’s website

:[www.goaspcb.gov.in](http://www.goaspcb.gov.in)?

Yes  No

If yes, is the Citizen Charter simple and easy to understand?

Yes  No

Description of service delivery parameters (Consents/Authorization/RTI’s/Complaints etc.)	Excellent	Good	Fair	Average	Poor	Reason for grading
Time taken to deliver service in comparison to service standards mentioned in Citizen’s Charter						
Quality of service (accuracy, completeness)						
Knowledge of dealing hand / staff regarding services/schemes						
Courtesy of staff						
Board’s response in view of your query/requirement is to your satisfaction						
Date of your visit to the office and your overall experience						

Suggestions for improvement, if any

.....  
 .....

Signature & date

To,  
**The Member Secretary,**  
**Goa State Pollution Control Board,**  
**Near Pilerne Industrial Estate,**  
**Opposite Saligao Seminary,**  
**Saligao, Bardez, Goa. 403511**

- ❖ Please note that your feedback is considered essential for overall improvement and development of Board functions in service of environment.



**OFFICE OF THE SENIOR TOWN PLANNER**  
Town & Country Planning Dept., North Goa District Office,  
302, Govt. Building Complex, Mapusa, Bardez - Goa.

Ref No.: TPBZ/682/RM/TCP-2022/1575


Dated: 28/03/2022

**RENEWAL OF TECHNICAL CLEARANCE ORDER**

Read:-This office Technical Clearance order ref. no. TPBZ/682/RM /TCP-19/2743 dt. 17/05/2019.

The Technical Clearance Order issued by this office vide above referred order dated 17/05/2019 for proposed construction of residential building A, B, C, D, E, F, G, H & I in amalgamated plots in respect of Sy.no.87/1-A-1, 87/1-A-2 & 87/1-A-3 of Reis Magos village of Bardez Taluka is hereby renewed & revalidated for the further period of 03 years i.e. from 17/05/2022 to 16/05/2025.

This order is issued with reference to the application dtd.04/03/2022.

  
(P. P. Bandodkar)  
Dy. Town Planner

To,  
**DLF Exclusive Floors Private Limited,**  
Office 2<sup>nd</sup> floor, DLF Gateway Tower,  
R-Block, DLF City, Phase -III,  
Gurgaon -122002.

Copy to:  
**The Sarpanch/Secretary,**  
Village Panchayat Reis Magos,  
Bardez Goa.

Pc1



**OFFICE OF THE SENIOR TOWN PLANNER**  
Town & Country Planning Dept., North Goa District Office,  
302, Govt. Building Complex, Mapusa, Bardez - Goa.

Ref No : TPBZ/682/RM/TCP-19/ 2743

Dated: 17/05/2019

**TECHNICAL CLEARANCE ORDER**

Ref No: Inward No. 3530

Dated. 18/05/2018

Technical Clearance is hereby granted for carrying out the proposed construction residential building A, B, C, D, E, F, G, H & I in amalgamated plots by Delanco Home & Resorts Pvt. Ltd. as per the enclosed approved plans in the property Zoned as Settlement Zone in Regional Plan for Goa 2021 and situated at village Reis Magos Taluka Bardez Goa, bearing Survey No.87/1-A-1, 87/1-A-2 & 87/1-A-3 with the following conditions:-

1. Construction shall be strictly as per the approved plans. No change shall be effected in the approved plans/approved built spaces without the prior permission of this Authority.
2. The permission granted shall be revoked, if any information, plans, calculations, documents and any other accompaniments of the application are found incorrect or wrong at any stage after the grant of the permission and the applicant will not be entitled for any compensation.
3. The development permission will not entitle the applicant for making/laying any claim on water and any other connection from the Government of Goa.
4. The Developer/applicant should display a sign board of minimum size 1.00 Mts. X 0.50 Mts. with writing in black color on a white background at the site, as required under the Regulations.
5. The applicant shall obtain Conversion Sanad under the Goa Land Revenue Code, 1968, before the Commencement of any development/construction as per the permission granted by this order.
6. The Septic Tank, soak pit should not be located within a distance of 15.00 meters from any other existing well in the plot area/plan.
7. The commencement and the completion of the work shall be notified to the authority in writing in appropriate forms.
8. Completion Certificate has to be obtained from the Authority before applying for Occupancy Certificate from the licensing authority.
9. Storm water drain should be constructed along the boundary of the effected plot abutting to the road.
10. Adequate Utility space for the dustbin, transformer etc. should be reserved within the plot area.
11. In case of any cutting of sloppy land or filing of low-lying land, beyond permissible limits, prior permission of the Chief Town Planner shall be obtained before the commencement of the works per the provisions of Section 17(A) of the Goa Town & Country Planning Act, 1974.
12. In case of Compound Walls, the gates shall open inwards only and traditional access, if any passing through the property shall not be blocked.

Contd...2/-

13. The Ownership and tenancy of land if any of the property shall be verified by the licensing body before the issuing of the license.
14. Panchayat shall ensure the infrastructure requirements such as water supply and garbage before issuing license.
15. The adequate arrangement for collection and disposal of solid waste generated within the plot shall arrange to satisfaction of Village Panchayat.
16. Applicant should make his own arrangement of water for the swimming pool.
17. The said building should be used for residential purpose only as per the Technical Clearance.
18. The area under road widening shall not be encroached/enclosed.
19. Stilt parking area proposed in the building shall be used for the parking of vehicles only and it shall not be changed for any purpose at any point of time.
20. Gradient of the ramps to the stilt floor parking should not be exceed 1:6.
21. Internal 10.00 mtrs, 8.00 mtrs & 6.00 mtrs access as shown on site plan shall be effectively developed.
22. The height of the compound wall strictly maintained as per rules in force.
23. Gate of Compound wall shall be open inwards only.
24. The Village Panchayat shall ensure that Sewage Treatment Plant proposed for the project functions effectively at all the time.
25. This Technical Clearance Order is issued based on the NOC from Inspector of Survey & Land Records, Panaji Goa vide letter no.19/DSL/Re-Survey Cell/CRZ-River/ 21/08/21464 dated 27/03/2008.
26. This Technical Clearance Order is issued based on the NOC from Member Secretary, GCZMA, vide letter no. GCZMA/N/08-09/40/526 dated 01/09/2008.
27. This Technical Clearance Order is issued based on the Order received from Vigilance vide letter no. 5/32/2014-VIG/STE/1455 dated 08/06/2016.
28. This Technical Clearance Order is issued based on the NOC obtained from Chief Town Planner, Town & Country Planning Dept., Panaji Goa under section 17-A of TCP Act vide letter no. 17-A/BAR/226/TCP-09/Pt./3905 dated 2/11/2009.
29. Applicant shall obtained NOC from Environment Clearance Authority under EIA notifications, 1994 before obtaining construction license from Village Panchayat.
30. Open spaces shall be strictly maintained as shown in the site plan and shall not be altered in any manner.
31. Open parking area should be should be effectively developed.
32. Solar water heating/solar energy capturing system shall be incorporated in the building as required under the Regulation.
33. The Village Panchayat shall ensure that Sewage Treatment Plant proposed for the project functions effectively at all the time.
34. Necessary N.O.C. if required from concerned authority under building by-laws if any for hotel project may be obtained prior to construction work.
35. Necessary arrangement for fire safety shall be made before applying for Occupancy.
36. Adequate avenue greenery should be developed.
37. Necessary provision for rain water harvesting shall be made and rain water harvesting tank shall be constructed as shown on site plan.
38. This Technical Clearance Order is issued based on the approval from the Govt. vide note moved vide no. TPBZ/682/RM/87/1/TCP-18/5071 dated 18/12/2018.
39. The Village<sup>3</sup> Panchayat shall take cognizance of any issue in case of any Complaints/ court orders before issue of construction license.
40. Applicant shall dispose the construction debris at his/her own level and/ or the same shall be taken to the designated site as per the disposal plan given by the applicant in the affidavit to be produced to the village Panchayat.


Contd...3/-



**NOTE:**

- a) This Technical Clearance Order is issued based on the order issued by the Secretary (TCP) vide no. 29/8/TCP/2018(Pt.File)/1672 dated 13/08/2018 pertaining to guide line for processing various application.
- b) An engineer who designs the RCC structure, of the project proponent is liable for structural designs and stability of the project, structural liability certificate issued by an engineer **Shri. Prakash Chandra** dtd.02/05/2018 TCP Reg. No. ER/003/2015.
- c) This order is issued with reference to the applications dated 18/05/2018 from **Delanco Home & Resorts Pvt. Ltd.,**
- d) Applicant has paid infrastructure tax of Rs.87,75,334/- (Rupees Eighty Seven lakhs Seventy Five Thousand Three Hundred Thirty Four Only) vide challan no.542 dated 01/03/2019.

**THIS ORDER IS VALID FOR THREE YEARS FROM THE DATE OF ISSUE OF CONSTRUCTION LICENCE PROVIDED THE CONSTRUCTION LICENCE IS ISSUED WITHIN THE PERIOD OF THREE YEARS.**

  
(S.P. Surlakar)  
Dy. Town Planner

To,  
**Delanco Home & Resorts Pvt. Ltd.,**  
Bhamini Real Estate Developers Pvt. Ltd.,  
F-2, Landscape Excesior, 1<sup>st</sup> Floor, Opp. Kala Academy, D.B. Road,  
Campal, Panaji Goa.

Copy to:  
✓ The Sarpanch/Secretary,  
Village Panchayat of **Reis Magos,**  
Bardez Goa.

The permission is granted subject to the provision of Town & Country Planning Act 1974 and the rules & Regulation framed there under.

Pc1

# GOA STATE POLLUTION CONTROL BOARD

## गोंय राज्य प्रदुशण नियंत्रण मंडळ

(An ISO 9001-2008 Certified Board)

Phone Nos : 91-832-2438567, 2438528

2438563, 2438550

Tel / Fax No. : 0832-2438528



Email id's :

Member Secretary, GSPCB - ms-gspcb.goa@nic.in  
 Environment Engineer, GSPCB - ee-gspcb.goa@nic.in  
 Scientist, GSPCB - scientist-gspcb.goa@nic.in  
 Asst. Env Engineer, GSPCB - aee-gspcb.goa@nic.in  
 Asst. Law Officer, GSPCB - alo-gspcb.goa@nic.in

No. 5/4079/09-PCB/CI-4549

Date: 5/09/2018

Renewal of Consent to Establish under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6(i) of the Hazardous and Other Wastes (Management and Transboundry Movement) Rules 2018 Amended.

[To be referred as Water Act, Air Act and HW (M & T) Rules respectively]

Consent to Establish is hereby granted to:

M/s. DELANCO HOME & RESORTS PVT. LTD.

&

M/s. BHAMINI REAL DEVELOPERS REAL ESTATES PVT. LTD.

(Orange Category)

Survey No.87-1/A (Part),  
 Reis Magos, Bardez - Goa

Located in the area declared under the provisions of the Water Act, Air Act and Authorization under the provisions of HW (M & T) Rules, subject to the provisions of the Act and the Rules and the Orders that may be made further and subject to the following terms and conditions:

- The Consent to Establish is valid upto Commissioning of the unit or 3 years which ever is earlier.
- This Consent to Establish is valid for the manufacture/ production/ extraction/ installation/ servicing/ trade/ activity as mentioned below:

Sr. No	Description	Quantity
1.	Villas	84 nos

### 3. CONDITIONS REQUIRED TO BE COMPLIED UNDER THE WATER ACT:

- The daily quantity of effluent from the Villa (sewage & sullage) shall not exceed 181.26 K.L.D.

W.O. ....

M.O. ....

ACCIS

S & M. ....

LSMC

(iii) **Sewage Treatment Plant:**

The unit shall provide comprehensive effluent/ sewage treatment plant (270 KLD capacity) ( consisting of primary/ secondary and/ or tertiary treatment as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of the treated effluent to the following standards:

pH	Between	5.5 & 9.0
Suspended Solids	Not to exceed	Not more than 20
BOD, 3 days, 27° C	Not to exceed	10 mg/l
COD	Not to exceed	50 mg/l
Oil & Grease	Not to exceed	10mg/l
NH4-N	Not to exceed	5mg/l
N-total	Not to exceed	10mg/l
Fecal Coliform	Less than	100mg/l
Bio-assay test		90% survival of fish after 96hours in 100%effluent

(iv) **Sewage Disposal:**

The treated effluent shall be recycled to the maximum extent and remaining shall be used on land for gardening. There shall not be any discharge outside the unit premises.

(v) A good house-keeping shall be maintained within the unit premises. All pipes, valves and drains shall be maintained in leak-proof condition. Floor washings shall be maintained to the effluent collection system only and shall not be allowed to find way in open areas.

(vi) **Non-Hazardous Solid Waste:**

All the Solid wastes arising in the premises shall be properly classified and disposed off to the satisfaction of the Board.

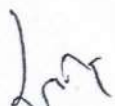
4. **CONDITIONS REQUIRED TO BE COMPLIED UNDER THE AIR ACT:**

(i) The unit may install the following equipments and shall be equipped with comprehensive control system as it is warranted with reference to generations of emissions and operate and maintain the same continuously:

Sr. No.	Name of Equipments/ Installation	No of Installation	Capacity	SO <sub>2</sub> Kg/Hr	(g/kw-hr)			
					NOx	HC	CO	PM
1.	D.G. set	02	1010 KVA	10.36	9.2	1.3	3.5	0.3
2.	D.G. set	02	750 KVA	2.7	9.2	1.3	3.5	0.3
3.	D.G. set	02	250 KVA	0.9	9.2	1.3	3.5	0.3

(ii) The unit shall erect the chimney(s) of the following specifications:

Sr. No	Chimney attached to	Height
1.	D.G. set (1010 KVA)	30 mtrs
2.	D.G. set (750 KVA)	30 mtrs
3.	D.G. set (250 KVA)	30 mtrs

  
(Sanjeev Joglekar)  
Environmental Engineer  
Goa State Pollution Control Board

(iii) The unit shall observe the following standards:-

Sr. No	Type of fuel	Quantity /hr
1.	H.S.D. (for D.G. set of 1010 KVA)	800 ltrs/hr
2.	H.S.D. (for D.G. set of 750 KVA)	75 ltrs/hr
3.	H.S.D. (for D.G. set of 250 KVA)	25 ltrs/hr

(iv) The unit should comply with all the standards for D.G. Sets prescribed at Sr. no. 94, 95 and 96 of Schedule I of the Environment (Protection) Rules, 1986.


(v) The unit shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise. The limits are as follows

Category of Area/ Zone	Limits in dB (A) Leq	
	Day time	Night time
Industrial Area	75	70
Commercial Area	65	55
Residential Area	55	45
Silence Zone	50	40

Day time is reckoned between 6 a.m. to 10 p.m. and night time is reckoned between 10 p.m. to 6 a.m.

#### 5. GENERAL CONDITIONS:

1. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
2. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning, etc. shall be done.
3. Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
4. The project proponent will provide landscape bed of 600mm wide X 600mm deep along the periphery of the plot to carry out plantation of trees. The treated water from the sewage treatment plant will be pumped through high flow drips on these beds to prevent outflow of treated sewage water outside the premises.
5. The applicant shall not change or alter the quantity, the rates of discharge, temperature and the mode of disposal of the effluent without previous written permission of the Board.
6. The applicant shall provide facilities for collection of the samples to the Board staff.
7. The industry shall discharge the treated effluents preferably on land for irrigation/ gardening/ lawn within their own premises or re-use after suitable treatment.

  
(Sanjeev Joglekar)  
Environmental Engineer  
Goa State Pollution Control Board

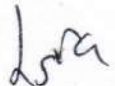
8. Stack heights for a (Diesel generator set(s) shall be as follows:

(a) Diesel Generator set(s): The minimum height of the stack to be provided with each generator shall be as per the formula  $H = h + \sqrt[0.2]{KVA}$  where H = total height of the stack in meters, h = height of the building in meters where the generators is installed and KVA = total generator capacity of the set in KVA.


The generator shall be installed in a closed area with a silencer and suitable noise absorption systems so as to comply with the ambient noise level standards as mentioned below:

The ambient noise level shall not exceed 75 dB (A) at a distance of 5 meters from the source.

9. The applicant shall provide ports in the chimney / stack and facilities such as ladder, platform etc. as per the directions of Pollution Control Board for monitoring the air emissions and the same shall be open for inspection and use the Board's staff. The chimney / stack attached to various sources of emissions shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
10. The industry shall implement the following Rules and Regulations notified by the Ministry of Environment and Forests, Govt. of India.
- a) Hazardous & Other Wastes (Management and Transboundary) Amended Rules, 2018;
  - b) Manufacture, storage and Import of Hazardous Chemicals Rules, 1989;
  - c) Rules for the Manufacture, Use, Import and Storage of Hazardous Micro - organism / - Genetically Engineered Organisms or Cell, 1989.
11. There shall not be any perceptible odour outside the industrial premises.
12. All the Rules and Regulations notified by the Ministry of Environment and Forests, Govt. of India in respect of noise pollution control measures shall be followed to avoid nuisance to public.
13. Notwithstanding anything contained in this conditional letter of consent, the Board hereby reserves its right and powers under section 27(2) of the Water (Prevention and Control of Pollution) Act 1974 and under section 21(4) of the Air (Prevention and Control of Pollution) Act 1981 to review any or all the conditions imposed hereby.
14. Any change in the details made after the submission of the application/ after obtaining the Consent to Establish shall be brought to the notice of the Board immediately.

  
(Sanjeev Joglekar)  
Environmental Engineer  
Goa State Pollution Control Board

15. This Consent to Establish is granted without any prejudice to any other permissions(s) required under any laws, bye – laws and regulations in force.
16. The unit should obtain permission from the Forest Department/ Wild Life Board wherever applicable.
17. The unit should implement rain water harvesting and ground water re-charge measures in consultation and approval of the Water Resource Department, Government of Goa and Directorate of Industries, Trade and Commerce, Government of Goa, before submitting an application for Consent to Operate.
18. The unit/ generator shall be responsible for safe and scientific collection, transportation, treatment and disposal of Bio-Medical Waste as per the provisions made under the Bio-Medical Waste (Management) Amended Rules, 2018. Any activity as defined under BMW (M) Rules has to obtain a separate Authorization from Goa State Pollution Control Board.
19. The unit should obtain all permissions / approvals as required under the prevalent Rules / Acts in force and this Consent to Operate is confined to matters arising out of the Air Act and Water Act only.
20. The unit shall apply for Consents to Operate of the Board as required under section 25(1) (b & c) of the Water (Prevention and Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 in the prescribed application form, 45 days before commissioning of the plant
21. Reliable flow meter shall be installed to maintain record of water consumption / waste water consumption per day. This records so maintained shall be made available to the Board officials whenever required.
22. **The unit shall comply to the Guidelines and DUST Mitigation measures in handling Construction material and C & D waste issued by central Pollution Control Board and are placed on Board website goaspcb.gov.in"**
23. **The Builder shall operate and maintain the sewage treatment plant effectively for an initial period of five years, before handing over the same to the residents of the society.**

  
(Sanjeev Joglekar)  
Environmental Engineer  
Goa State Pollution Control Board

To,  
M/s. DELANCO HOME & RESORT PVT. LTD.

&


M/s. BHAMINI REAL ESTATE DEVELOPERS PVT. LTD.


C/o. Col. Ravi Rajan, F-2,  
Landscape Excelsior, Opp. Kala Academy,  
D.B. Marg, Campal, Panaji - Goa

Copy to: - 1 Accounts Section  
2 Concerned File  
3 Guard File

Received Consent fee of: **The capital Investment of the unit is Rs. 200 Crores**

Challan no.	Amount	Date
922	Rs. 60,200/- (NOC fees)	11/04/2018

Typed by	Checked by
	Neabhudoni

  
(Sanjeev Joglekar)  
Environmental Engineer  
Goa State Pollution Control Board







3 meters height

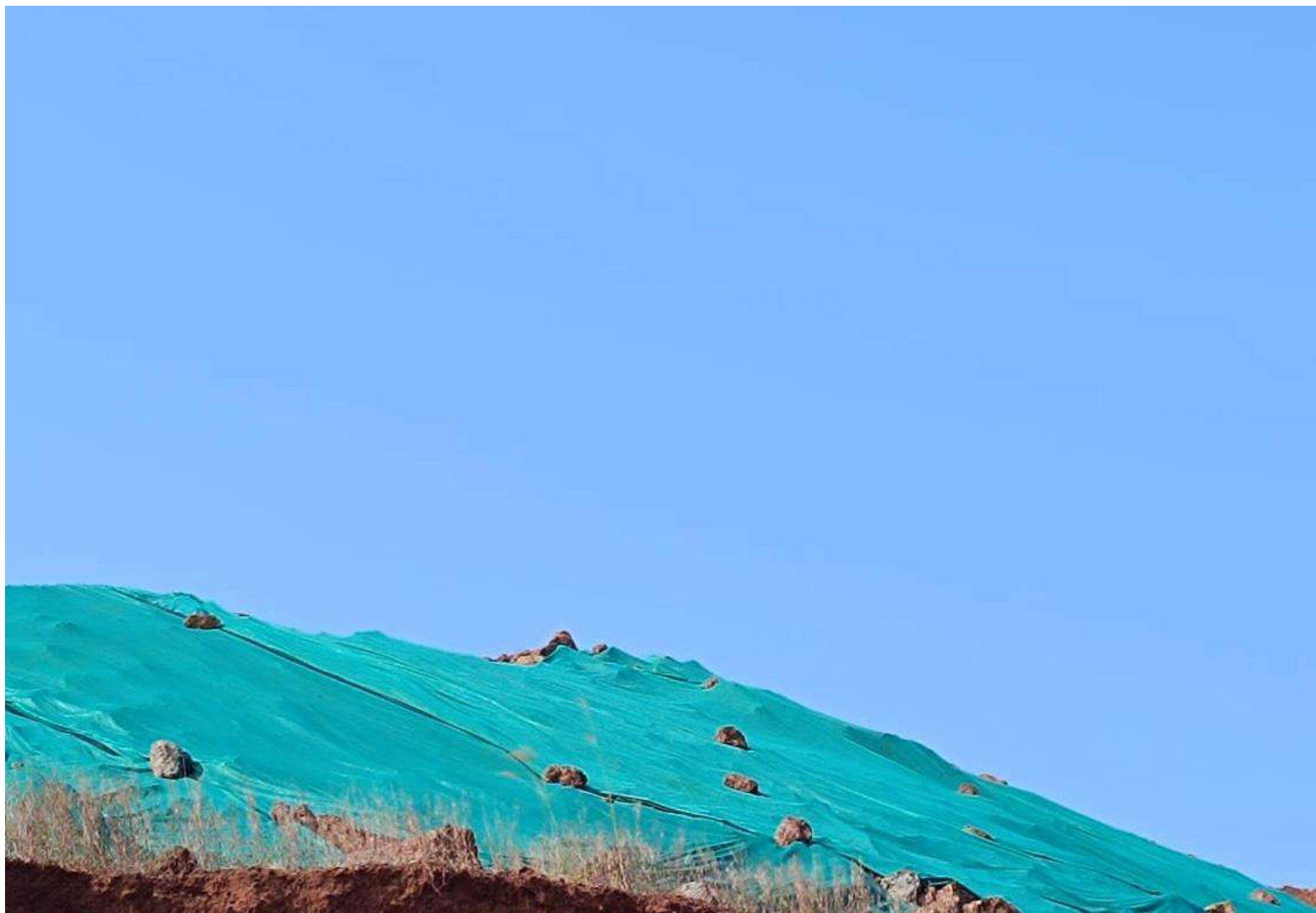


Verem | 2024.11.27 11:58

1.8 meters height









# MSV Analytical Laboratories

Annexure 10

Recognition by MoEF Under Environment (Protection) Act, 1986

(Certified by ISO 14001:2015, ISO 45001:2018, ISO 9001:2015, ISO 22000:2018)

C.M.C Ward No 18 & C.T.C W.No.16, T.S No 695 / A / 32 / B1, Block No 19 (1<sup>st</sup> & 2<sup>nd</sup> Floor)

Sanganakallu Road, KEB Circle, Bellary - 583103. Contact No : Mob: 9449803895, (O):9945456764, 08392-255169

E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com Website : www.msvalbellary.com

## ANALYSIS REPORT OF AMBIENT AIR QUALITY

- Name and Address of Industry** : DLF Exclusive Floors Pvt Ltd  
Sy. No. 87-1/A-1 & 87-/A-2, Reis Magos, Bardez-Goa
- Name of the location** : Near security gate - 3
- Sample Collected By** : Representative of MSV
- Particulars of the sampling Equipment's** : Sample collected with FDS & RDS 460BL
- Duration of Monitoring** : 24 Hours
- Date of Monitoring** : 09.09.2024
- Date of Sample Receipt** : 10.09.2024
- Sample Code** : 7383
- Analysis Starting Date** : 10.09.2024
- Analysis Completion Date** : 11.09.2024
- Report Issue Date** : 11.09.2024
- Sampling Protocol** : IS 5182: Part 14: 2019

Discipline: Chemical      Group: Atmospheric Pollution      Sub Group: Ambient Air  
ULR No: MSVAL/2024/4879

S.No	Parameter	Protocols	Units	Result in Avg.	Tolerance limits
1	Particulate Matter (Size less than 10 µm) PM <sub>10</sub>	IS-5182(Part-23):2017	µg / m <sup>3</sup>	59.60	100
2	Particulate Matter (Size less than 2.5 µm) or PM <sub>2.5</sub>	IS-5182(Part-24):2019	µg / m <sup>3</sup>	24.40	60
3	Sulphur Dioxide as SO <sub>2</sub>	IS-5182(Part-2):2017	µg / m <sup>3</sup>	9.60	80
4	Oxides of Nitrogen as NO <sub>x</sub>	IS-5182(Part-6):2017	µg / m <sup>3</sup>	9.80	80

<b>INFERENCE</b>	<b>As per NAAQS Standards</b> <b>Report Status: - The analyzed values for above measured parameter are within the limits.</b>
------------------	--

Analyzed by

Authorized Signatory

-: END OF REPORT



- Note:
- The results listed only to the tested samples & applicable parameters.
  - Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.
  - This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing.
  - Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.
  - Sampling is not done by us unless otherwise specified



# MSV Analytical Laboratories

Recognition by MoEF Under Environment (Protection) Act, 1986

(Certified by ISO 14001:2015, ISO 45001:2018, ISO 9001:2015, ISO 22000:2018)

C.M.C Ward No 18 & C.T.C W.No.16, T.S No 695 / A / 32 / B1, Block No 19 (1<sup>st</sup> & 2<sup>nd</sup> Floor)

Sanganakallu Road, KEB Circle, Bellary - 583103. Contact No : Mob: 9449803895, (O):9945456764, 08392-255169

E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com Website : www.msvalbellary.com

## ANALYSIS REPORT OF AMBIENT AIR QUALITY

- Name and Address of Industry** : DLF Exclusive Floors Pvt Ltd  
Sy. No. 87-1/A-1 & 87-/A-2, Reis Magos, Bardez-Goa
- Name of the location** : Near South East boundary of project site
- Sample Collected By** : Representative of MSV
- Particulars of the sampling Equipment's** : Sample collected with FDS & RDS 460BL
- Duration of Monitoring** : 24 Hours
- Date of Monitoring** : 09.09.2024
- Date of Sample Receipt** : 10.09.2024
- Sample Code** : 7384
- Analysis Starting Date** : 10.09.2024
- Analysis Completion Date** : 11.09.2024
- Report Issue Date** : 11.09.2024
- Sampling Protocol** : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air  
ULR No: MSVAL/2024/4880

S.No	Parameter	Protocols	Units	Result in Avg.	Tolerance limits
1	Particulate Matter (Size less than 10 µm) PM <sub>10</sub>	IS-5182(Part-23):2017	µg / m <sup>3</sup>	55.30	100
2	Particulate Matter (Size less than 2.5 µm) or PM <sub>2.5</sub>	IS-5182(Part-24):2019	µg / m <sup>3</sup>	27.06	60
3	Sulphur Dioxide as SO <sub>2</sub>	IS-5182(Part-2):2017	µg / m <sup>3</sup>	7.30	80
4	Oxides of Nitrogen as NO <sub>x</sub>	IS-5182(Part-6):2017	µg / m <sup>3</sup>	BDL	80

### INFERENCE

As per NAAQS Standards

Report Status: - The analyzed values for above measured parameter are within the limits.

Analyzed by



Authorized Signatory

-: END OF REPORT :-

- Note:
- The results listed only to the tested samples & applicable parameters.
  - Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.
  - This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing.
  - Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.
  - Sampling is not done by us unless otherwise specified.



Earthmoving Equipment Hire,  
Bund Constructions, Marine  
Works & Allied Contractors

GSTIN : 30AEWPG8613B1ZR

X-404, 4thFloor, Karma Heights,  
Besides Goa Shipyard Ltd.,  
Vasco-da-Gama, Goa - 403 802.

Raj Niwas, Plot No 60, H. No. 246/C,  
Mohiddin Estate, Alto Dabolim,  
Goa - 403 801.

Mob.: 9850465130, 9421242744  
E-mail : mssservices@gmail.com

Ref. No.

Date : 14-Mar-23

To,  
The Asst. Vice President,  
The BayView,  
Reis Magos, Goa.

Sub:- Disposal of Demolished concrete debris from Reis Magos site, Goa to DLF Promenade, Goa.

Dear Sir,

With reference to the above-mentioned subject, the disposal of concrete debris has been shifted from The Bayview project, Ries Magos site to DLF Promenade, Patto Plaza, Goa site. The quantity of 11780 cum of concrete debris is shifted at DLF Promenade for soling purposes in raft foundation. Duration for the concrete debris shifting from 20-Sep-22 to 14-Mar-2023.

Thanking you,

Yours faithfully,

For S. S. Services

Authorised Signatory





# DRP INFRASTRUCTURE

(We undertake all type of Earth work and Building demolition order)



**MOB:** 9158157799 9834007755 **Email Id:** rpd.services43@gmail.com  
Near Datta Mandir, Orda Candolim Bardez - Goa 403515

**Annexure 12**

To.

Project Manager

DLF Ltd.

The Bayview Project.

Reis Magos, Goa

Dear Sir,

With reference to WO number DLF/DRP/REAS/LOI/02/2023-2024, we have disposed concrete wastes from DLF Bayview site Reis Magos, Goa. Please refer to the table below.

Sr. No.	Description	Quantity
1	Concrete Waste Disposal	2300 cum

The above concrete debris has been used of road purposes.

This letter is issued for information purpose only, on DLF Ltd. Request.





# SKG PROJECT & ENGG. PVT. LTD.

An ISO 9001 CERTIFIED AND GOVERNMENT APPROVED CIVIL ENGINEERING MATERIAL TESTING LABORATORY  
Civil Laboratory - 65, VRDIC, Lohop, Tal. Khalapur, Dist. Raigad, Maharashtra.

Website : www.skglab.in, E-mail : lab.skg@gmail.com



Reg. Of. Unit No. # 4, 5, 6, Rawal Tower, Sector - XI, C.R.D. Belapur - 400 614, Tel : (+91-22) 2757 8745, 2756 2145

## TEST REPORT

REF NO. :	RPT/RAS/040453	Date of Issue :	14-11-2024
Job no. :	067124		
Client :	DLF Exclusive Floors Pvt. Ltd. The Bayview Site, Near INS Mandovi Gate, Reis Magos, Goa.		
Contractor :	M/s S.B. Deshmukh		
Name of work :	DLF Exclusive Floors Pvt. Ltd. The Bayview Site, Near INS Mandovi Gate, Reis Magos, Goa.		
Sample Description :	Drinking Water	Date of Receipt :	10-11-2024
Type of Material :	R O Water	Date of Testing :	11-11-2024 to 13-11-2024
		Source :	DLF Labour Camp

Sr. No	Descriptions	Observation	Limits		Test method
			(As per IS:10500-2012)		
			Acceptable Limits	Permissible Limit in the Absence of Alternate Source	
1	PH at 25.9C	7.81	6.5-8.5	No relaxation	IS 3025(Pt 11)1983(R-2017)
2	Colour	<0.15	5	15	IS 3025(Pt 4)1983(R-2017)
3	Odour	Agreeable	Agreeable	Agreeable	IS 3025(Pt 5)1983(R-2017)
4	Turbidity(NTU)	<0.13	1	5	IS 3025(Pt 10)1984(R-2017)
5	Total Dissolved Solods,(mg/l)	62	500	2000	IS 3025(Pt 16)1984(R-2017)
6	Organic solid,(mg/l)	11	.....	.....	IS 3025(Pt 18)1984(R-2017)
7	Inorganic solid,(mg/l)	40	.....	.....	IS 3025(Pt 18)1984(R-2017)
8	Chloride (as Cl),mg/l	30.12	250	1000	IS 3025(Pt 322)1988(R-2014)
9	Total hardness,mg/l	43	200	600	IS 3025(Pt 21)2009(R-2014)
10	Calcium (as Ca),mg/l	33	75	200	IS 3025(Pt 40)1991(R-2014)
11	Magnesium (as Mg),mg/l	0.59	30	100	IS 3025(Pt 46)1994(R-2014)
12	Total Acidity (as CaCO3),mg/l	1	.....	.....	IS 3025(Pt 22)1986(R-2014)
13	Total Alkalinity (as CaCO3),mg/l	4	200	600	IS 3025(Pt 23)1986(R-2014)
14	Sulphate (as SO4),mg/l	31.22	200	400	IS 3025(Pt 24)1986(R-2014)
15	Iron,mg/l	0.15	0.3	No relaxation	IS 3025(Pt 53)2003(RA-2014)

- Note
1. The Test Certificate to be issued against this job order is order is not to be reproduced wholly or in part and can not be used as an evidence in the court of law and should not be used in any advertising media without our special permission in writing. The results listed refer only to the test samples and applicable parameters Endorsment of products is neither implied.
  2. Total liability of the laboratory is limited to the invoiced amount and the test charges received by the laboratory against the specific samples/materials tested.
  3. Tested samples will be destroyed after 15 days from the date of issue of Test Certificate unless otherwise specified by the client at the time of booking of the sample.
  4. The Test Certificate issued against this job order pertains only to the sample submitted for the test.
  5. Any correction invalidates this certificate.
  6. represents data provided by client









# Fire Safety Training



Temporary Structures for residing



## Toilet Blocks





Drinking Water



Workers equipped with Safety Gears





# MSV Analytical Laboratories

Annexure 16

Recognition by MoEF Under Environment (Protection) Act, 1986

(Certified by ISO 14001:2015, ISO 45001:2018, ISO 9001:2015, ISO 22000:2018)

C.M.C Ward No 18 & C.T.C W.No.16, T.S No 695 / A / 32 / B1, Block No 19 (1<sup>st</sup> & 2<sup>nd</sup> Floor)

Sanganakallu Road, KEB Circle, Bellary - 583103. Contact No : Mob: 9449803895, (O):9945456764, 08392-255169

E-mail : msvbellary2018@gmail.com, labmsv@gmail.com Website : www.msvbellary.com

## AMBIENT NOISE LEVEL MONITORING REPORT

- Name of the industry** : DLF Exclusive Floors Pvt Ltd  
Sy. No. 87-1/A-1 & 87-/A-2, Reis Magos, Bardez-Goa
- Sample Collected By** : Representative of MSV
- Particulars of Sample Collected** : Noise meter
- Date of Monitoring** : 09.09.2024
- Report Issue Date** : 09.09.2024
- Method Adopted** : IS 9989: 2020

Discipline: Chemical      Group: Atmospheric Pollution      Sub Group: Ambient Noise

ULR No: MSVAL/2024/4889

S.No	Sample Location	Sample Code	Time Frequency	Results			
				Maximum in dB(A) Leq	Minimum in dB(A) Leq	Avg. in dB(A) Leq	Permissible limits in dB(A) Leq
<b>DAY TIME</b>							
1	Near Gate No. 3	7425	12.30pm to 12.45pm	54.3	37.4	52.6	55
2	At the center of the project	7426	01.00pm to 01.15pm	54.6	33.9	53	
<b>NIGHT TIME</b>							
1	Near Gate No. 3	7425	08.00pm to 08.15pm	40	27.3	43.1	45
2	At the center of the project	7426	08.30pm to 08.45pm	43.1	29.3	42.7	

<b>INFERENCE</b>	<b>As per CPCB Standards</b> <b>Report Status: - The Noise level for the all locations is within the limits</b>
------------------	--

Analyzed by

Authorized Signatory

-: END OF REPORT :-



- Note:
- The results listed only to the tested samples & applicable parameters.
  - Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.
  - This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing.
  - Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.
  - Sampling is not done by us unless otherwise specified.

GOA, FRIDAY, DECEMBER 1, 2017

9

Herald

Herald

**NOTICE**

Ministry of Environment,  
Forest and Climate Change (MoEFCC)  
New Delhi, has accorded

**AMENDMENT IN ENVIRONMENTAL  
CLEARANCE (EC) to M/s Delanco Home &  
Resorts Pvt Ltd.**

In terms of the provisions of the Environment  
Impact Assessment (EIA) Notification,  
2006 under the Environment (Protection) Act,  
1986. Vide their File No. 21-64/2017-IA-III,

Dated: 14th September, 2017

For Proposed Residential Development  
at Survey No. 87-1 IA-1 & 87-1A-2,

Village - Reis Magos, Taluka Bardez Goa.

*The copies of the clearance letters are available  
With the Goa State Pollution Control Board and  
May also be seen on the website of the Ministry  
Of Environment, Forest and Climate  
Change (MoEFCC) at <http://www.envfor.nic.in>*

गुरुवार,  
१ दिसंबर २०१७

9 दैनिक हेराल्ड

**NOTICE**

Ministry of Environment,  
Forest and Climate Change (MoEFCC)  
New Delhi, has accorded  
**AMENDMENT IN ENVIRONMENTAL  
CLEARANCE (EC) to M/s Delanco Home &  
Resorts Pvt Ltd.**

In terms of the provisions of the Environment  
Impact Assessment (EIA) Notification,  
2006 under the Environment (Protection) Act,  
1986. Vide their File No. 21-64/2017-IA-III,  
Dated: 14th September, 2017

For Proposed Residential Development  
at Survey No. 87-1 IA-1 & 87-1A-2,

Village - Reis Magos, Taluka Bardez Goa.

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Of Environment, Forest and Climate  
Change (MoEFCC) at <http://www.envfor.nic.in>*



# MSV Analytical Laboratories

Annexure 18

Recognition by MoEF Under Environment (Protection) Act, 1986  
(Certified by ISO 14001:2015, ISO 45001:2018, ISO 9001:2015, ISO 22000:2018)

C.M.C Ward No 18 & C.T.C W.No.16, T.S No 695 / A / 32 / B1, Block No 19 (1<sup>st</sup> & 2<sup>nd</sup> Floor)  
Sanganakallu Road, KEB Circle, Bellary - 583103. Contact No : Mob: 9449803895, (O):9945456764, 08392-255169  
E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com Website : www.msvalbellary.com

## ANALYSIS REPORT OF WATER QUALITY

- Name and Address of Industry** : DLF Exclusive Floors Pvt Ltd  
Sy. No. 87-1/A-1 & 87-/A-2, Reis Magos, Bardez-Goa
- Sample Marked as** : Well 1
- Location** : --
- Sample Collected By** : Representative of MSV
- Sample quantity** : Pet Bottles, 2 Liter.
- Sample Description/condition** : Drinking Water/Good
- Date of Sample Collection** : 16.09.2024
- Date of sample receipt** : 17.09.2024
- Sample Code** : 7661
- Analysis Starting Date** : 17.09.2024
- Analysis Completion Date** : 26.09.2024
- Report Issue Date** : 26.09.2024

Discipline: Chemical/Physical Group: Pollution & Environment Sub Group: Drinking Water

ULR No: MSVAL/2024/5013

### Physical & Chemical

Sr. No	Parameter	Method	Unit	Result	IS desirable Limit (As per IS 10500)
1.	pH	IS 3025 (Part-11)	-	6.89	6.5 - 8.5
2.	Turbidity	IS 3025 (Part10)	NTU	<1.00	1.00
3.	Color	IS 3025 (Part-4)	Hazen	<1.00	5.00
4.	Odour	IS 3025 (Part-5)	-	Agreeable	Agreeable
5.	Total Dissolved Solids	IS 3025 (Part-16)	mg/lit	45.00	500.00
6.	Chlorides as Cl <sup>-</sup>	IS 3025 (Part-32)	mg/lit	11.99	250.00
7.	Sulphate as SO <sub>4</sub> <sup>-</sup>	IS 3025 (Part-24)	mg/lit	3.46	200.00
8.	Total Hardness CaCO <sub>3</sub>	IS 3025 (Part-21)	mg/lit	34.00	200.00
9.	Nitrate as NO <sub>3</sub>	IS 3025 (Part-34)	mg/lit	3.00	45.00
10.	Fluoride as F <sup>-</sup>	IS 3025 (Part-60)	mg/lit	<0.01	1.00
11.	Total Alkalinity	IS 3025: (Part 23)	mg/lit	27.00	200.00
12.	Calcium as Ca	IS 3025 (Part-40)	mg/lit	5.90	75.00
13.	Iron as Fe	3120B-APHA 23rd Edition:	mg/lit	<0.01	0.30
14.	Magnesium as Mg	IS 3025 (Part-46)	mg/lit	4.00	30.00
15.	Sodium as Na	IS 3025 (Part 45)	mg/lit	<0.01	Not Specified

NTU - Nephelometric Turbidity Unit

**INFERENCE:** The analyzed values for above measured parameters are within the acceptable limit as per Drinking water specification IS 10500:2012.



- Note:
- The results listed only to the tested samples & applicable parameters.
  - Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.
  - This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing.
  - Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.
  - Sampling is not done by us unless otherwise specified.



# MSV Analytical Laboratories

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C.M.C Ward No 18 & C.T.C W.No.16, T.S No 695 / A / 32 / B1, Block No 19 (1<sup>st</sup> & 2<sup>nd</sup> Floor)

Sanganakallu Road, KEB Circle, Bellary - 583103. Contact No : Mob: 9449803895, (0):9945456764, 08392-255169

E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com Website : www.msvalbellary.com

## ANALYSIS REPORT FOR WATER IN MICROBIOLOGY

- Name and Address of Industry** : DLF Exclusive Floors Pvt Ltd  
Sy. No. 87-1/A-1 & 87-/A-2, Reis Magos, Bardez-Goa
- Sample Marked as** : Well 1
- Location** : --
- Sample Collected By** : Party
- Sample quantity** : Sterilized Bottle, 500 ml
- Sample Description/condition** : Drinking water/Good
- Date of Sample Collection** : 16.09.2024
- Date of sample receipt** : 17.09.2024
- Sample Code** : 7661
- Analysis Starting Date** : 17.09.2024
- Analysis Completion Date** : 20.09.2024
- Report Issue Date** : 20.09.2024

Discipline: Biological Group: Water Sub Group: Drinking water

ULR NO: MSVAL/2024/5013

## RESULTS

Parameters	Protocol	Unit	Result	IS desirable Limit (As per IS 10500)
Coliform Bacteria	IS 15185:2016	/100 ml	Absent	Shall not be detectable in 100 ml sample
E. Coli	IS 15185:2016	/100 ml	Absent	Shall not be detectable in 100 ml sample

Analyzed by

Authorized Signatory

Eswari  
Sr. Microbiologist



-: END OF REPORT :-

- Note:
- The results listed only to the tested samples & applicable parameters.
  - Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.
  - This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing.
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  - Sampling is not done by us unless otherwise specified.