

HALF YEARLY
COMPLIANCE REPORT

Period

April to September 2024

EXPANSION OF MIXED-USE DEVELOPMENT PROJECT

At

**Plot Nos. 75, 76, 85, 86, 87 & 88(P) & CA plot of EPIP
Industrial Area and Survey. Nos. 97, 98, 149, 150 &
151 of**

**Hoodi Village, EPIP Industrial Area,
Whitefield, Bengaluru East Taluk,
Bengaluru.**

Submitted by

**M/s. Chalet Hotels Ltd.,
Plot No.75, EPIP Area,
Next to Sathya Sai Super - Specialty Hospital,
Whitefield, Bengaluru - 560 066.**

Compliance to the Conditions of Environment Clearance

References:

1. EC Letter No. SEIAA: 17: CON: 2007 dated 10.01.2008 for construction of Mixed-Use Development project.
2. EC Letter No. SEIAA: 73: CON: 2017 dated 17.04.2018 for expansion of Mixed-Use Development project.
3. EC Letter No. SEIAA: 73: CON: 2017 dated 12.06.2018 for issue of corrigendum and transfer of environmental clearance.

Environment clearance is accorded by SEIAA, Karnataka in the above referred letters for construction of mixed-use development project of total built-up area 1,57,605.64 square meters with 1,724 parking spaces in an area of 39,512 square meters at 75, 76, 85, 86, 87 & 88(P) & CA plot of EPIP Industrial area, Survey Nos. 97, 98, 149, 150 & 151 of Hoodi Village, EPIP Industrial Area, Whitefield, Bengaluru East Taluk, Bengaluru.

Present status: At present in the project, all the buildings are in operation with valid consent from KSPCB.

Sl. No.	EC Conditions	Compliance
Part A. SPECIFIC CONDITIONS		
I. CONSTRUCTION PHASE		
1.	Set up an environment management cell & ensure that the cell manages / maintains all the environmental aspects such as sewage treatment, solid waste disposal, maintenance of green belt areas, etc., & in case the commercial space is sold, /leased, then enter into agreement with the prospective buyers to ensure that they maintain the cell & take care of all environment concerns during the operation phase of the project. In addition, sufficient fees should be levied so as to raise a corpus fund to maintain the Environment cell.	Presently project is in operation phase and conditions of construction phase were complied during construction activity at site and related information was submitted during Half Yearly Compliance submission.
2.	Appoint an Environment & safety engineer during construction phase to take care of environment & safety aspects.	
3.	The Project proponent should ensure that during the construction phase utmost care is taken to ensure that is no noise nuisance, no air and water	

	pollution and no disturbance to the nearby inhabitants. In case of violation, the project construction activity may have to be directed to be stopped.	
4.	The Project proponent should cover the project site from all sides by raising sufficiently tall barricades with sheets to ensure that pollutants do not spill to the surroundings.	
5.	Provide at the main entrance bell gates, which are located at least 12' inside the boundary of the project to enable smooth flow of traffic on the main road leading to the entrance.	
6.	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase. Sufficient number of toilets/bathrooms shall be provided with required mobile toilets, mobile STP for construction work force.	
7.	A First Aid Room should be provided in the Project both during construction and Operation of the project.	
8.	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	
9.	Provision shall be made for the housing of construction labourers within the site with all necessary infrastructures. The housing may be in the form of temporary structures to be removed after the completion of the project. The facilities shall include the crèche.	
10.	Provision should be made for the supply of fuel (kerosene or cooking gas); utensils such as pressure cookers etc. to the labourers during construction phase.	
11.	All the laborers to be engaged for construction should be screened for health and adequately treated before	

	engaging them to work at the site and detailed report submitted to SEIAA. Safety standards as per National Building Code (NBC) should be ensured.
12.	For disinfection of wastewater which is not meant for recycling for toilet flushing, use ultra violet radiation and not chlorination. For treated wastewater meant for reuse for toilet flushing, disinfect by using chlorination.
13.	All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.
14.	Disposal of muck, construction debris during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
15.	Soil and ground water samples should be tested at the project site during the construction phase to ascertain that there is no threat to ground water quality by leaching of heavy metals and or other toxic contaminants & report submitted to SEIAA.
16.	Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water.
17.	The diesel generator sets to be used during construction phase should be of low sulphur diesel type and should conform to E (P) Rules prescribed for air and noise emission standards
18.	Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only

	during non-peak hours.	
19.	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures to reduce air and noise pollution during construction keeping in mind CPCB norms on noise limits.	
20.	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on August 2003.	
21.	Ready mixed concrete must be used in building construction.	
22.	Storm water control and its re-use as per CGWB and BIS standards for various applications.	
23.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices	
24.	Only tertiary treated water shall be used for construction as per G.O No FEE 188 ENV 2003 dated 14.08.2003 and in terms of the orders of the 4 th May 2016 in original application No.222 of 2014. The project proponent shall identify a suitable source of treated water for construction and submit an MOU/ Agreement with such suppliers. If so, the suppliers identified shall be responsible for treatment of water with appropriate technology to the standards required for construction purpose.	
25.	No ground water is to be drawn without permission from the Central Ground Water Authority.	
26.	Separation of grey and black water should be done by the use of dual plumbing line for Separation of grey and black water.	
27.	Treatment of 100% grey water by decentralized treatment should be done.	

28.	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor-based control.
29.	Use of glass shall not exceed 40% of exposed area to reduce the electricity consumption and load on air-conditioning. If necessary, use high quality double glass with special reflective coating in windows.
30.	The Provision of Energy Conservation Building code, 2007 shall be fully complied with.
31.	The Roof should meet prescriptive requirement as per Energy Conservation Building Code, 2007 by using appropriate thermal insulation material.
32.	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, 2007 which is proposed to be mandatory for all air conditioned spaces while it is optional for non-air conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
33.	Facilities such as ramps and separate parking shall be provided for the physically challenged.
34.	The project shall be made operational only after necessary infrastructure/connection for water supply and sewage line is provided and commissioned by the competent authorities
35.	The project proponent shall maintain and operate the common infrastructure facility created including STP and Solid waste management facility at least for a period of 5 years after commissioning of the project.
36.	The project proponent shall incorporate a suitable condition in the sale Agreement/Deed to be made with the buyers that the occupier/buyer holds the responsibilities jointly with other users to maintain common infrastructure

	facilities created including STP and solid waste management facility.	
37.	The proponent shall obtain the construction materials such as stones and jelly etc., only from the approved quarries and other construction materials shall also be procured from the authorized agency / traders.	
38.	The proponent shall obtain approval from the competent authorities for structural safety of the building due to earthquakes, adequacy of firefighting equipment etc. as per the National Building code (NBC) including protection measures for lightening etc.	
39.	The project authorities shall ensure that no water bodies are polluted due to project activities.	
40.	Safety standards as per National Building Code (NBC), 2005 should be followed and ensured.	
41.	The project authorities shall ensure that the National Building Code, 2005 is fully complied with and adhere to.	
42.	The project authorities shall not use kharab land if any for any purpose and keep available to the general public duly displaying a board as public property. No structure of any be put up in the kharab land and shall be afforested and maintained as green belt only.	
43.	The project authority shall obtain NOC before commencement of the construction activity and clearance after the completion of the construction from the Fire and Emergency Services Department.	
44.	The Project authorities shall ensure the time specification prescribed by the honorable court of Karnataka in WP. No. 1958/2011 (LB-RES – PIL) on 4th December, 2012 for different activities involved in construction work.	
45.	The proponent shall take up the construction activity only after obtaining NOC from BWSSB or	

	clearance from the competent authority for assured supply of water as the case may be.	
46.	The project authorities shall ensure the construction activity is undertaken strictly. In accordance with approved site plan/layout drawing annexed to this environmental clearance letter. However, it is subjected to compliances to the provisions of local authorities regarding setbacks, FAR etc., shall be adhere to.	
47.	The existing water body, canals and rajakaluve and other drainage and water bound structures if any shall be retained unaltered with due buffer zone as applicable and maintained under tree cover.	
48.	The project proponent shall leave a buffer of 75 Meters from the Lakes, 50 Meters from Primary Rajakaluve, 35 Meters from Secondary Rajakaluve and 25 Meters from Tertiary Rajakaluve if applicable in Accordance with the order of the Principal Bench of Hon'ble National Green Tribunal, New Delhi dated 4 th May 2016 in original application No.222 of 2014 in addition to sufficient buffer from the other water bodies in Accordance of law if applicable. The buffer so maintained shall be developed as green belt planting with indigenous tree species such as Neem, Akash Mallige, Mahagoni, Honge, Kadamba Ficus, etc. and maintained as green belt. No construction activity shall be undertaken in the said buffer zone.	
49.	The natural sloping pattern of the project site other the area excavated for the purpose of construction of proposed building shall remain unaltered and the natural hydrology of the area maintained as it is to ensure natural flow of storm water.	
50.	Lakes and other water bodies within and /or at the vicinity of the project area shall be protected and	

	corrected.	
51.	The project proponent shall build in infrastructure required for use of Piped Natural Gas (PNG) such as pipelines and space for installation of PNG distribution equipment for both for domestic / commercial purpose and DG set and shall ensure that PNG is supplied for both commercial purpose and for DG sets instead of other type of fuel in the proposed development except in the case of existing blocks.	
52.	The project proponent shall execute the activities towards the Corporate Social Responsibility in accordance with commitment made in the vide letter dated 4.4.2018 & report be submitted to the authority	
II. OPERATION PHASE		
1.	The installation of the Sewage Treatment Plant (STP) of total capacity 225 KLD in addition to existing 650 KLD Sewage Treatment Plant (STP) should be carried out before the construction of the second floor of the main structure is commenced and the plant shall be got certified by an independent expert and a report in this regard should be submitted to the SEIAA immediately. Discharge of treated wastewater shall conform to the norms and standards of the Karnataka State Pollution Control Board. Treated wastewater should be used for flushing, gardening, etc. as proposed, using dual plumbing line.	<p>The wastewater generated from the existing operating buildings is treated in 650 KLD capacity Sewage Treatment Plant.</p> <p>The treated wastewater conforms to the standards stipulated by KSPCB.</p> <p>The treated sewage in the project is reused for toilet flushing, landscape development and AC cooling tower makeup.</p>
2.	Rainwater harvesting for roof run-off with 100 cum capacity of tanks at ground level for rainwater collection and also surface run-off harvesting as per the plan submitted should be implemented with proposed numbers recharge pits and pre-treated must be done to remove suspended matter, oil and grease before recharging the surface run off.	Required capacity of rain water collection tank is provided in the project to collect the roof top rain water. Recharge pits of adequate numbers are also provided at the project for ground water recharge at the buildings which are in operation.
3.	Ensure that excess runoff rainwater	Excess rainwater runoff from

	from the greenbelt area, which is irrigated by treated water, does not get into recharge pits and contaminated the ground water. Such excess flow should be sagely let in to the storm water drains.	greenbelt area is directed to external storm water drains.
4.	The solid waste generated should be properly collected and segregated in situ. The Biodegradable organic waste be composted by installing bio-converter in site and used. The non-biodegradable waste is disposed to the authorized recyclers.	Solid waste generated is collected and segregated at point of generation. Organic solid waste generated is treated in Organic Waste Converter. The inorganic waste is disposed through authorized recyclers.
5.	Any hazardous waste including biomedical waste should be disposed-off as per the applicable Rules and norms with necessary approvals of the Karnataka State Pollution Control Board.	Hazardous waste generated such as DG waste oil and oil-soaked cotton is disposed as per the Hazardous Waste Authorization. There is no generation of biomedical waste from the project.
6.	The project proponent shall develop a minimum of 33 % of the project area for green belt. If the area for increasing the green belt is not available then the proponent shall compensate by undertaking planting in the civic amenity area such as school, play around and avenue plantation in addition to the proposed in house area of 7,917.12 sq. m (20.03 % of the plot area). The proponent shall undertake plantation of heavy foliage indigenous tree species such as Mahagoni, Honge, Neem, Akashi Mallige, Kadamba, Ficus and Ashoka, etc at an espacement of 3 mts X 3 mts i.e 1111plants /hectare. The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous variety.	Landscape is being developed by planting indigenous tree species. The greenbelt developed helps in controlling the noise and achieving the day and night noise standards.
7.	Incremental pollution loads on the ambient air quality; noise & water quality should be periodically	Ambient air quality, noise and ground water quality is monitored regularly. Copies of monitoring

	monitored after commissioning of the project.	reports are appended as Annexure.
8.	Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating. A hybrid system or fully solar system for the complex should be provided. Details in this regard should be submitted to the SEIAA	Solar facility is incorporated in the project.
9.	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	Bell gate entry and exit points are provided to avoid traffic congestion. Parking is fully internalized with no public space is utilized.
10.	A Report on the energy conservation measures confirming to energy conservation norms finalized by Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology, R & U factors etc. and submit to the SEIAA in three month's time.	ECBC, 2007 guidelines are followed.
11.	All toilets should have dual plumbing line and no wastewater is discharged from the unit.	Dual plumbing lines are provided in the project for separation of grey and black water.
12.	The Environmental Management Plan including the human health and Safety and management plan and Fire Safety and Protection Plan proposed by the proponent shall be strictly implemented.	EMP including environment, health safety, fire safety Is implemented in the project.
13.	The Proposed building shall have D.G. Set of 3 No's X 1500 kVA along with the existing D.G Sets (6 No's X 1500 kVA) as an alternate power supply source as proposed.	DG sets with adequate stack height and acoustic enclosures are provided in the project as an alternate source of power supply.
PART B. GENERAL CONDITIONS		
1.	The Environmental safeguards contained in the EIA Report should be implemented in letter & spirit.	The environmental safeguards contained in the EIA report are implemented.
2.	All commitments made by the proponents in their application, & subsequent letters addressed to the SEAC/SEIAA should be accomplished before the construction work of the	All commitments made will be accomplished before the project is completed.

	project is completed.	
3.	Half yearly monitoring reports should be submitted to the SEIAA & the Regional Office, MOEF, Bangalore.	Half yearly compliance reports are being submitted regularly.
4.	Officials from the Department of Ecology & Environment, Bangalore/Regional Office of MOEF, and Bangalore who would be monitoring the implementation of Environmental Safeguards should be given full cooperation, facilities & data by the project proponents during their inspection. A complete set of all the documents submitted to MoEF/SEIAA should be forwarded to CCF, Regional office of MOEF, Bangalore/Department of Ecology & Environment, Bangalore.	All necessary co-operations will be extended to the officials of Regional Office of MoEF, Bangalore during inspection to monitor the effective implementation of Environmental safeguards at the site.
5.	In case of any change(s) in the scope of project, the project would require a fresh appraisal by this Authority.	Any changes and any modifications / expansions in the project will be started only after getting prior Environmental clearance.
6.	Concealing factual data or submission of false/ fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environmental (Protection) Act, 1986.	Agreed.
7.	The Authority reserves right to add additional safeguard measures subsequently, if found necessary, & to take action including revoking of the environment clearance under the provisions of Environmental (protection) Act, 1986, to ensure effective implementation of the suggested safeguards measures in a time bound & satisfactory manner.	Agreed.
8.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (protection) act, 1972 etc. shall be obtained, as applicable by project proponents from the competent authorities.	All necessary clearance from appropriate authorities has been obtained.
9.	The project proponent should advertise in at least two local	The documents have been submitted vide our letter dated

	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 Karnataka Pollution Control Board and may also be seen on the website of the Environment and Ecology Department at http://seiaa.kar.nic.in . The advertisement should be made within 7 days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional office of MOEF at Bangalore/Department of Ecology and Environment, Bangalore.	20/06/2013 and copy of acknowledgement has been submitted to Regional Office, MoEF and SEIAA, Karnataka.
10.	The project proponent should display the conditions prominently at the entrance of the project on a suitable size board for the information of the public.	The conditions are being displayed on a suitable sized board at the project site.
11.	Any Appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.
12.	These stipulations would be enforced among others under provisions of Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & control of Pollution) act 1981, the Environment (Protection) Act, 1986 the Public liability (Insurance) Act, 1991 & EIA Notification,2006.	Agreed.
13.	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.	Environmental Clearance issued for the subject project vide letter No. SEIAA: 17: CON: 2007 dated 10-1-2008. Environmental Clearance for proposed expansion vide letter No. SEIAA 73 CON 2017 dated 17-4-2018. Environmental Clearance for Corrigendum and Transfer vide letter No. SEIAA 73 CON 2017 dated 12.6.2018.

14.	The issuance of Environmental Clearance doesn't confer any right to the project proponent to operate/run the project without obtaining Statutory Clearances/sanctions from all other concerned authorities.	All statutory clearances / sanctions are obtained from the concerned authorities for the project.
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DG Sets Provided with Acoustics Enclosure-



Organic Waste Converter at the Site-



M/s. Chalet Hotels Ltd.,

Fuel Storing Yard at the Site-



Buildings at project site-



No. SEIAA: 17: CON: 2007
**STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT
AUTHORITY, KARNATAKA STATE**
(Constituted by Ministry of Environment & Forests, Government of India)

Department of Ecology & Environment,
Karnataka Government Secretariat,
Room No.709, 7th Floor, IV-Gate,
M.S. Building, Bangalore-560 001,

Date: 10th January, 2008.

To

M/s. Magna warehousing
& Distribution (P) Ltd,
Construciton House 'A',
24th Road, Khar (W),
Mumbai-400 052.

Sir,

Sub: Construction of proposed *Mixed Use Development - IT, Suite Hotel and Shopping Mall (Retail)* at EPIP Industrial Area, Plot Nos. 75, 76, 85, 86 & 87 & 88 (SY. NO. 97, 98, 149, 150 & 151) Hoodi Village, Krishnarajapuram Hobli, Bangalore East Taluk, Bangalore District, Karnataka by **M/s. Magna Warehousing & Distribution Pvt. Ltd, Construction House 'A', 24th Road, Khar (West), Mumbai – 400 052.** issue of Environment Clearance –reg.

This has reference to your application No. Nil, dated. 01.03.2007 addressed to Ministry of Environment & Forests, Government of India and subsequent letters dated 16.10.2007, 14.11.2007, 22.11.2007, 21.11.2007, 01.12.2007, 19.12.2007, 02.01.2007 addressed to SEAC/SEIAA seeking prior environmental clearance for the above project under the EIA Notification, 2006. The proposal has been appraised as per prescribed procedure in the light of the provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., the Form 1, Form 1A, Questionnaire, REIA, EMP, and the additional clarifications furnished in response to the observations of the SEAC

constituted by the Government of India, in its meetings held on 24th November, 2007.

2. It is, inter-alia, noted that **M/s. Magna Warehousing & Distribution Pvt. Ltd.**, Bangalore have proposed the construction of a Commercial Project **“Construction of proposed Mixed Use Development - IT, Suite Hotel and Shopping Mall (Retail)”** on a total plot area of **39,512.00 sq. m.** The total built up area is **1,42,572.28 sq.m.**

The building consists of as under

1. IT Park: Ground Floor and 5 Levels of MLCP & 7 Upper Floors office.
2. Hotel/Suite Hotel: Basement, Lower Ground & Ground Floor with 17 Upper Floors.
3. Shopping Mall (Retail): Basement, Lower Ground Floor, Ground Floor and First Floor.

Total parking space proposed at Site 1440 cars. It is proposed to construct one Submerged Aeration Fixed Film secondary biological Sewage Treatment with tertiary treatment plant capacity of 600 KLD and also Laundry effluent pre-treatment plants of capacity 125 KLD. Total water consumption is 717 KLD and wastewater discharge is 574 KLD. The total cost of the project is Rs. 173.5 crores.

3. The SEIAA Karnataka after due consideration of the relevant documents submitted by the project proponent and additional clarifications furnished in response to its observations have accorded environmental clearance as per the provisions of Environmental Impact Assessment Notification-2006 and its subsequent amendments, subject to strict compliance of the terms and conditions as follows:-

Part A- SPECIFIC CONDITIONS

I. Construction Phase

- i) Set up an environment management cell and ensure that the cell manages / maintains all the environmental aspects such as swage treatment, solid waste disposal, maintenance of green belt areas, etc., and in case the commercial space is sold, / leased, then enter into agreement as per the draft agreement copy submitted, with the

prospective buyers to ensure that they maintain the cell and take care of all environment concerns during the operation phase of the project. In addition sufficient fees should be levied so as to raise a corpus fund to maintain the Environment cell.

- ii) Appoint an Environment and safety engineer during the construction phase to take care of environment and safety aspects as committed.
- iii) Provide at the main entrances bell gates, which are located at least 12' inside the boundary of the project to enable smooth flow of traffic on the main road leading to the entrance.
- iv) All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase. Sufficient number of toilets/bathrooms should be provided with required septic tanks and soak pits for construction work force.
- v) A First Aid Room should be provided in the Project both during construction and operation of the project.
- vi) Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
- vii) Provision should be made for the supply of fuel (kerosene or cooking gas); utensils such as pressure cookers etc. to the labourers during construction phase.
- viii) All the labourers to be engaged for construction should be screened for health and adequately treated before engaging them to work at the site and detailed report submitted to SEIAA. Safety standards as per National Building Code (NBC) should be ensured.
- ix) For disinfection of wastewater, use ultra violet radiation and not chlorination.
- x) All the topsoil excavated during construction activities should be stored for use in horticulture/ landscape development within the project site.
- xi) Disposal of muck, construction debris during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.

- xii) Soil and ground water samples should be tested at the project site during the construction phase to ascertain that there is no threat to ground water quality by leaching of heavy metals and or other toxic contaminants and report submitted to SEIAA.
- xiii) Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.
- xiv) The diesel generator sets to be used during construction phase should be of low sulphur diesel type and should conform to Environmental (Protection) Rules prescribed for air and noise emission standards.
- xv) Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- xvi) Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures to reduce air and noise pollution during construction keeping in mind CPCB norms on noise limits.
- xvii) Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on August 2003.
- xviii) Ready mixed concrete must be used in building construction.
- xix) Storm water control and its re-use as per CGWB and BIS standards for various applications.
- xx) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices.
- xxi) The Project Authorities shall undertake no drawl of Ground water/ drilling of bore wells.
- xxii) Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.
- xxiii) Treatment of 100% grey water by decentralized treatment should be done.
- xxiv) Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.

- xxv) Use of glass may be reduced by up to 40% of exposed area to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.
- xxvi) Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material.
- xxvii) Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code which is proposed to be mandatory for all air conditioned spaces while it is optional for non-air conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
- xxviii) Maintain silence zone in the project area and use clean ultra low Sulphur Diesel for the DG sets.

II. Operation Phase.

- i) The installation of a Sewage Treatment Plants (STP) of 600 KLD and 125 KLD capacity laundry effluent treatment plant should be carried out before the construction of the second floor of the main structure is commenced and the plant shall be got certified by an independent expert and a report in this regard should be submitted to the SEIAA immediately. Discharge of treated sewage shall conform to the norms & standards of the Karnataka State Pollution Control Board. Treated sewage should be used for flushing, gardening, etc. as proposed.
- ii) The water tank capacities are as under

1. Ground Level Water tank for IT Park	: 210 M ³
2. Ground Level Water tank for Shopping Mall (Retail Shop)	: 210 M ³
3. Ground Level Water tank for Hotel	: 375 M ³
4. Ground Level Water tank for Service Apartment	: 205 M ³
5. Fire Hydrant Tank for IT Park	: 250 M ³
6. Fire Hydrant Tank for Suite Hotel & Shopping Mall (Retail Shop)	: 250 M ³
7. Rain Water Harvesting Tank	: 200 M ³

The proposed water tanks capacities and the surface run-off harvesting as per plan submitted should be implemented. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease by providing silt and grease trap at the entry of the storm water recharging drains.

- iii) Ensure that the excess runoff rainwater from the greenbelt area, which is irrigated by treated water, does not get into infiltration pits and contaminate the ground water. Such excess flow should be safely let in to the external storm water drains.
- iv) The solid waste generated should be properly collected and segregated before disposal to the City Municipal Facility. The In-vessel bioconversion technique should be used for composting the organic waste.
- v) Any hazardous waste including biomedical waste should be disposed of as per applicable Rules and norms with necessary approvals of the Karnataka State Pollution Control Board.
- vi) As agreed to by the project proponent, develop minimum 31 % of the project area i.e., minimum 12,145.00 sq mts. area for green belt and plant with tree species at an espacement of 3 mts x 3 mts i.e. 1111 plants/hectare.

The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous variety.

- vii) Incremental pollution loads on the ambient air quality; noise and water quality should be periodically monitored after commissioning of the project.
- viii) Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating. A hybrid system or fully solar system for the complex should be provided. Details in this regard should be submitted to the SEIAA.
- ix) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
- x) A Report on the energy conservation measures confirming to energy conservation norms finalized by Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology, R & U Factors etc and submit to the SEIAA in three months time.

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PART – B. GENERAL CONDITIONS:

- i) The Environmental safeguards contained in the EIA Report should be implemented in letter and spirit.
- ii) All commitments made by the proponents in their application, and subsequent letters addressed to the SEAC/SEIAA should be accomplished before the construction work of the project is completed.
- iii) Six monthly monitoring reports should be submitted to the SEIAA and the Regional Office, MoEF, Bangalore.

4. Officials from the Department of Environment and Ecology, Bangalore/ Regional Office of MoEF, 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 / SEIAA should be forwarded to the CCF, Regional Office of MoEF, Bangalore/ Department of Environment and Ecology, Bangalore.

5. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Authority.

6. The Authority 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 Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.

7. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the competent authorities.

8. The project proponent should 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 Karnataka State Pollution Control board and may also be seen on the website of the Environment and Ecology Department at <http://164.100.80.120//seiaa>. The

advertisement should be made within 7 days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office of MOEF at Bangalore/ Department of Environment and Ecology, Bangalore.

9. These stipulations would be enforced among others under the provisions of water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.

10. Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.

Yours Faithfully,



(ARAVIND JANNU)

Member Secretary,

State Level Environment Impact Assessment Authority.

Copy to :

- 1) The Secretary, Ministry of Environment & Forests, Government of India, Paryavaran Bhavan, CGO Complex, Lodi Road, New Delhi-110003.
- 2) The Secretary, Department of Environment and Ecology, Government of Karnataka, Bangalore.
- 3) The Member Secretary, Karnataka State Pollution Control Board, Bangalore.
- 4) The CCF, Regional Office, Ministry of Environment & Forests (SZ), Kendriya Sadan, Ivth Floor, E & F wings, 17th Main Raod, Koramangala II Block, Bangalore-560 034, Bangalore.
- 5) Guard File.



State Level Environment Impact Assessment Authority-Karnataka

(Constituted by MoEF, Government of India, under section 3(3) of E(P) Act, 1986)

No. SEIAA 73 CON 2017

Date:17-04-2018

To,

Sri. Vishwas Shetty,
General manager (Finance and Accounts)
M/s. Chalet Hotels Pvt. Ltd. & M/s. Magna
Warehousing & Distribution Pvt. Ltd.,
Plot #75, EPIP Area,
Next to Sathya Sai Super - Speciality Hospital,
Whitefield, Bangalore - 560 066.

Sir,

Sub: Expansion of Mixed Use development project at Plot Numbers 75, 76, 85, 86, 87 & 88(P) & CA plot which is part of EPIP Industrial area and Survey Numbers 97, 98, 149, 150 & 151 of Hoodi village, EPIP Industrial Area, Whitefield, Bengaluru East Taluk, Bengaluru District by M/s. Chalet Hotels Pvt. Ltd. & M/s. Magna Warehousing & Distribution Pvt. Ltd.,- Issue of Environmental Clearance - Reg.

This has reference to your online application dated 13th March 2017 bearing proposal No.SIA/KA/NCP/19125/2017, addressed to SEIAA, Karnataka and subsequent letters addressed to SEIAA/SEAC Karnataka furnishing further information/seeking prior Environmental Clearance for the above project under the EIA Notification, 2006.

2. It is inter-alia noted that Environmental Clearance has been issued by SEIAA, Karnataka to this project vide letter No. SEIAA 17 CON 2007 dated 10th January 2008 for construction of Mixed Use Development - IT park with Ground Floor + 5 Levels of MLCP + 7 Upper Floors office, Suite Hotel with Basement + Lower Ground + Ground Floor + 17 Upper Floor and Shopping Mall (Retail) with Basement + Lower Ground Floor + Ground Floor + First Floor on a plot area of 39,512 Sqm. The total built up area is 1,42,572.28 Sq. m.

3. The SEAC during the meeting held on 22.4.2017 has decided to recommend the proposal to SEIAA for issue of standard ToRs along with additional ToRs. The Authority during the meeting held on 26th & 27th April 2017 decided to issue ToR as recommended by SEAC for conducting the Environment Impact Assessment study in accordance with EIA Notification, 2006. Accordingly the ToR was issued on 28.04.2017 in favour of M/s Genext Hardware and Parks Pvt. Ltd and M/s. Magna warehousing & Distribution



State Level Environment Impact Assessment Authority-Karnataka

(Constituted by MoEF, Government of India under section 3(3) of E(P) Act, 1986)

SEIAA 73 CON 2017

Expansion of Mixed Use development Project of
M/s. Chalet Hotels Pvt. Ltd. & Warehousing &
M/s. Magna Warehousing & Distribution Pvt. Ltd.

Pvt. Ltd. The EIA report has been submitted vide letter dated 12.12.2017 (Online proposal dated 18th January 2018 bearing proposal no. SIA/KA/NCP/21455/2017) in the name of M/s. Chalet Hotels Pvt. Ltd. and M/s. Magna warehousing & Distribution Pvt. Ltd. It was stated that the M/s.Genext Hardware and Parks Pvt. Ltd. has been merged and the legal ownership of the property has been transferred from M/s.Genext Hardware and Parks Pvt. Ltd. to M/s. Chalet Hotels Pvt. Ltd. as per the directions of the National Company Law Tribunal, Mumbai Bench.

4. Your application for the Environmental Clearance to the proposed expansion of Mixed Use Development project was appraised as per the prescribed procedure in light of the provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., the Form 1, Form 1A and the additional clarifications furnished in response to the observations of the SEAC, Karnataka, in its meetings held on 15th March 2018 and SEAC has recommended for issue of Environmental Clearance for the proposed expansion and modification.

5. It is, inter-alia, noted that the proposed expansion of Mixed Use Development project on a plot area of 39,512 Sqm. The total built up area is 1,57,605.64 Sqm including the proposed expansion of 15,033.36 Sqm. The proposed project consists of 4 blocks comprising existing Hotel Block with Basement + Lower Ground + Ground Floor + 1st Floor + Service Floor & 2nd to 17th upper floors, existing Office Block with Basement, Ground & 13 floors (Hotel in 3rd to 6th Floors), existing Shopping mall (Retail) with Lower Ground, Ground, First & Second Floor and proposed Block for IT office / Retail / Multiplex / FEC block with 2 Basements, Lower Ground, Ground, First floor, Service floor, 2nd to 9th upper floors. Total parking space proposed is for 1724 Numbers of Cars. Total water consumption is 945 KLD (Fresh water + Recycled water). The total wastewater discharge is 851 KLD. It is proposed to construct Sewage Treatment Plant with a capacity of 225 KLD in addition to existing 650 KLD.

6. The SEIAA Karnataka after due consideration of the relevant documents submitted by the project proponent, additional clarifications furnished in response to its observations and the recommendation of the SEAC have in its meeting held on 24th March 2018 and decided to accord Environmental Clearance in accordance with the provisions of Environmental Impact Assessment Notification-2006 and its subsequent amendments, subject to strict compliance of following terms and conditions:

Part A- SPECIFIC CONDITIONS

I. Construction Phase

1. Set up an environment management cell and ensure that the cell manages / maintains all the environmental aspects such as sewage



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SEIAA 73 CON 2017

Expansion of Mixed Use development Project of
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M/s. Magna Warehousing & Distribution Pvt. Ltd.

- treatment, solid waste disposal, maintenance of green belt areas, etc., and in case the commercial space is sold / leased, then enter into an agreement with the prospective buyers to ensure that they maintain the cell and take care of all environment concerns during the operation phase of the project. In addition, sufficient fees should be levied so as to raise a corpus fund to maintain the Environment cell.
2. Appoint an Environment and safety engineer during the construction phase to take care of environment and safety aspects.
 3. The project proponent should ensure that during the construction phase utmost care is taken to ensure that there is no noise nuisance, no air and water pollution and no disturbance to the nearby inhabitants. In case of violation, the project construction activity may have to be directed to be stopped.
 4. The project proponent should cover the project site from all sides by raising sufficiently tall barricades with sheets to ensure that pollutants do not spill to the surroundings.
 5. Provide at the main entrances bell gates, which are located at least 12' inside the boundary of the project to enable smooth flow of traffic on the main road leading to the entrance.
 6. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase. Sufficient number of toilets/bathrooms shall be provided with required mobile toilets, mobile STP for construction work force.
 7. A First Aid Room should be provided in the Project both during construction and operation of the project.
 8. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
 9. Provision shall be made for the housing of construction labourers within the site with all necessary infrastructures. The housing may be in the form of temporary structures to be removed after the completion of the project. The facilities shall include the crèche.
 10. Provision should be made for the supply of fuel (kerosene or cooking gas); utensils such as pressure cookers etc. to the labourers during construction phase.
 11. All the labourers to be engaged for construction should be screened for health and adequately treated before engaging them to work at the site and detailed report submitted to SEIAA. Safety standards as per National Building Code (NBC) should be ensured.
 12. For disinfection of wastewater which is not meant for recycling for toilet flushing, use ultra violet radiation and not chlorination. For treated wastewater meant for reuse for toilet flushing, disinfect by using chlorination.



State Level Environment Impact Assessment Authority-Karnataka

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SEIAA 73 CON 2017

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M/s. Magna Warehousing & Distribution Pvt. Ltd.

13. All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
14. Disposal of muck, construction debris during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
15. Soil and ground water samples should be tested at the project site during the construction phase to ascertain that there is no threat to ground water quality by leaching of heavy metals and or other toxic contaminants and report submitted to SEIAA.
16. Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.
17. The diesel generator sets to be used during construction phase should be of low sulphur diesel type and should conform to E (P) Rules prescribed for air and noise emission standards.
18. Vehicles hired for bringing construction material to the site should be in good condition and should conform to the applicable air and noise emission standards and should be operated only during non-peak hours.
19. Ambient noise levels should conform to the residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures to reduce air and noise pollution during construction keeping in mind CPCB norms on noise limits.
20. Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on August 2003.
21. Ready mixed concrete must be used in building construction.
22. Storm water control and its re-use as per CGWB and BIS standards for various applications.
23. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices
24. Only tertiary treated water shall be used for construction as per G.O. No. FEE 188 ENV 2003 dated 14.08.2003 and in terms of the orders of the Principal Bench of Hon'ble National Green Tribunal, New Delhi dated 4th May 2016 in original application No.222 of 2014. The project proponent shall identify a suitable source of treated water for construction and submit an MOU/Agreement with such suppliers. If so the supplier identified shall be responsible for treatment of water with appropriate technology to the standards required for construction purpose.



State Level Environment Impact Assessment Authority-Karnataka
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M/s. Magna Warehousing & Distribution Pvt. Ltd.

25. No ground water is to be drawn without permission from the Central Ground Water Authority.
26. Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.
27. Treatment of 100% grey water by decentralized treatment should be done.
28. Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
29. Use of glass shall not exceed 40% of exposed area to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.
30. The provision of Energy Conservation Building code, 2007 shall be fully complied with.
31. Roof should meet prescriptive requirement as per Energy Conservation Building Code, 2007 by using appropriate thermal insulation material.
32. Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, 2007 which is proposed to be mandatory for all air conditioned spaces while it is optional for non-air conditioned spaces by use of appropriate thermal insulation material to fulfil requirement.
33. Facilities such as ramps and separate parking shall be provided for the benefit of physically challenged.
34. The project shall be made operational only after necessary infrastructure/connection for water supply and sewerage line is provided and commissioned by the Competent Authorities
35. The project proponent shall maintain and operate the common infrastructure facilities created including STP and solid waste management facility for a period of at least 5 years after commissioning the project.
36. The project proponent shall incorporate a suitable condition in the Sale Agreement/Deed to be made with the buyers that the occupier/buyer holds the responsibilities jointly with other users to maintain common infrastructure facilities created including STP and solid waste management facility.
37. The Proponent shall obtain the construction material such as stones and jelly etc. only from the approved quarries and other construction material shall also be procured from the authorized agencies/traders.
38. The proponent shall obtain approval from the competent authorities for structural safety of the building due to earthquake, adequacy of fire fighting equipment etc. as per the National Building Code (NBC) including protection measures for lightening etc.
39. The project authorities shall ensure that no water bodies are polluted due to project activities.

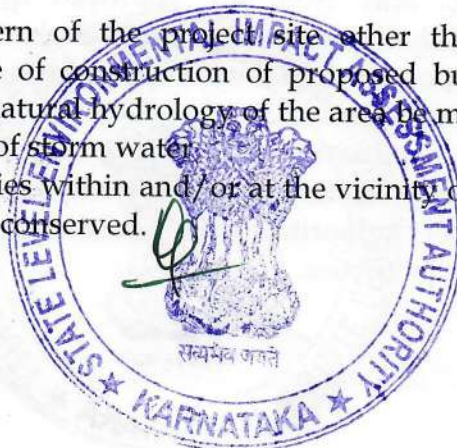


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Expansion of Mixed Use development Project of
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40. Safety standards as per National Building Code (NBC), 2005 should be followed and ensured.
41. The project proponent shall ensure that the National Building Code, 2005 is fully complied with and adhered to.
42. The project authorities shall not use Kharab land if any for any purpose and keep available to the general public duly displaying a board as public property. No structure of any kind be put up in the Kharab land and shall be afforested and maintained as green belt only.
43. The project proponent shall obtain NOC before commencement of the construction activity and clearance after the completion of the construction from the Fire and Emergency Services Department.
44. The project proponent shall ensure the time specification prescribed by the Honourable High Court of Karnataka in WP. No. 1958/2011 (LB - RES - PIL) on 04.12.2012 for different activities involved in construction work.
45. The proponent shall take up the construction activity only after obtaining NOC from BWS&SB or clearance from the competent authority for assured supply of water as the case may be.
46. The project proponent shall ensure that the construction activity is undertaken strictly in accordance with the approved site plan / layout drawing annexed to this Environmental Clearance letter. However, it is subject to compliance to the provisions of local authorities regarding setbacks, FAR etc. Shall be adhered to.
47. The existing water body, canals and rajakaluve and other drainage and water bound structures if any shall be retained unaltered with due buffer zone as applicable and maintained under tree cover.
48. The project proponent shall leave a buffer of 75 Meters from the Lakes, 50 Meters from Primary Rajakaluve, 35 Meters from Secondary Rajakaluve and 25 Meters from Tertiary Rajakaluve if applicable in Accordance with the order of the Principal Bench of Hon'ble National Green Tribunal, New Delhi dated 4th May 2016 in original application No.222 of 2014 in addition to sufficient buffer from the other water bodies in Accordance of law if applicable. The buffer so maintained shall be developed as Green belt planting with indigenous tree species such as Neem, Akash Mallige, Mahagoni, Honge, Kadamba Ficus, etc. and maintained as green belt. No construction activity shall be undertaken in the said buffer zone.
49. The natural sloping pattern of the project site other than the area excavated for the purpose of construction of proposed building shall remain unaltered and the natural hydrology of the area be maintained as it is to ensure natural flow of storm water.
50. Lakes and other water bodies within and/or at the vicinity of the project area shall be protected and conserved.



State Level Environment Impact Assessment Authority-Karnataka
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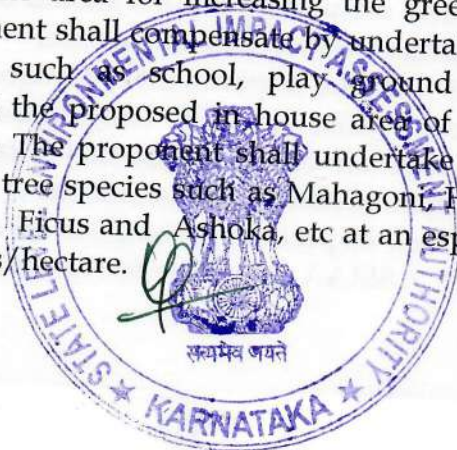
SEIAA 73 CON 2017

Expansion of Mixed Use development Project of
M/s. Chalet Hotels Pvt. Ltd. & Warehousing &
M/s. Magna Warehousing & Distribution Pvt. Ltd.

51. The Project proponent shall build in infrastructure required for use of Piped Natural Gas (PNG) such has pipelines and space for installation of PNG distribution equipment for both domestic/commercial purpose and DG set and shall ensure that PNG is supplied for both commercial purpose and for DG sets instead of other type of fuels.
52. The project proponent shall execute the activities towards the Corporate Social Responsibility in accordance with commitment made in the vide letter dated 04.04.2018 and report be submitted to the authority.

II. Operation Phase.

1. The installation of the Sewage Treatment Plant (STP) of total capacity 225 KLD in addition to existing 650 KLD Sewage Treatment Plant (STP) should be carried out before the construction of the second floor of the main structure is commenced and the plant shall be got certified by an independent expert and a report in this regard should be submitted to the SEIAA immediately. Discharge of treated wastewater shall conform to the norms & standards of the Karnataka State Pollution Control Board. Treated wastewater should be used for flushing, gardening, etc. as proposed, using dual plumbing line.
2. Rainwater harvesting for roof run-off with 100 Cum capacity of tanks at ground level for rainwater collection and also surface run-off harvesting as per the plan submitted should be implemented with proposed numbers recharge pits and pre-treatment must be done to remove suspended matter, oil and grease before recharging the surface run off.
3. Ensure that the excess runoff rainwater from the greenbelt area, which is irrigated by treated water, does not get into recharge pits and contaminate the ground water. Such excess flow should be safely let in to the storm water drains.
4. The solid waste generated should be properly collected and segregated insitu. The Biodegradable organic waste be composted by installing bio-converter in site and used. The non-biodegradable waste is disposed to the authorized recyclers.
5. Any hazardous waste including biomedical waste should be disposed-off as per the applicable Rules and norms with necessary approvals of the Karnataka State Pollution Control Board.
6. The project proponent shall develop a minimum of 33 % of the project area for green belt. If the area for increasing the green belt is not available then the proponent shall compensate by undertake planting in the civic amenity area such as school, play ground and avenue plantation in addition to the proposed in-house area of 7,917.12 Sqm (20.03% of the plot area). The proponent shall undertake plantation of heavy foliage indigenous tree species such as Mahagani, Honge, Neem, Akash Mollige, Kadamba, Ficus and Ashoka, etc at an espacement of 3 mts x 3 mts i.e. 1111 plants/hectare.



State Level Environment Impact Assessment Authority-Karnataka
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- The green belt design along the periphery of the plot shall achieve attenuation factor confirming to the day and night noise standards prescribed for residential land use. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous variety.
7. Incremental pollution loads on the ambient air quality; noise and water quality should be periodically monitored after commissioning of the project.
 8. Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating. A hybrid system or fully solar system for the complex should be provided. Details in this regard should be submitted to the SEIAA.
 9. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
 10. A Report on the energy conservation measures confirming to energy conservation norms finalized by the Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology, R & U Factors etc and submit to the SEIAA in three months time.
 11. All toilets should have dual plumbing line for using treated water and no wastewater is discharged from the unit.
 12. The Environment Management Plan including the human health and Safety management plan and Fire Safety and Protection plan proposed by the proponent shall be strictly implemented.
 13. The proposed building shall have D.G. Set of 3 No's X 1500 KVA along with the existing D.G. Sets (6 No's X 1500 KVA) as an alternate power supply source as proposed.

PART - B. GENERAL CONDITIONS:

1. The Environmental safeguards contained in the application should be implemented in letter and spirit.
2. All commitments made by the proponents in their application, and subsequent letters addressed to the SEAC/SEIAA should be accomplished before the construction work of the project is completed.
3. Half yearly monitoring reports should be submitted to the SEIAA and the Regional Office, MoEF, Bangalore.
4. Officials from the Department of Environment and Ecology, Bangalore / Regional Office of MoEF, 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 / SEIAA should be forwarded to the CCF, Regional Office of



State Level Environment Impact Assessment Authority-Karnataka
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SEIAA 73 CON 2017

Expansion of Mixed Use development Project of
M/s. Chalet Hotels Pvt. Ltd. & Warehousing &
M/s. Magna Warehousing & Distribution Pvt. Ltd.

MoEF, Bangalore / Department of Environment and Ecology,
Bangalore.

5. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Authority.
6. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environmental (Protection) Act, 1986.
7. The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the competent authorities.
9. The project proponent should 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 Karnataka State Pollution Control board and may also be seen on the website of the SEIAA, Karnataka at <http://seiaa.karnataka.gov.in> or <http://environmentclearance.nic.in>. The advertisement should be made within 7 days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office of the MoEF at Bangalore/ Department of Environment and Ecology, Bangalore.
10. The project proponent should display the conditions prominently at the entrance of the project on a suitable size board for the information of the public.
11. Any appeal against this environmental 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.
12. These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1986, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.
13. Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it is found that



State Level Environment Impact Assessment Authority-Karnataka

(Constituted by MoEF, Government of India under section 3(3) of E(P) Act, 1986)

SEIAA 73 CON 2017

Expansion of Mixed Use development Project of
M/s. Chalet Hotels Pvt. Ltd. & Warehousing &
M/s. Magna Warehousing & Distribution Pvt. Ltd.

construction of the project has been started without obtaining environmental clearance.

14. The issuance of Environment Clearance doesn't confer any right to the project proponent to operate/run the project without obtaining Statutory clearances/sanctions from all other concerned authorities.

Yours faithfully,



[Signature]
(RAMACHANDRA)
Member Secretary,
SEIAA, Karnataka.

17/11/18

Copy to:

1. The Secretary, Ministry of Environment, Forests and Climate Change, Indira Paryavaran Bhavan, Jor Bagh Road, Aliganj, New Delhi - 110 003.
2. The Commissioner, Bruhat Bengaluru Mahanagara Palike (BBMP), N.R. Square, Bangalore - 560 002.
3. The Member Secretary, Karnataka State Pollution Control Board, Bangalore.
4. The APCCF, Regional Office, Ministry of Environment & Forests (SZ), Kendriya Sadan, IV Floor, E & F wings, 17th Main Road, Koramangala II Block, Bangalore - 560 034.
5. Guard File.



State Level Environment Impact Assessment Authority-Karnataka

(Constituted by MoEF, Government of India, under section 3(3) of E(P) Act, 1986)

No. SEIAA 73 CON 2017

Date: 12.06.2018

ISSUE OF CORRIGENDUM AND TRANSFER OF ENVIRONMENTAL CLEARANCE

Preamble:

Attention is invited to this Authority's letter No. SEIAA 73 CON 2017 dated 17-04-2018 regarding grant of Environmental Clearance for expansion of Mixed Use development project at Plot Numbers 75, 76, 85, 86, 87 & 88(P) & CA plot which is part of EPIP Industrial area and Survey Numbers 97, 98, 149, 150 & 151 of Hoodi village, EPIP Industrial Area, Whitefield, Bengaluru East Taluk, Bengaluru District by M/s. Chalet Hotels Pvt. Ltd. & M/s. Magna Warehousing & Distribution Pvt. Ltd.

Request has been made by M/s. Chalet Hotels Pvt. Ltd. vide letter dated 17.5.2018 to transfer the Environmental Clearance issued vide letter No. SEIAA 73 CON 2017 dated 17-04-2018 to M/s. Chalet Hotels Pvt. Ltd. & M/s. Magna Warehousing & Distribution Pvt. Ltd. in favour of M/s Chalet Hotels Pvt. Ltd, as M/s. Magna Warehousing & Distribution Pvt. Ltd. is amalgamated with M/s. Chalet Hotels Pvt. Ltd., as per the orders of the National Company Law Tribunal, Bangalore Bench dated 14th March 2018 and hence M/s. Chalet Hotels Pvt. Ltd is the absolute owners of the whole project covered in the EC dated 17.4.2018. Request have also been made for issue of corrigendum amending the Specific Condition No. 51 as the existing DG sets cannot be converted for PNG facility.

The State Level Environment Impact Assessment Authority, Karnataka considered the request made by M/s. Chalet Hotels Pvt. Ltd during the meeting held on 28th May 2018 in the light of the provision for "Transferability of Environmental Clearance (EC)" under para 11 of the Notification No. S.O. 1533(E) dated 14th September 2006. The Authority have decided to transfer the Environmental Clearance issued vide letter No. SEIAA 73 CON 2017 dated 17-04-2018 to M/s. Chalet Hotels Pvt. Ltd. & M/s. Magna Warehousing & Distribution Pvt. Ltd. in favour of M/s Chalet Hotels Pvt. Ltd. on the same terms and conditions under which the prior Environmental Clearance has been granted except for the Specific Condition No. 51 which stands modified as hereunder and for same validity period. The Authority also decided to accord approval for modification of the Specific Condition No. 51 in the Environmental Clearance letter issued vide letter No. SEIAA 73 CON 2017 dated 17-04-2018 as "The Project proponent shall build in infrastructure required for use of Piped Natural Gas (PNG) such as pipelines and space for installation of PNG distribution equipment for both for domestic/commercial purpose and DG set and shall ensure that PNG is supplied for both commercial purpose and for DG sets instead of other type of fuel in the proposed development except in the case of existing blocks."

Hence the order.

ORDER

Pursuant to the facts and circumstances in the preamble, the Environmental Clearance issued in favour of M/s. Chalet Hotels Pvt. Ltd. & M/s. Magna Warehousing &



Distribution Pvt. Ltd., Plot #75, EPIP Area, Next to Sathya Sai Super- Speciality Hospital, Whitefield, Bangalore by the State Level Environment Impact Assessment Authority, Karnataka vide letter No. SEIAA 73 CON 2017 dated 17-04-2018 for expansion of Mixed Use development project at Plot Numbers 75, 76, 85, 86, 87 & 88(P) & CA plot which is part of EPIP Industrial area and Survey Numbers 97, 98, 149, 150 & 151 of Hoodi village, EPIP Industrial Area, Whitefield, Bengaluru East Taluk, Bengaluru District stands transferred to M/s. Chalet Hotels Pvt. Ltd., Plot #75, EPIP Area, Next to Sathya Sai Super-Speciality Hospital, Whitefield, Bangalore subject to condition that the transferee, M/s. Chalet Hotels Pvt. Ltd. shall abide by the commitments made by the transferor with respect to issue of this order and comply all other terms and conditions of the Environmental Clearance issued on 17-04-2018 except for the Specific Condition No. 51 which stands amended as under and shall be adhered to.

Specific Condition No.51 shall be corrected and read as follows:

"The Project proponent shall build in infrastructure required for use of Piped Natural Gas (PNG) such as pipelines and space for installation of PNG distribution equipment for both for domestic/commercial purpose and DG set and shall ensure that PNG is supplied for both commercial purpose and for DG sets instead of other type of fuel in the proposed development except in the case of existing blocks."



(Signature)
(RAMACHANDRA) 12/6/18
Member Secretary,
SEIAA.

To,

M/s. Chalet Hotels Pvt. Ltd.,
Plot No.75, EPIP Area,
Next to Sathya Sai Super-Speciality Hospital,
Whitefield, Bangalore - 560066.

Copy to:

- (1) The Secretary, Ministry of Environment, Forests and Climate Change, Indira Paryavaran Bhavan, Jor Bagh Road, Aliganj, New Delhi- 110003.
- (2) The Commissioner, Bruhat Bengaluru Mahanagara Palike (BBMP), N.R.Square, Bengaluru- 560002.
- (3) The Member Secretary, Karnataka State Pollution Control Board, Bengaluru.
- (4) The APCCF, Regional Office, Ministry of Environment & Forests, Kendriya Sadan, IV Floor, E & F wings, 17th Main Road, Koramangala II Block, Bangalore-560 034.
- (5) Guard File.

**ANNEXURE – AIR QUALITY. NOISE, SOIL
QUALITY, GROUND WATER QUALITY, DG
STACK & TREATED SEWAGE ANALYSIS
REPORTS**



BTH LABORATORIES PRIVATE LIMITED

(FORMERLY BANGLORE TEST HOUSE)

Approved by Drug Control Department, Government of Karnataka
An ISO/IEC-17025-2017 accredited laboratory by NABL Vide Certificate No.TC-13505



NABL
TC - 13505

TEST REPORT

Test Report Number	BTH/REP/2024/09/2411	Test Report Issue Date	03.10.2024
Sample Code Number	BTH/2024/09/2411	ULR Number	TC1350524000000362F
Name & Address of the customer [#]	M/s. Chalet Hotels Ltd. Mixed use Development at EPIP Industrial Area at Plot Nos. 75,76, 85, 86, 87 & 88 (P) & CA Plot which is part of EPIP Industrial Area & Survey Nos. 97, 98, 149, 150 & 151, Hoodi Village EPIP Industrial Area, Whitefield Bengaluru East Taluk BENGALURU. Karnataka.	Reference to work order/Letter Reference [#]	Customer Requisition Form dated 28.09.2024
Name of the Sample [#]	Ambient Air	Date of Receipt of Sample	28.09.2024
Sample Particulars [#]	Loc: Near Main Entrance	Date of Start of Test	30.09.2024
Sample Quantity	1 No.	Date of Completion of Test	03.10.2024
Sample drawn by	Collected by our Representative	Reference to sampling procedure	BTHL-SWI-ED-02
Date of Sampling	25.09.2024	Time/Duration of Sampling	Given below
Discipline	Chemical		
Product Category	Pollution & Environment		
Product Sub-category	Ambient Air		

GENERAL INFORMATION

Time of Sampling : 10.00 a.m. to 06.00 p.m.
(25.09.2024)
Duration of Sampling : 8 Hours
Average Temperature : 30°C

RESULT TABLE

Sl. No	Name of the Test	Units of Measurement	Test Results	Limits (as per NAAQS 2009)	Test Method
1.	Particulate Matter (Size less than 10µm) OR PM ₁₀	µg/m ³	62.7	Max. 100	IS 5182 (Part 23)
2.	Particulate Matter (Size less than 2.5µm) OR PM _{2.5}	µg/m ³	48.7	Max. 60	IS 5182 (Part 24)
3.	Sulphur dioxide (SO ₂)	µg/m ³	6.4	Max. 80	IS 5182 (Part 2, Sec 1)
4.	Nitrogen Dioxide (NO ₂)	µg/m ³	4.0	Max. 80	IS 5182 (Part 6)
5.	Carbon Monoxide (CO)	mg/m ³	1.31	Max. 2	IS 5182 (Part 10)

-End of Test Report

Apurva Lakshmi S
Reviewed & Authorized By
(JYOTHI LAKSHMI S)
Manager-Environment

Page 1 of 1

1) When samples are not drawn by the laboratory, results relate to submitted sample.	2) All information of the customer & test sample will be maintained confidential by the laboratory
3) The tested samples will be available with the laboratory for period of 1 month other than perishables and water samples	4) Information marked with # are customer supplied information for which laboratory is not responsible
5) The test results in part or full shall not be reproduced without prior permission from the laboratory. Laboratory is not responsible for photocopied test reports.	6) The Tested sample will be available with the laboratory for a period of 15 days from the report date for water samples



BTH LABORATORIES PRIVATE LIMITED

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NABL
TC - 13505**TEST REPORT**

Test Report Number	BTH/REP/2024/09/2412	Test Report Issue Date	28.09.2024
Sample Code Number	BTH/2024/09/2412	ULR Number	TC1350524000000353F
Name & Address of the customer [#]	M/s. Chalet Hotels Ltd. Mixed use Development at EPIP Industrial Area at Plot Nos. 75,76, 85, 86, 87 & 88 (P) & CA Plot which is part of EPIP Industrial Area & Survey Nos. 97, 98, 149, 150 & 151, Hoodi Village EPIP Industrial Area, Whitefield Bengaluru East Taluk BENGALURU. Karnataka.	Reference to work order/Letter Reference [#]	Customer Requisition Form dated 28.09.2024
Name of the Sample [#]	Noise Monitoring	Date of Receipt of Sample	28.09.2024
Sample Particulars [#]	Loc: Near Main Entrance	Date of Start of Test	Not Applicable
Sample Quantity	1 No.	Date of Completion of Test	Not Applicable
Sample drawn by	Collected by our Representative	Reference to sampling procedure	BTHL-SWI-ED-03
Date of Sampling	25.09.2024	Time/Duration of Sampling	10.30 p.m.
Discipline	Chemical		
Product Category	Pollution & Environment		
Product Sub-category	Noise level		

RESULT TABLE

Sl. No	Name of the Test	Units of Measurement	Test Results	Limits (Commercial Area)	Test Method
	Noise Level Monitoring dB (A)			Day Time: Max. 65 Night Time: Max. 55	
1.	Highest	dB (A)	62.6		IS 9989:1981
2.	Lowest	dB (A)	58.6		IS 9989:1981
3.	Average	dB (A)	60.6		IS 9989:1981

-End of Test Report

Jyothi Lakshmi S
Reviewed & Authorized By
(JYOTHI LAKSHMI S)
Manager-Environment

Page 1 of 1

1) When samples are not drawn by the laboratory, results relate to submitted sample.	2) All information of the customer & test sample will be maintained confidential by the laboratory
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5) The test results in part or full shall not be reproduced without prior permission from the laboratory. Laboratory is not responsible for photocopied test reports.	6) The Tested sample will be available with the laboratory for a period of 15 days from the report date for water samples



BTH LABORATORIES PRIVATE LIMITED

BTHL-LSF-7.8-02

(FORMERLY BANGLORE TEST HOUSE)

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TEST REPORT

Test Report Number	BTH/REP/2024/09/2414	Test Report Issue Date	24.10.2024
Sample Code Number	BTH/2024/09/2414	ULR Number	-
Name & Address of the customer [#]	M/s. Chalet Hotels Ltd. Mixed use Development at EPIP Industrial Area at Plot Nos. 75,76, 85, 86, 87 & 88 (P) & CA Plot (which is part of EPIP Industrial Area), Survey Nos. 97, 98, 149, 150 & 151 Hoodi Village, EPIP Industrial Area, Whitefield BENGALURU EAST TALUK. Bengaluru. Karnataka.	Reference to work order/Letter Reference [#]	Customer Requisition Form dated 28.09.2024
Name of the Sample [#]	Soil	Date of Receipt of Sample	28.09.2024
Sample Particulars [#]	Loc: Near Main Gate (Whitefield)	Date of Start of Test	30.09.2024
Sample Quantity	2 kgs	Date of Completion of Test	24.10.2024
Sample drawn by	Collected by our Representative	Reference to sampling procedure	Not Applicable
Date of Sampling	25.09.2024	Time/Duration of Sampling	12.00 p.m.
Discipline	Chemical		
Product Category	-		
Product Sub-category	-		

Description: Brown coloured Soil.

RESULT TABLE

Sl. No	Name of the Test	Units of Measurement	Test Results	Test Method
1.	pH	-	8.22	Soil testing in India-Methods Manual
2.	Nitrogen as N	mg/Kg	526.5	Soil testing in India-Methods Manual
3.	Potassium as K	mg/Kg	1351.3	Soil testing in India-Methods Manual
4.	Copper as Cu	mg/Kg	19.74	BTHL-STP-IN-13
5.	Total Organic Carbon	%	2.98	Soil testing in India-Methods Manual
6.	Bulk Density	g/cc	1.1737	I.P 2022
7.	Conductivity	μS/cm	325.4	Soil testing in India-Methods Manual
8.	Phosphorous as P	mg/Kg	84.9	Soil testing in India-Methods Manual
9.	Iron, as Fe	%	4.26	Soil testing in India-Methods Manual
10.	Boron as B	mg/Kg	Nil	Soil testing in India-Methods Manual
11.	Zinc as Zn	mg/Kg	23.48	BTHL-STP-IN-13
12.	Sodium Absorption Ratio	-	1.93	Soil testing in India-Methods Manual

-End of Test Report

Reviewed & Authorized By
(NAGARAJU. U)
Asst. Manager-Environment

Page 1 of 1

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5) The test results in part or full shall not be reproduced without prior permission from the laboratory. Laboratory is not responsible for photocopied test reports.	6) The Tested sample will be available with the laboratory for a period of 15 days from the report date for water samples



BTH LABORATORIES PRIVATE LIMITED

(FORMERLY BANGLORE TEST HOUSE)

Approved by Drug Control Department, Government of Karnataka

An ISO/IEC-17025-2017 accredited laboratory by NABL. Certificate No.TC-13505

NABL
TC - 13505**TEST REPORT**

Test Report Number	BTH/REP/2024/09/2413	Test Report Issue Date	10.10.2024
Sample Code Number	BTH/2024/09/2413	ULR Number	TC1350524000000372F
Name & Address of the customer [#]	M/s. Chalet Hotels Ltd. Mixed use Development at EPIP Industrial Area at Plot Nos. 75,76, 85, 86, 87 & 88 (P) & CA Plot which is part of EPIP Industrial Area & Survey Nos. 97, 98, 149, 150 & 151, Hoodi Village EPIP Industrial Area, Whitefield Bengaluru East Taluk BENGALURU. Karnataka.	Reference to work order/Letter Reference [#]	Customer Requisition Form dated 28.09.2024
Name of the Sample [#]	Ground Water	Date of Receipt of Sample	28.09.2024
Sample Particulars [#]	Loc: Chalet Hotel (Whitefield)	Date of Start of Test	30.09.2024
Sample Quantity	5 litres + 250 ml	Date of Completion of Test	10.10.2024
Sample drawn by	Collected by our Representative	Reference to sampling procedure	BTHL-SWI-ED-04 & BTHL-SWI-MB-05
Date of Sampling	25.09.2024	Time/Duration of Sampling	11.50 p.m.
Discipline	Chemical		
Product Category	Water		
Product Sub-category	Ground Water		

Description: Colourless, odourless liquid.

RESULT TABLE

Sl. No	Name of the Test	Units of Measurement	Test Results	IS 10500:2012 (upto Amendment 4)		Test Method
				Acceptable Limits	Permissible Limits	
	Table 1:					
1.	Colour	Hazen units	< 2	5.0	15.0	IS 3025 (Part 4)-2021
2.	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5)-2018
3.	pH Value	-	7.67 @24.6°C	6.5 – 8.5	No relaxation	IS 3025 (Part 11)-2022
4.	Turbidity	NTU	0.3	1.0	5.0	IS 3025 (Part 10)-2023
5.	Total Dissolved Solids @ 180°C	mg/l	1025	500	2000	IS 3025 (Part 16)-2023
	Table 2:					
6.	Aluminium as Al	mg/l	< 0.02	0.03	0.2	IS 3025 (Part 55)-2003, Method a
7.	Ammonia, as Total Ammonia-N	mg/l	< 0.5	0.5	No relaxation	IS 3025 (P 34/Sec 1) : 2023, Method b
8.	Anionic Detergents, as MBAS	mg/l	< 0.2	0.2	1.0	IS 3025 (Part 68)-2019
9.	Boron, as B	mg/l	< 0.1	0.5	2.4	IS 3025 (Part 57)-2021, Method a
10.	Calcium, as Ca	mg/l	135	75.0	200.0	IS 3025 (Part 40)-2024, Method a
11.	Chloramines, as Cl ₂	mg/l	< 0.5	4.0	No relaxation	IS 3025 (Part 26)-2021
12.	Chlorides, as Cl	mg/l	422.1	250.0	1000.0	IS 3025(Part 32)-1988 (Argenometric Method)
13.	Copper, as Cu	mg/l	< 0.05	0.05	1.5	IS 3025 (Part 42)-2024, Method a
14.	Fluorides, as F	mg/l	0.2	1.0	1.5	IS 3025(Part 60)-2008, Method a

Jyothi Lakshmi S.
Reviewed & Authorised by
(JYOTHI LAKSHMI S.)
Manager-Environment

Page 1 of 3

1) When samples are not drawn by the laboratory, results relate to submitted sample.	2) All information of the customer & test sample will be maintained confidentially by the laboratory
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NABL
TC - 13505

TEST REPORT

Test Report Number	BTH/REP/2024/09/2413	Test Report Issue Date	10.10.2024
Sample Code Number	BTH/2024/09/2413	ULR Number	TC1350524000000372F
Name & Address of the customer [#]	M/s. Chalet Hotels Ltd. Mixed use Development at EPIP Industrial Area at Plot Nos. 75,76, 85, 86, 87 & 88 (P) & CA Plot which is part of EPIP Industrial Area & Survey Nos. 97, 98, 149, 150 & 151, Hoodi Village EPIP Industrial Area, Whitefield Bengaluru East Taluk BENGALURU. Karnataka.	Reference to work order/Letter Reference [#]	Customer Requisition Form dated 28.09.2024
Name of the Sample [#]	Ground Water	Date of Receipt of Sample	28.09.2024
Sample Particulars [#]	Loc: Chalet Hotel (Whitefield)	Date of Start of Test	30.09.2024
Sample Quantity	5 litres + 250 ml	Date of Completion of Test	10.10.2024
Sample drawn by	Collected by our Representative	Reference to sampling procedure	BTHL-SWI-ED-04 & BTHL-SWI-MB-05
Date of Sampling	25.09.2024	Time/Duration of Sampling	11.50 p.m.
Discipline	Chemical		
Product Category	Water		
Product Sub-category	Ground Water		

RESULT TABLE

Sl. No	Name of the Test	Units of Measurement	Test Results	IS 10500:2012 (upto Amendment 4)		Test Method
				Acceptable Limits	Permissible Limits	
15	Free Residual Chlorine	mg/l	< 0.1	0.2	1.0	IS 3025 (Part 26)-2021, Method c
16	Iron as Fe	mg/l	< 0.08	1.0	No relaxation	IS 3025 (Part 53)-2024, Method a
17	Magnesium as Mg	mg/l	55.3	30	100	IS 3025 (Part 46)-2023, Method a
18	Manganese as Mn	mg/l	< 0.1	0.1	0.3	IS 3025 (Part 59)-2006, Method a
19	Nitrates as NO ₃	mg/l	13.6	45.0	No relaxation	APHA 4500 NO ₃ B, 24 th Edition
20	Phenolic Compounds, as C ₆ H ₅ OH	mg/l	Absent (DL:0.001)	0.001	0.002	IS 3025 (Part 43-Sec 1)-2022, Method b
21	Selenium as Se	mg/l	< 0.01	0.01	No relaxation	IS 15303:2003
22	Silver, as Ag	mg/l	< 0.01	0.01	No relaxation	IS 3025 (Part 79)-2023
23	Sulphate, as SO ₄	mg/l	19	200	400	IS 3025 (Part 24-Sec 1)-2022, Method b
24	Sulphide, as H ₂ S	mg/l	< 0.05	0.05	No relaxation	IS 3025 (Part 29)-2022, Method a
25	Total Alkalinity, as CaCO ₃	mg/l	385.7	200	600	IS 3025 (Part 23)-2023
26	Total Hardness, as CaCO ₃	mg/l	564.3	200	600	IS 3025 (Part 21)-2009, Method a
Table 3:						
27	Cyanide, as CN	mg/l	Absent (DL:0.02)	0.05	No relaxation	IS 3025(Part 27-Sec 1)-2021, Method b
28	Lead, as Pb	mg/l	< 0.01	0.01	No relaxation	IS 3025 (Part 47)-2024, Method b
29	Mercury, as Hg	mg/l	< 0.001	0.001	No relaxation	IS 3025(Part 48)-1994, Method a
30	Nickel, as Ni	mg/l	< 0.02	0.02	No relaxation	IS 3025(Part 54)-2003, Method b
31	Total Chromium as Cr	mg/l	< 0.03	0.05	No relaxation	IS 3025(Part 52)-2003, Method a
32	Mineral Oil	mg/l	Not detected (DL: 0.05)	1.0	No relaxation	IS 3025 (Part-39):2021, Method b

Jyothi Lakshmi S.
Reviewed & Authorised by
(JYOTHI LAKSHMI S.)
Manager-Environment

Page 2 of 3

1) When samples are not drawn by the laboratory, results relate to submitted sample	2) All information of the customer & test sample will be maintained confidential by the laboratory
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5) The test results in part or full shall not be reproduced without prior permission from the laboratory. Laboratory is not responsible for photocopied test reports.	6) The Tested sample will be available with the laboratory for a period of 15 days from the report date for water samples

TEST REPORT

Test Report Number	BTH/REP/2024/09/2413	Test Report Issue Date	10.10.2024
Sample Code Number	BTH/2024/09/2413	ULR Number	TC1350524000000372F
Name & Address of the customer [#]	M/s. Chalet Hotels Ltd. Mixed use Development at EPIP Industrial Area at Plot Nos. 75,76, 85, 86, 87 & 88 (P) & CA Plot which is part of EPIP Industrial Area & Survey Nos. 97, 98, 149, 150 & 151, Hoodi Village EPIP Industrial Area, Whitefield Bengaluru East Taluk BENGALURU. Karnataka.	Reference to work order/Letter Reference [#]	Customer Requisition Form dated 28.09.2024
Name of the Sample [#]	Ground Water	Date of Receipt of Sample	28.09.2024
Sample Particulars [#]	Loc: Chalet Hotel (Whitefield)	Date of Start of Test	30.09.2024
Sample Quantity	5 litres + 250 ml	Date of Completion of Test	10.10.2024
Sample drawn by	Collected by our Representative	Reference to sampling procedure	BTHL-SWI-ED-04 & BTHL-SWI-MB-05
Date of Sampling	25.09.2024	Time/Duration of Sampling	11.50 p.m.
Discipline	Biological		
Product Category	Water		
Product Sub-category	Ground Water		

RESULT TABLE

SL.NO.	TEST PARAMETERS	UNIT	TEST RESULTS	TEST METHOD
1	Escherichia coli	Per 100 ml	Absent	IS 15185:2016
2	Coliform	Per 100 ml	Absent	IS:15185:2016

-End of Test Report-



Reviewed & Authorized By
(BRIGHT ISAAC)
Manager-Microbiology

Page 3 of 3

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(FORMERLY BANGLORE TEST HOUSE)

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TEST REPORT

Test Report Number	BTH/REP/2024/09/2413	Test Report Issue Date	10.10.2024
Sample Code Number	BTH/2024/09/2413	ULR Number	-
Name & Address of the customer [#]	M/s. Chalet Hotels Ltd. Mixed use Development at EPIP Industrial Area at Plot Nos. 75,76, 85, 86, 87 & 88 (P) & CA Plot which is part of EPIP Industrial Area & Survey Nos. 97, 98, 149, 150 & 151, Hoodi Village EPIP Industrial Area, Whitefield Bengaluru East Taluk BENGALURU. Karnataka.	Reference to work order/Letter Reference [#]	Customer Requisition Form dated 28.09.2024
Name of the Sample [#]	Ground Water	Date of Receipt of Sample	28.09.2024
Sample Particulars [#]	Loc: Chalet Hotel (Whitefield)	Date of Start of Test	30.09.2024
Sample Quantity	5 litres + 250 ml	Date of Completion of Test	10.10.2024
Sample drawn by	Collected by our Representative	Reference to sampling procedure	BTHL-SWI-ED-04 & BTHL-SWI-MB-05
Date of Sampling	25.09.2024	Time/Duration of Sampling	11.50 p.m.
Discipline	Chemical		
Product Category	Water		
Product Sub-category	Ground Water		

RESULT TABLE

Sl. No	Name of the Test	Units of Measurement	Test Results	IS 10500:2012 (upto Amendment 4)		Test Method
				Acceptable Limits	Permissible Limits	
1.	Barium. as Ba	mg/l	< 0.1	0.7	No relaxation	IS 13428-2024
2.	Cadmium, as Cd	mg/l	< 0.001	0.003	No relaxation	IS 3025 (Part 41):2023
3.	Molybdenum, as Mo	mg/l	< 0.01	0.07	No relaxation	BTH-STP-IN-01
4.	Total Arsenic, as As	mg/l	< 0.01	0.01	No relaxation	IS 3025(Part 37)-2022
5.	Zinc, as Zn	mg/l	< 0.01	5	15	IS 3025 (Part 49)-2024, Method a

-End of Test Report-

Jyothi Lakshmi S.
Reviewed & Authorised by
(JYOTHI LAKSHMI S.)
Manager-Environment

Page 1 of 1

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PRASAD

ENVIRO LABS PRIVATE LIMITED

AN ISO 9001 : 2015, ISO 45001:2008 Certified Company & Recognised by CPCB under Environmental (Protection) Act 1986

Environmental Pollution Testing Services

10/3, 2nd Floor, Lalbagh Road, Richmond Circle, Bangalore - 560 027.

Tel : 2224 0989 / 4173 8382 Mobile : 98450 - 34677 E-mail : prasadenvirolabs@gmail.com www.prasadenvirolabs.com

TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Test Report No: PA/APC-9/5038-May'2024

Date: 30.05.2024

- | | | |
|------------------------------------|---|-------------------------------------------------------------------------------------------------------------------------|
| 1. Name of the Location | : | Raw Water – Domestic |
| 2. Name of the Project | : | M/s. Bengaluru Mayriott Hotel Whitefield
A Unit of Chalet Hotels Ltd,
Plot No.75, EPIP Area,
BANGALORE-560 066 |
| 3. Sample Collected by | : | Prasad Enviro Labs Pvt Ltd |
| 4. Date of Collection | : | 21.05.2024 |
| 5. Particulars of sample collected | : | Raw Water – Domestic |
| 6. Date of Sample Receipt | : | 21.05.2024 |
| 7. Sample Number | : | 8066 |

Sl. No	Parameter	Results	Requirement (Acceptable Limit) IS: 10500:2012	Maximum Permissible Limits in the absence of Alternate source as per IS: 10500:2012	Method of Test, Ref to part of IS: 3025
1.	pH	7.62	6.5 – 8.5	No Relaxation	Part – 11
2.	Colour in Hazen units	< 5.0	5	15	Part – 4
3.	Odour	Agreeable	Agreeable	Agreeable	Part – 5
4.	Turbidity in NTU	0.2	1	5	Part – 10
5.	Total Hardness as CaCO ₃ , in mg/l	186	200	600	Part – 21
6.	Iron as Fe, in mg/l	0.17	0.3	No Relaxation	Part – 53
7.	Chlorides as Cl, in mg/l	180	250	1000	Part – 32
8.	Residual Free Chlorine in mg/l,	Nil	0.2	1	Part – 26
9.	Total Dissolved Solids, in mg/l	492	500	2000	Part – 16
10.	Nitrate, as NO ₃ in mg/l	7.5	45	No Relaxation	Part – 34
11.	Calcium as Ca, in mg/l	64.0	75	200	Part – 40
12.	Magnesium as Mg, in mg/l	18.0	30	100	Part – 46
13.	Copper as Cu, in mg/l	< 0.01	0.05	1.5	Part – 42
14.	Manganese as Mn, in mg/l	< 0.01	0.1	0.3	Part – 59
15.	Sulphate as SO ₄ , in mg/l	24.0	200	400	Part – 24
16.	Mercury, in mg/l	< 0.001	0.001	No Relaxation	Part – 48
17.	Cadmium as Cd, in mg/l	< 0.001	0.003	No Relaxation	Part – 41
18.	Selenium as Se, in mg/l	< 0.01	0.01	No Relaxation	Part – 56
19.	Cyanide as Cn, in mg/l	< 0.01	0.05	No Relaxation	Part – 27
20.	Phosphate as PO ₄ in mg/l	< 0.2	-	-	Part – 31
21.	E.Coli Bacteria	Absent	Absent	Absent	APHA
22.	Total coliform bacteria	Absent	Absent	Absent	APHA

INFERENCE

As per IS: 10500: 2012 Standard:

Report Status: Results are within limit as per standard

-----End of Report-----

Analysed By

V. B. L.

Laboratory Head

[Signature]

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Air - Water - Noise Sampling , Analysis & Testing Laboratory

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ENVIRO LABS PRIVATE LIMITED

AN ISO 9001 : 2015, ISO 45001:2008 Certified Company & Recognised by CPCB under Environmental (Protection) Act 1986

Environmental Pollution Testing Services

10/3, 2nd Floor, Lalbagh Road, Richmond Circle, Bangalore - 560 027.

Tel : 2224 0989 / 4173 8382 Mobile : 98450 - 34677 E-mail : prasadenvirolabs@gmail.com www.prasadenvirolabs.com

TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Test Report No: PA/APC-9/5039-May'2024

Date: 30.05.2024

- | | | |
|------------------------------------|---|-------------------------------------------------------------------------------------------------------------------------|
| 1. Name of the Location | : | Treated Water – Domestic |
| 2. Name of the Project | : | M/s. Bengaluru Mayriott Hotel Whitefield
A Unit of Chalet Hotels Ltd,
Plot No.75, EPIP Area,
BANGALORE-560 066 |
| 3. Sample Collected by | : | Prasad Enviro Labs Pvt Ltd |
| 4. Date of Collection | : | 21.05.2024 |
| 5. Particulars of sample collected | : | Treated Water – Domestic |
| 6. Date of Sample Receipt | : | 21.05.2024 |
| 7. Sample Number | : | 8067 |

Sl. No	Parameter	Results	Requirement (Acceptable Limit) IS: 10500:2012	Maximum Permissible Limits in the absence of Alternate source as per IS: 10500:2012	Method of Test, Ref to part of IS: 3025
1.	pH	7.48	6.5 – 8.5	No Relaxation	Part – 11
2.	Colour in Hazen units	< 5.0	5	15	Part – 4
3.	Odour	Agreeable	Agreeable	Agreeable	Part – 5
4.	Turbidity in NTU	Nil	1	5	Part – 10
5.	Total Hardness as CaCO ₃ , in mg/l	62.0	200	600	Part – 21
6.	Iron as Fe, in mg/l	0.14	0.3	No Relaxation	Part – 53
7.	Chlorides as Cl, in mg/l	76	250	1000	Part – 32
8.	Residual Free Chlorine in mg/l,	Nil	0.2	1	Part – 26
9.	Total Dissolved Solids, in mg/l	317	500	2000	Part – 16
10.	Nitrate, as NO ₃ in mg/l	2.5	45	No Relaxation	Part – 34
11.	Calcium as Ca, in mg/l	28.0	75	200	Part – 40
12.	Magnesium as Mg, in mg/l	5.0	30	100	Part – 46
13.	Copper as Cu, in mg/l	< 0.01	0.05	1.5	Part – 42
14.	Manganese as Mn, in mg/l	< 0.01	0.1	0.3	Part – 59
15.	Sulphate as SO ₄ , in mg/l	15.0	200	400	Part – 24
16.	Mercury, in mg/l	< 0.001	0.001	No Relaxation	Part – 48
17.	Cadmium as Cd, in mg/l	< 0.001	0.003	No Relaxation	Part – 41
18.	Selenium as Se, in mg/l	< 0.01	0.01	No Relaxation	Part – 56
19.	Cyanide as Cn, in mg/l	< 0.01	0.05	No Relaxation	Part – 27
20.	E.Coli Bacteria	Absent	Absent	Absent	APHA
21.	Total coliform bacteria	Absent	Absent	Absent	APHA

INFERENCE

As per IS: 10500:2012 Standard:

Report Status: Results are within limit as per standard

-----End of Report-----

Analysed By

V. B. L.

Laboratory Head

[Signature]

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TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Test Report No: PA/APC-9/5040-May'2024

Date: 30.05.2024

1. Name of the Location : Swimming Pool Water
2. Name of the Project : M/s. Bengaluru Mayriott Hotel Whitefield
A Unit of Chalet Hotels Ltd,
Plot No.75, EPIP Area,
BANGALORE-560 066
3. Sample Collected by : Prasad Enviro Labs Pvt Ltd
4. Date of Collection : 21.05.2024
5. Particulars of sample collected : Swimming Pool Water
6. Date of Sample Receipt : 21.05.2024
7. Sample Number : 8068

Parameter	Results	IS 3328:1993 (Reaffirmed 2003) Acceptable Limit for Swimming Pool Water	Method of Test, Ref to part of IS: 3025
pH	7.69	7.5 to 8.5	Part - 11
Total Residual Chlorine at Inlet	0.2	0.5	Part - 26
Total Residual Chlorine at Outlet	Nil	0.2	Part - 26
E.Coli Bacteria	Absent	Absent	APHA
Total Plate Count, CFU	Absent	-	APHA

INFERENCE	As per IS 3328:1993 Standard:
	Report Status: Results are within limit as per standard

-----End of Report-----

Analysed By

V.R.L.

Laboratory Head

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TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Test Report No: PA/APC-9/5041-May'2024

Date: 30.05.2024

1. Name of the Location : Cooling Tower Water
2. Name of the Project : M/s. Bengaluru Mayriott Hotel Whitefield
A Unit of Chalet Hotels Ltd,
Plot No.75, EPIP Area,
BANGALORE-560 066
3. Sample Collected by : Prasad Enviro Labs Pvt Ltd
4. Date of Collection : 21.05.2024
5. Particulars of sample collected : Cooling Tower Water
6. Date of Sample Receipt : 21.05.2024
7. Sample Number : 8069

Parameter	Results	Method of Test, Ref to part of IS: 3025
Nitrate, as NO ₃ in mg/l	6.0	Part - 34
Legionella	Absent	APHA
pH	7.52	Part - 11
Total Suspended Solids, ppm	4.0	Part - 17
Electric Conductivity, μ S/cm	1570	Part - 14
Alkalinity, ppm	152	Part - 23
Calcium hardness, ppm	48	Part - 40
Chlorides as Cl, ppm	136	Part - 32
Silica, ppm	0.28	Part - 35
Total bacteria	Absent	APHA

-----End of Report-----

Analysed By



Laboratory Head



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TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Test Report No: PA/APC-9/5042-May'2024

Date: 30.05.2024

1. Name of the Location : Hot Water
2. Name of the Project : M/s. Bengaluru Mayriott Hotel Whitefield
A Unit of Chalet Hotels Ltd,
Plot No.75, EPIP Area,
BANGALORE-560 066
3. Sample Collected by : Prasad Enviro Labs Pvt Ltd
4. Date of Collection : 21.05.2024
5. Particulars of sample collected : Hot Water
6. Date of Sample Receipt : 21.05.2024
7. Sample Number : 8070

Sl. No	Parameter	Results	Method of Test, Ref to part of IS: 3025
1.	pH	7.37	Part - 11
2.	Electric Conductivity, $\mu\text{S}/\text{cm}$	267	Part - 14
3.	Acidity in mg/l	Nil	Part - 22
4.	Turbidity in NTU	0.2	Part - 10
5.	Total Hardness as CaCO_3 , in mg/l	24.0	Part - 21
6.	Iron as Fe, in mg/l	0.14	Part - 53
7.	Calcium as Ca, in mg/l	Nil	Part - 40
8.	Silica as ' SiO_2 ', in mg/l	0.19	Part - 35
9.	Legionella	Absent	APHA
10.	Total coliform bacteria	Absent	APHA

-----End of Report-----

Analysed By

V.R.L.D

Laboratory Head

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TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Test Report No: PA/APC-9/5043-May'2024

Date: 30.05.2024

1. Name of the Location : Boiler Feed Water
2. Name of the Project : M/s. Bengaluru Mayriott Hotel Whitefield
A Unit of Chalet Hotels Ltd,
Plot No.75, EPIP Area,
BANGALORE-560 066
3. Sample Collected by : Prasad Enviro Labs Pvt Ltd
4. Date of Collection : 21.05.2024
5. Particulars of sample collected : Boiler Feed Water
6. Date of Sample Receipt : 21.05.2024
7. Sample Number : 8071

Sl. No	Parameter	Results	Method of Test, Ref to part of IS: 3025
1.	Total Dissolved Solids, in mg/l	292	Part - 16
2.	Electric Conductivity, $\mu\text{S}/\text{cm}$	490	Part - 14
3.	Chloride as 'Cl', in mg/l	82	Part - 32
4.	Turbidity in NTU	1.3	Part - 10
5.	Total Hardness as CaCO_3 , in mg/l	28	Part - 21
6.	Silica as ' SiO_2 ', in mg/l	0.24	Part - 35
7.	E.Coli Bacteria	Absent	APHA
8.	Total coliform bacteria	Absent	APHA

-----End of Report-----

Analysed By

V. B. L. A

Laboratory Head

W

- Note : 1. The results listed refer only to the tested samples & applicable parameters.
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TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Test Report No: PA/APC-9/5044-May'2024

Date: 30.05.2024

- | | | |
|------------------------------------|---|-------------------------------------------------------------------------------------------------------------------------|
| 1. Name of the Location | : | Water body Sample |
| 2. Name of the Project | : | M/s. Bengaluru Mayriott Hotel Whitefield
A Unit of Chalet Hotels Ltd,
Plot No.75, EPIP Area,
BANGALORE-560 066 |
| 3. Sample Collected by | : | Prasad Enviro Labs Pvt Ltd |
| 4. Date of Collection | : | 21.05.2024 |
| 5. Particulars of sample collected | : | Water body Sample |
| 6. Date of Sample Receipt | : | 21.05.2024 |
| 7. Sample Number | : | 8072 |

Parameter	Results	Method of Test
Legionella	Absent	APHA

-----End of Report-----

Analysed By

V. B. L. D.

Laboratory Head



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TEST REPORT

ANALYSIS REPORT OF SEWAGE WATER QUALITY

Test Report No: PA/APC-9/5045-May'2024

Date: 30.05.2024

1. Name of the Location	:	STP Treated Water
2. Name of the Project	:	M/s. Bengaluru Mayriott Hotel Whitefield A Unit of Chalet Hotels Ltd, Plot No.75, EPIP Area, BANGALORE-560 066
3. Sample Collected by	:	Prasad Enviro Labs Pvt Ltd
4. Date of Collection	:	21.05.2024
5. Particulars of sample collected	:	STP Treated Water
6. Date of Sample Receipt	:	21.05.2024
7. Sample Number	:	8073

Sl. No	Parameter	Results	KSPCB Tolerance Limits	Method of Test, Ref to part of IS: 3025
1.	pH	7.48	6.5 – 9.0	Part – 11
2.	Colour in Hazen units	< 5.0	5.0	Part – 4
3.	Odour	Acceptable	Acceptable	Part – 5
4.	Suspended Solids, mg/l	5.0	≤ 20	Part – 17
5.	Turbidity in NTU	1.2	2.0	Part – 10
6.	BOD for 3 days @ 27°C, mg/l	6.0	≤ 10	Part – 44
7.	COD in mg/l	28.0	≤ 50	Part – 58
8.	Residual Free Chlorine, mg/l	1.1	> 1.0	Part – 26
9.	Oil and Grease, mg/l	0.9	10	Part – 39
10.	Electric Conductivity, µS/cm	886	2250	Part – 14
11.	Total Dissolved Solids, mg/l	510	2100	Part – 16
12.	Chlorides as Cl, in mg/l	168	350	Part – 32
13.	Total Hardness as CaCO ₃ , in mg/l	134	200	Part – 21
14.	Sodium Absorption Ratio	2.8	60	-
15.	Ammonical Nitrogen, mg/l	3.4	≤ 5	Part – 34
16.	Total Nitrogen, mg/l	7.0	≤ 10	Part – 34
17.	Phosphate as PO ₄ in mg/l	<0.2	-	Part – 31
18.	Fecal Coliform (MPN/100 ml)	Absent	≤ 100	APHA
19.	E. Coli Bacteria	Absent	Absent	APHA
20.	Silica, ppm	0.3	-	Part – 35
21.	Alkalinity, ppm	168	-	Part – 23

INFERENCE	As per KSPCB Standard:
	Report Status: Results are within limit as per standard

-----End of Report-----

Analysed By

V. K. L. D.

Laboratory Head



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TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Name of the Industry:	Test Report No. PA/APC-9/5046-May/2024
M/s. Bengaluru Aprriott Hotel Whitefield	Date of Report: 30.05.2024
A Unit of Chalet Hotels Ltd,	Lab Ref: Data Sheet No. 8074/May/2024
Plot No.75, EPIP Area,	Page: 1 of 3
BANGALORE-560 066	

Date of sample collected: 21.05.2024

Particulars of Sample: RO Water – Bottling Plant

TEST RESULTS

Sl. No	Parameter	Test Results	Max. Permissible Limit as per IS: 10500:2012	Method of Test
1	pH	7.19	6.5 -8.5	IS:3025 [P-11]
2	Colour, Hazen	< 5.0	5 Max.	IS:3025 [P-4]
3	Odour	Agreeable	Agreeable	IS:3025 [P-5]
4	Turbidity, NTU	Nil	1.0 Max.	IS:3025 [P-10]
5	Taste	Agreeable	Agreeable	IS:3025 [P-7]
6	Total Hardness (CaCO ₃), mg/l	4.0	200 Max.	IS:3025 [P-21]
7	Iron (as Fe), mg/l	< 0.1	0.3 Max.	APHA
8	Chloride (as Cl), mg/l	8.0	250 Max.	IS:3025 [P-32]
9	Residual free Chlorine, mg/l	ND [DL-0.1]	0.2 Max.	IS:3025 [P-26]
10	Total Dissolved Solids, mg/l	44	500 Max.	IS:3025 [P-416]
11	Nitrate (as NO ₃), mg/l	0.14	45 Max.	IS:3025 [P-16]
12	Calcium (as Ca), mg/l	< 2.0	75 Max.	IS:3025 [P-40]
13	Magnesium (as Mg), mg/l	< 1.0	30 Max.	IS:3025 [P-46]
14	Copper (as Cu), mg/l	ND [DL-0.025]	0.05 Max.	APHA
15	Manganese (as Mn), mg/l	ND [DL-0.05]	0.1 Max.	APHA
16	Sulphate (as SO ₄), mg/l	< 1.0	200 Max.	IS:3025 [P-24]
17	Mercury (as Hg), mg/l	ND [DL-0.0005]	0.001 Max.	IS:3025
18	Cadmium (as Cd), mg/l	ND [DL-0.001]	0.003 Max.	APHA
19	Selenium (as Se), mg/l	ND [DL-0.005]	0.01 Max.	APHA
20	Cyanide (as CN), mg/l	ND [DL-0.025]	0.05 Max.	IS:3025 [P-34]

ND=Not Detected; DL= Detection Limit

Analysed By

V. R. L.

Laboratory Head

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TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Name of the Industry:	Test Report No. PA/APC-9/5046-May/2024
M/s. Bengaluru Aprriott Hotel Whitefield	Date of Report: 30.05.2024
A Unit of Chalet Hotels Ltd,	Lab Ref: Data Sheet No. 8074/May'2024
Plot No.75, EPIP Area,	Page: 2 of 3
BANGALORE-560 066	

Date of sample collected: 21.05.2024

Particulars of Sample: RO Water – Bottling Plant

TEST RESULTS

Sl. No	Parameter	Test Results	Max. Permissible Limit as per IS: 10500:2012	Method of Test
21	Aluminum (as Al), mg/l	ND [DL-0.02]	0.03 Max.	APHA
22	Ammonia, mg/l	ND [DL-0.2]	0.5 Max.	IS:13428
23	Anionic detergents (as MBA5), mg/l	ND [DL-0.1]	0.2 Max.	APHA
24	Barium (as B), mg/l	ND [DL-0.5]	0.7 Max.	APHA
25	Boron (as B), mg/l	ND [DL-0.25]	0.5 Max.	IS:13428
26	Chloramines (as C12) , mg/l	ND [DL-2]	4 Max.	APHA
27	Mineral Oil, mg/l	ND [DL-0.0005]	0.5 Max.	APHA
28	Phenolic substances (as C6HsOH), mg/l	ND [DL-0.0005]	0.001 Max.	IS:3025 [P-40]
29	Silver (as Ag) , mg/l	ND [DL-0.05]	0.1 Max.	IS:3025 [P-23]
30	Sulphide (as H2S) , mg/l	ND [DL-0.02]	0.05 Max.	APHA
31	Fluoride (as F), mg/l	0.05	1.0 Max.	IS:3025
32	Zinc (as Zn), mg/l	ND [DL-0.1]	5.0 Max.	APHA
33	Lead (as Pb), mg/l	ND [DL-0.005]	0.01 Max.	APHA
34	Molybdenum (as Mo) , mg/l	ND [DL-0.02]	0.07 Max.	APHA
35	Nickel (as Ni) , mg/l	ND [DL-0.01]	0.02 Max.	APHA
36	Arsenic (as As), mg/l	ND [DL-0.005]	0.01 Max.	IS:3025 [P-24]
37	Chromium (as Cr), mg/l	ND [DL-0.025]	0.05 Max.	APHA
38	Polynuclear aromatic hydrocarbons, (as PAH), mg/l	ND [DL-0.0001]	0.0001 Max	APHA
39	Total Alkalinity, mg/l	9	200 Max.	APHA
40	Pesticides	Absent	-	AOAC

ND=Not Detected; DL= Detection Limit

Analysed By

V.B.L

Laboratory Head

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TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Name of the Industry:	Test Report No. PA/APC-9/5046-May/2024
M/s. Bengaluru Aprriott Hotel Whitefield	Date of Report: 30.05.2024
A Unit of Chalet Hotels Ltd,	Lab Ref: Data Sheet No. 8074/May'2024
Plot No.75, EPIP Area,	Page: 1 of 3
BANGALORE-560 066	

Date of sample collected: 21.05.2024

Particulars of Sample: RO Water – Bottling Plant

TEST RESULTS [Microbiological Parameters]

Sl. No	Parameter	Test Results	Max. Permissible Limit as per IS: 10500:2012	Method of Test
1	Total Coliform / 100 ml	Absent	Shall not be detectable in any 100 ml sample	IS: 1622
2	E.coli/100 ml	Absent	Shall not be detectable in any 100 ml sample	IS: 1622

INFERENCE	As per IS 10500 Standard:
	Report Status: The tested sample of water is potable & conforms to IS-10500, Drinking water specification w.r.t. above tests only

---End of Report---

Analysed By

V. R. I. A.

Laboratory Head

V. R. I. A.

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 2. In case of dispute our liability is limited to the billed amount received by us.
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ENVIRO LABS PRIVATE LIMITED

AN ISO 9001 : 2015 , ISO 45001:2008 Certified Company & Recognised by CPCB under Environmental (Protection) Act 1986

Environmental Pollution Testing Services

10/3, 2nd Floor, Lalbagh Road, Richmond Circle, Bangalore - 560 027.

Tel : 2224 0989 / 4173 8382 Mobile : 98450 - 34677 E-mail : prasadenvirolabs@gmail.com www.prasadenvirolabs.com

TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Name of the Industry:	Test Report No. PA/APC-9/5047-May/2024
M/s. Bengaluru Marriott Hotel Whitefield	Date of Report: 30.05.2024
A Unit of Chalet Hotels Ltd,	Lab Ref: Data Sheet No. 8075/May'2024
Plot No.75, EPIP Area,	Page: 1 of 3
BANGALORE-560 066	

Date of sample collected: 21.05.2024

Particulars of Sample: RO Drinking Water

TEST RESULTS

Sl. No	Parameter	Test Results	Max. Permissible Limit as per IS: 10500:2012	Method of Test
1	pH	7.22	6.5 -8.5	IS:3025 [P-11]
2	Colour, Hazen	< 5.0	5 Max.	IS:3025 [P-4]
3	Odour	Agreeable	Agreeable	IS:3025 [P-5]
4	Turbidity, NTU	Nil	1.0 Max.	IS:3025 [P-10]
5	Taste	Agreeable	Agreeable	IS:3025 [P-7]
6	Total Hardness (CaCO ₃), mg/l	3.0	200 Max.	IS:3025 [P-21]
7	Iron (as Fe), mg/l	< 0.1	0.3 Max.	APHA
8	Chloride (as Cl), mg/l	7.0	250 Max.	IS:3025 [P-32]
9	Residual free Chlorine, mg/l	ND [DL-0.1]	0.2 Max.	IS:3025 [P-26]
10	Total Dissolved Solids, mg/l	40	500 Max.	IS:3025 [P-416]
11	Nitrate (as NO ₃), mg/l	0.5	45 Max.	IS:3025 [P-16]
12	Calcium (as Ca), mg/l	< 2.0	75 Max.	IS:3025 [P-40]
13	Magnesium (as Mg), mg/l	< 1.0	30 Max.	IS:3025 [P-46]
14	Copper (as Cu), mg/l	ND [DL-0.025]	0.05 Max.	APHA
15	Manganese (as Mn), mg/l	ND [DL-0.05]	0.1 Max.	APHA
16	Sulphate (as SO ₄), mg/l	< 1.0	200 Max.	IS:3025 [P-24]
17	Mercury (as Hg), mg/l	ND [DL-0.0005]	0.001 Max.	IS:3025
18	Cadmium (as Cd), mg/l	ND [DL-0.001]	0.003 Max.	APHA
19	Selenium (as Se), mg/l	ND [DL-0.005]	0.01 Max.	APHA
20	Cyanide (as CN), mg/l	ND [DL-0.025]	0.05 Max.	IS:3025 [P-34]

ND=Not Detected; DL= Detection Limit

Analysed By

V. B. L.

Laboratory Head

W

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Air - Water - Noise Sampling , Analysis & Testing Laboratory

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TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Name of the Industry:	Test Report No. PA/APC-9/5047-May/2024
M/s. Bengaluru Marriott Hotel Whitefield	Date of Report: 30.05.2024
A Unit of Chalet Hotels Ltd,	Lab Ref: Data Sheet No. 8075/May'2024
Plot No.75, EPIP Area,	Page: 2 of 3
BANGALORE-560 066	

Date of sample collected: 21.05.2024

Particulars of Sample: RO Drinking Water

TEST RESULTS

Sl. No	Parameter	Test Results	Max. Permissible Limit as per IS: 10500:2012	Method of Test
21	Aluminum (as Al), mg/l	ND [DL-0.02]	0.03 Max.	APHA
22	Ammonia, mg/l	ND [DL-0.2]	0.5 Max.	IS:13428
23	Anionic detergents (as MBA5), mg/l	ND [DL-0.1]	0.2 Max.	APHA
24	Barium (as B), mg/l	ND [DL-0.5]	0.7 Max.	APHA
25	Boron (as B), mg/l	ND [DL-0.25]	0.5 Max.	IS:13428
26	Chloramines (as C12) , mg/l	ND [DL-2]	4 Max.	APHA
27	Mineral Oil, mg/l	ND [DL-0.0005]	0.5 Max.	APHA
28	Phenolic substances (as C6H5OH), mg/l	ND [DL-0.0005]	0.001 Max.	IS:3025 [P-40]
29	Silver (as Ag) , mg/l	ND [DL-0.05]	0.1 Max.	IS:3025 [P-23]
30	Sulphide (as H2S) , mg/l	ND [DL-0.02]	0.05 Max.	APHA
31	Fluoride (as F), mg/l	0.06	1.0 Max.	IS:3025
32	Zinc (as Zn), mg/l	ND [DL-0.1]	5.0 Max.	APHA
33	Lead (as Pb), mg/l	ND [DL-0.005]	0.01 Max.	APHA
34	Molybdenum (as Mo) , mg/l	ND [DL-0.02]	0.07 Max.	APHA
35	Nickel (as Ni) , mg/l	ND [DL-0.01]	0.02 Max.	APHA
36	Arsenic (as As), mg/l	ND [DL-0.005]	0.01 Max.	IS:3025 [P-24]
37	Chromium (as Cr), mg/l	ND [DL-0.025]	0.05 Max.	APHA
38	Polynuclear aromatic hydrocarbons, (as PAH), mg/l	ND [DL-0.0001]	0.0001 Max	APHA
39	Total Alkalinity, mg/l	10.0	200 Max.	APHA
40	Pesticides	Absent	-	AOAC

ND=Not Detected; DL= Detection Limit

Analysed By

V. R. L. D.

Laboratory Head

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TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Name of the Industry:	Test Report No. PA/APC-9/5047-May/2024
M/s. Bengaluru Marriott Hotel Whitefield	Date of Report: 30.05.2024
A Unit of Chalet Hotels Ltd,	Lab Ref: Data Sheet No. 8075/May'2024
Plot No.75, EPIP Area,	Page: 3 of 3
BANGALORE-560 066	

Date of sample collected: 21.05.2024

Particulars of Sample: RO Drinking Water

TEST RESULTS [Microbiological Parameters]

Sl. No	Parameter	Test Results	Max. Permissible Limit as per IS: 10500:2012	Method of Test
1	Total Coliform / 100 ml	Absent	Shall not be detectable in any 100 ml sample	IS: 1622
2	E.coli/100 ml	Absent	Shall not be detectable in any 100 ml sample	IS: 1622

INFERENCE	As per IS 10500 Standard:
	Report Status: The tested sample of water is potable & conforms to IS-10500, Drinking water specification w.r.t. above tests only

----End of Report----

Analysed By

V. R. L. D.

Laboratory Head



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TEST REPORT

ANALYSIS REPORT OF SOURCE EMISSION

Test Report No: PA/APC-9/6243-Jul'2024

Date: 26.07.2024

Name of the Industry : **M/s. Marriott Hotel Whitefield**
A Unit of Chalet Hotels Ltd
Plot No.75, EPIP Area,
BANGALORE - 560 066.

Stack Id : 1500 KVA DG Set -1

Sample Collected by : Prasad Enviro Labs Pvt Ltd

Date of Collection : 18.07.2024

Particulars of Sample Collected : Stack Emission Monitoring

Date of sample Receipt : 18.07.2024

Sample Number : 9398

GENERAL DETAILS

Date of Monitoring	18.07.2024
Stack Diameters in mm	250
Area of Cross Section of Stack in M ²	0.049
Flue Gas Temperature in degree Celsius	224
Exit Velocity of Gas in Mts/Sec	7.7
Rate of discharge quantity of gas in m ³ /hr	1358.28

RESULTS

Parameters	Protocol	Unit	Results	Standard
Particulate Matter (PM)	IS:11255 (P-1) 1985	mg/Nm ³	30.4	75
Sulphur Dioxides (SO ₂)	Flue Gas Analyzer	mg/m ³	8.8	**
Oxides of Nitrogen (NO _x)	Flue Gas Analyzer	mg/m ³	13.6	710
Non-Methane Hydrocarbon (NMHC)*	Flue Gas Analyzer	mg/m ³	8.1	100
Carbon Monoxide (CO)*	Flue Gas Analyzer	mg/m ³	11.4	150


** Limit Not Specified

INFERENCE	As per KSPCB Standard:
	Report Status: Results are within limit as per standard

-----End of Report-----

Analysed By


Verified by


Authorized Signatory

Technical Manager
(V. Boobal)

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TEST REPORT

ANALYSIS REPORT OF SOURCE EMISSION

Test Report No: PA/APC-9/6244-Jul'2024

Date: 26.07.2024

Name of the Industry : **M/s. Marriott Hotel Whitefield**
A Unit of Chalet Hotels Ltd
Plot No.75, EPIP Area,
BANGALORE - 560 066.

Stack Id : 1500 KVA DG Set -2
Sample Collected by : Prasad Enviro Labs Pvt Ltd
Date of Collection : 18.07.2024
Particulars of Sample Collected: Stack Emission Monitoring
Date of sample Receipt : 18.07.2024
Sample Number : 9399

GENERAL DETAILS

Date of Monitoring	18.07.2024
Stack Diameters in mm	250
Area of Cross Section of Stack in M ²	0.049
Flue Gas Temperature in degree Celsius	224
Exit Velocity of Gas in Mts/Sec	7.5
Rate of discharge quantity of gas in m ³ /hr	1323

RESULTS

Parameters	Protocol	Unit	Results	Standard
Particulate Matter (PM)	IS:11255 (P-1) 1985	mg/Nm ³	28.7	75
Sulphur Dioxides (SO ₂)	Flue Gas Analyzer	mg/m ³	8.1	**
Oxides of Nitrogen (NO _x)	Flue Gas Analyzer	mg/m ³	12.9	710
Non-Methane Hydrocarbon (NMHC)*	Flue Gas Analyzer	mg/m ³	7.6	100
Carbon Monoxide (CO)*	Flue Gas Analyzer	mg/m ³	11.2	150

** Limit Not Specified

INFERENCE	As per KSPCB Standard: Report Status: Results are within limit as per standard
------------------	-----------------------------------------------------------------------------------

-----End of Report-----

Analysed By

Verified by

Authorized Signatory

Technical Manager
(V. Boobal)

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TEST REPORT

ANALYSIS REPORT OF SOURCE EMISSION

Test Report No: PA/APC-9/6245-Jul'2024

Date: 26.07.2024

Name of the Industry : M/s. Marriott Hotel Whitefield
A Unit of Chalet Hotels Ltd
Plot No.75, EPIP Area,
BANGALORE - 560 066.

Stack Id : Boiler
Sample Collected by : Prasad Enviro Labs Pvt Ltd
Date of Collection : 18.07.2024
Particulars of Sample Collected: : Stack Emission Monitoring
Date of sample Receipt : 18.07.2024
Sample Number : 9400

GENERAL DETAILS

Date of Monitoring	18.07.2024
Stack Diameters in mm	380
Area of Cross Section of Stack in M ²	0.113
Flue Gas Temperature in degree Celsius	112
Exit Velocity of Gas in Mts/Sec	5.9
Rate of discharge quantity of gas in m ³ /hr	2400.12

RESULTS

Parameters	Protocol	Unit	Results	Standard
Particulate Matter (PM)	IS:11255 (P-1) 1985	mg/Nm ³	19.8	150
Sulphur Dioxides (SO ₂)	Flue Gas Analyzer	mg/m ³	3.0	**
Oxides of Nitrogen (NO _x)	Flue Gas Analyzer	mg/m ³	6.2	**

** Limit Not Specified

INFERENCE	As per KSPCB Standard:
	Report Status: Results are within limit as per standard

-----End of Report-----

Analysed By

Verified by

Authorized Signatory

Technical Manager
(V. Boobal)

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TEST REPORT

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test Report No: PA/APC-9/6246-Jul'2024

Date: 26.07.2024

1. Name of the Station : Near Main Entrance
2. Name of the Project : M/s. Bengaluru Marriott Hotel Whitefield
A Unit of Chalet Hotels Ltd,
Plot No.75, EPIP Area,
BANGALORE-560 066
3. Sample Collected by : Prasad Enviro Labs Pvt Ltd
4. Date of Collection : 18.07.2024
5. Particulars of sample collected : Ambient Air Quality Monitoring done as per NAAQS
6. Sample Number : 9401
7. Method adopted : As per NAAQS Methods

Sl. No.	PARAMETERS	UNIT	RESULTS	NAAQS** LIMIT
1.	PM ₁₀	µg/m ³	40.2	100
2.	PM _{2.5}	µg/m ³	26.4	60
3.	Sulphur Dioxide as SO ₂	µg/m ³	6.1	80
4.	Nitrogen Dioxide as NO ₂	µg/m ³	11.2	80

** National Ambient Air Quality Standards

INFERENCE	As per NAAQ Standard:
	Report Status: Results are within limit as Per Standard.

-----End of Report-----

Analysed By

Verified by

Authorized Signatory

Technical Manager
(V. Boobal)

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TEST REPORT

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test Report No: PA/APC-9/6247-Jul'2024

Date: 26.07.2024

1. Name of the Station	:	Near Time Office
2. Name of the Project	:	M/s. Bengaluru Marriott Hotel Whitefield A Unit of Chalet Hotels Ltd, Plot No.75, EPIP Area, BANGALORE-560 066
3. Sample Collected by	:	Prasad Enviro Labs Pvt Ltd
4. Date of Collection	:	18.07.2024
5. Particulars of sample collected	:	Ambient Air Quality Monitoring done as per NAAQS
6. Sample Number	:	9402
7. Method adopted	:	As per NAAQS Methods

Sl. No.	PARAMETERS	UNIT	RESULTS	NAAQS** LIMIT
1.	PM ₁₀	µg/m ³	35.2	100
2.	PM _{2.5}	µg/m ³	23.7	60
3.	Sulphur Dioxide as SO ₂	µg/m ³	5.3	80
4.	Nitrogen Dioxide as NO ₂	µg/m ³	10.6	80

** National Ambient Air Quality Standards

INFERENCE	As per NAAQ Standard:
	Report Status: Results are within limit as Per Standard.

-----End of Report-----

Analysed By

Verified by

Authorized Signatory

Technical Manager
(V. Boobal)

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TEST REPORT

ANALYSIS REPORT OF AMBIENT NOISE LEVEL MONITORING

Test Report No: PA/APC-9/6248-Jul'2024

Date: 26.07.2024

1. Name of the Station : As Given Below
2. Name of the Project : M/s. Marriott Hotel Whitefield
A Unit of Chalet Hotels Ltd
Plot No.75, EPIP Area,
BANGALORE - 560 066.
3. Sample Collected by : Prasad Enviro Labs Pvt Ltd
4. Date of Collection : 18.07.2024
5. Particulars of sample collected : Ambient Noise sampling done around the Plant
6. Date of Sample Receipt : 18.07.2024
7. Sample Number : 9403

Sl. No	Name of Location	KSPCB Limit L _{eq} dB(A) Day Time	Results in L _{eq} dB(A) Day Time
1.	Near Main Entrance	75	67.1
2.	Near Time Office	75	62.3

INFERENCE	As per KSPCB Standard:
	Report Status: Results are within limit as per standard

-----End of Report-----

Analysed By

Verified by

Authorized Signatory

Technical Manager
(V. Boobal)

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TEST REPORT

ANALYSIS REPORT OF AMBIENT NOISE LEVEL MONITORING

Test Report No: PA/APC-9/6249-Jul'2024

Date: 26.07.2024

- | | | |
|------------------------------------|---|-----------------------------------------------------------------------------------------------------------------|
| 1. Name of the Station | : | As Given Below |
| 2. Name of the Project | : | M/s. Marriott Hotel Whitefield
A Unit of Chalet Hotels Ltd
Plot No.75, EPIP Area,
BANGALORE - 560 066. |
| 3. Sample Collected by | : | Prasad Enviro Labs Pvt Ltd |
| 4. Date of Collection | : | 18.07.2024 |
| 5. Particulars of sample collected | : | Ambient Noise sampling done around the Plant |
| 6. Sample Number | : | 9404 |

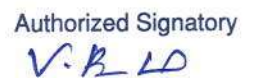
Sl. No	Name of Location	KSPCB Limit Leq dB(A) Night Time	Results in Leq dB(A) Night Time
1.	Near Main Entrance	70	49.8
2.	Near Time Office	70	46.1

INFERENCE	As per KSPCB Standard:
	Report Status: Results are within limit as per standard

-----End of Report-----

Analysed By


Verified by


Authorized Signatory

Technical Manager
(V. Boobal)

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Tel : 2224 0989 / 4173 8382 **Mobile** : 98450 - 34677 **E-mail** : prasadenvirolabs@gmail.com **www.prasadenvirolabs.com**

TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Test Report No: PA/APC-9/6250-Jul'2024

Date: 26.07.2024

1. Name of the Location	:	Raw Water – Domestic
2. Name of the Project	:	M/s. Bengaluru Marriott Hotel Whitefield A Unit of Chalet Hotels Ltd, Plot No.75, EPIP Area, BANGALORE-560 066
3. Sample Collected by	:	Prasad Enviro Labs Pvt Ltd
4. Date of Collection	:	18.07.2024
5. Particulars of sample collected	:	Raw Water – Domestic
6. Date of Sample Receipt	:	18.07.2024
7. Sample Number	:	9405

Sl. No	Parameter	Results	Requirement (Acceptable Limit) IS: 10500:2012	Maximum Permissible Limits in the absence of Alternate source as per IS: 10500:2012	Method of Test, Ref to part of IS: 3025
1.	pH	7.65	6.5 – 8.5	No Relaxation	Part – 11
2.	Colour in Hazen units	< 5.0	5	15	Part – 4
3.	Odour	Agreeable	Agreeable	Agreeable	Part – 5
4.	Turbidity in NTU	0.3	1	5	Part – 10
5.	Total Hardness as CaCO ₃ , in mg/l	185	200	600	Part – 21
6.	Iron as Fe, in mg/l	0.18	0.3	No Relaxation	Part – 53
7.	Chlorides as Cl, in mg/l	189	250	1000	Part – 32
8.	Residual Free Chlorine in mg/l,	Nil	0.2	1	Part – 26
9.	Total Dissolved Solids, in mg/l	450	500	2000	Part – 16
10.	Nitrate, as NO ₃ in mg/l	5.5	45	No Relaxation	Part – 34
11.	Calcium as Ca, in mg/l	56.0	75	200	Part – 40
12.	Magnesium as Mg, in mg/l	18.0	30	100	Part – 46
13.	Copper as Cu, in mg/l	< 0.01	0.05	1.5	Part – 42
14.	Manganese as Mn, in mg/l	< 0.01	0.1	0.3	Part – 59
15.	Sulphate as SO ₄ , in mg/l	24.0	200	400	Part – 24
16.	Mercury, in mg/l	< 0.001	0.001	No Relaxation	Part – 48
17.	Cadmium as Cd, in mg/l	< 0.001	0.003	No Relaxation	Part – 41
18.	Selenium as Se, in mg/l	< 0.01	0.01	No Relaxation	Part – 56
19.	Cyanide as Cn, in mg/l	< 0.01	0.05	No Relaxation	Part – 27
20.	Phosphate as PO ₄ in mg/l	< 0.2	-	-	Part – 31
21.	E. Coli Bacteria	Absent	Absent	Absent	APHA
22.	Total coliform bacteria	Absent	Absent	Absent	APHA

INFERENCE	As per IS: 10500: 2012 Standard:
	Report Status: Results are within limit as per standard

Analysed By
[Signature]

-----End of Report-----
[Signature]

Authorized Signatory
[Signature]
Technical Manager
(V. Boobal)

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PRASAD

ENVIRO LABS PRIVATE LIMITED



Environmental Pollution Testing Services

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Environment (Protection) Act - 1986 vide F. No. LB/99/7/2021-INST LAB-HO-/Pvt-316/13588 Dt. 15.02.2022
10/3, 2nd Floor, Lalbagh Road, Richmond Circle, Bangalore - 560 027.

Tel : 2224 0989 / 4173 8382 Mobile : 98450 - 34677 E-mail : prasadenvirolabs@gmail.com www.prasadenvirolabs.com

TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Test Report No: PA/APC-9/6251-Jul'2024

Date: 26.07.2024

- | | | |
|------------------------------------|---|--------------------------------------------------------------------------------------------------------------------------------|
| 1. Name of the Location | : | Treated Water – Domestic |
| 2. Name of the Project | : | M/s. Bengaluru Marriott Hotel Whitefield
A Unit of Chalet Hotels Ltd,
Plot No.75, EPIP Area,
BANGALORE-560 066 |
| 3. Sample Collected by | : | Prasad Enviro Labs Pvt Ltd |
| 4. Date of Collection | : | 18.07.2024 |
| 5. Particulars of sample collected | : | Treated Water – Domestic |
| 6. Date of Sample Receipt | : | 18.07.2024 |
| 7. Sample Number | : | 9406 |

Sl. No	Parameter	Results	Requirement (Acceptable Limit) IS: 10500:2012	Maximum Permissible Limits in the absence of Alternate source as per IS: 10500:2012	Method of Test, Ref to part of IS: 3025
1.	pH	7.45	6.5 – 8.5	No Relaxation	Part – 11
2.	Colour in Hazen units	< 5.0	5	15	Part – 4
3.	Odour	Agreeable	Agreeable	Agreeable	Part – 5
4.	Turbidity in NTU	Nil	1	5	Part – 10
5.	Total Hardness as CaCO ₃ , in mg/l	64.0	200	600	Part – 21
6.	Iron as Fe, in mg/l	0.14	0.3	No Relaxation	Part – 53
7.	Chlorides as Cl, in mg/l	78	250	1000	Part – 32
8.	Residual Free Chlorine in mg/l,	Nil	0.2	1	Part – 26
9.	Total Dissolved Solids, in mg/l	328	500	2000	Part – 16
10.	Nitrate, as NO ₃ in mg/l	3.5	45	No Relaxation	Part – 34
11.	Calcium as Ca, in mg/l	34.0	75	200	Part – 40
12.	Magnesium as Mg, in mg/l	8.0	30	100	Part – 46
13.	Copper as Cu, in mg/l	< 0.01	0.05	1.5	Part – 42
14.	Manganese as Mn, in mg/l	< 0.01	0.1	0.3	Part – 59
15.	Sulphate as SO ₄ , in mg/l	14.0	200	400	Part – 24
16.	Mercury, in mg/l	< 0.001	0.001	No Relaxation	Part – 48
17.	Cadmium as Cd, in mg/l	< 0.001	0.003	No Relaxation	Part – 41
18.	Selenium as Se, in mg/l	< 0.01	0.01	No Relaxation	Part – 56
19.	Cyanide as Cn, in mg/l	< 0.01	0.05	No Relaxation	Part – 27
20.	E.Coli Bacteria	Absent	Absent	Absent	APHA
21.	Total coliform bacteria	Absent	Absent	Absent	APHA

INFERENCE	As per IS: 10500:2012 Standard:
	Report Status: Results are within limit as per standard

Analysed By
[Signature]

-----End of Report-----
Verified by
[Signature]

Authorized Signatory
[Signature]
Technical Manager
(V. Boobal)

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TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Test Report No: PA/APC-9/6252-Jul'2024

Date: 26.07.2024

1. Name of the Location : Swimming Pool Water
2. Name of the Project : M/s. Bengaluru Marriott Hotel Whitefield
A Unit of Chalet Hotels Ltd,
Plot No.75, EPIP Area,
BANGALORE-560 066
3. Sample Collected by : Prasad Enviro Labs Pvt Ltd
4. Date of Collection : 18.07.2024
5. Particulars of sample collected : Swimming Pool Water
6. Date of Sample Receipt : 18.07.2024
7. Sample Number : 9407


Parameter	Results	IS 3328:1993 (Reaffirmed 2003) Acceptable Limit for Swimming Pool Water	Method of Test, Ref to part of IS: 3025
pH	7.67	7.5 to 8.5	Part - 11
Total Residual Chlorine at Inlet	0.2	0.5	Part - 26
Total Residual Chlorine at Outlet	Nil	0.2	Part - 26
E.Coli Bacteria	Absent	Absent	APHA
Total Plate Count, CFU	Absent	-	APHA

INFERENCE	As per IS 3328:1993 Standard:
	Report Status: Results are within limit as per standard

-----End of Report-----

Analysed By


Verified by


Authorized Signatory

Technical Manager
(V. Boobal)

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TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Test Report No: PA/APC-9/6253-Jul'2024

Date: 26.07.2024

1. Name of the Location	:	Cooling Tower Water
2. Name of the Project	:	M/s. Bengaluru Marriott Hotel Whitefield A Unit of Chalet Hotels Ltd, Plot No.75, EPIP Area, BANGALORE-560 066
3. Sample Collected by	:	Prasad Enviro Labs Pvt Ltd
4. Date of Collection	:	18.07.2024
5. Particulars of sample collected	:	Cooling Tower Water
6. Date of Sample Receipt	:	18.07.2024
7. Sample Number	:	9408

Parameter	Results	Method of Test, Ref to part of IS: 3025
Nitrate, as NO ₃ in mg/l	4.5	Part - 34
Legionella	Absent	APHA
pH	7.41	Part - 11
Total Suspended Solids, ppm	2.0	Part - 17
Electric Conductivity, μ S/cm	1240	Part - 14
Alkalinity, ppm	152	Part - 23
Calcium hardness, ppm	40	Part - 40
Chlorides as Cl, ppm	116	Part - 32
Silica, ppm	0.21	Part - 35
Total bacteria	Absent	APHA

-----End of Report-----

Analysed By



Verified by



Authorized Signatory



Technical Manager
(V. Boobal)

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ENVIRO LABS PRIVATE LIMITED



Environmental Pollution Testing Services

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TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Test Report No: PA/APC-9/6254-Jul'2024

Date: 26.07.2024

1. Name of the Location : Hot Water
2. Name of the Project : M/s. Bengaluru Marriott Hotel Whitefield
A Unit of Chalet Hotels Ltd,
Plot No.75, EPIP Area,
BANGALORE-560 066
3. Sample Collected by : Prasad Enviro Labs Pvt Ltd
4. Date of Collection : 18.07.2024
5. Particulars of sample collected : Hot Water
6. Date of Sample Receipt : 18.07.2024
7. Sample Number : 9409

Sl. No	Parameter	Results	Method of Test, Ref to part of IS: 3025
1.	pH	7.31	Part - 11
2.	Electric Conductivity, $\mu\text{S}/\text{cm}$	252	Part - 14
3.	Acidity in mg/l	Nil	Part - 22
4.	Turbidity in NTU	0.2	Part - 10
5.	Total Hardness as CaCO_3 , in mg/l	24.0	Part - 21
6.	Iron as Fe, in mg/l	0.14	Part - 53
7.	Calcium as Ca, in mg/l	Nil	Part - 40
8.	Silica as ' SiO_2 ', in mg/l	0.18	Part - 35
9.	Legionella	Absent	APHA
10.	Total coliform bacteria	Absent	APHA

-----End of Report-----

Analysed By

Verified by

Authorized Signatory

Technical Manager
(V. Boobal)

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2. In case of dispute our liability is limited to the billed amount received by us.
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4. This certificate shall not be reproduced in part or full and cannot be used as a evidence in the court of law.
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PRASAD
ENVIRO LABS PRIVATE LIMITED



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TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Test Report No: PA/APC-9/6255-Jul'2024

Date: 26.07.2024

1. Name of the Location : Boiler Feed Water
2. Name of the Project : M/s. Bengaluru Marriott Hotel Whitefield
A Unit of Chalet Hotels Ltd,
Plot No.75, EPIP Area,
BANGALORE-560 066
3. Sample Collected by : Prasad Enviro Labs Pvt Ltd
4. Date of Collection : 18.07.2024
5. Particulars of sample collected : Boiler Feed Water
6. Date of Sample Receipt : 18.07.2024
7. Sample Number : 9410

Sl. No	Parameter	Results	Method of Test, Ref to part of IS: 3025
1.	Total Dissolved Solids, in mg/l	312	Part - 16
2.	Electric Conductivity, $\mu\text{S}/\text{cm}$	485	Part - 14
3.	Chloride as 'Cl', in mg/l	82	Part - 32
4.	Turbidity in NTU	1.2	Part - 10
5.	Total Hardness as CaCO_3 , in mg/l	28	Part - 21
6.	Silica as ' SiO_2 ', in mg/l	0.22	Part - 35
7.	E. Coli Bacteria	Absent	APHA
8.	Total coliform bacteria	Absent	APHA

-----End of Report-----

Analysed By

Verified by

Authorized Signatory

Technical Manager
(V. Boobal)

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Environmental Pollution Testing Services

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TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Test Report No: PA/APC-9/6256-Jul'2024

Date: 26.07.2024

- | | | |
|------------------------------------|---|-------------------------------------------------------------------------------------------------------------------------|
| 1. Name of the Location | : | Water body Sample |
| 2. Name of the Project | : | M/s. Bengaluru Marriott Hotel Whitefield
A Unit of Chalet Hotels Ltd,
Plot No.75, EPIP Area,
BANGALORE-560 066 |
| 3. Sample Collected by | : | Prasad Enviro Labs Pvt Ltd |
| 4. Date of Collection | : | 18.07.2024 |
| 5. Particulars of sample collected | : | Water body Sample |
| 6. Date of Sample Receipt | : | 18.07.2024 |
| 7. Sample Number | : | 9411 |

Parameter	Results	Method of Test
Legionella	Absent	APHA

-----End of Report-----

Analysed By



Verified by



Authorized Signatory



Technical Manager
(V. Boobal)

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TEST REPORT

ANALYSIS REPORT OF SEWAGE WATER QUALITY

Test Report No: PA/APC-9/6257-Jul'2024

Date: 26.07.2024

1. Name of the Location : STP Treated Water
2. Name of the Project : M/s. Bengaluru Marriott Hotel Whitefield
A Unit of Chalet Hotels Ltd,
Plot No.75, EPIP Area,
BANGALORE-560 066
3. Sample Collected by : Prasad Enviro Labs Pvt Ltd
4. Date of Collection : 18.07.2024
5. Particulars of sample collected : STP Treated Water
6. Date of Sample Receipt : 18.07.2024
7. Sample Number : 9412

Sl. No	Parameter	Results	KSPCB Tolerance Limits	Method of Test, Ref to part of IS: 3025
1.	pH	7.56	6.5 – 9.0	Part – 11
2.	Colour in Hazen units	< 5.0	5.0	Part – 4
3.	Odour	Acceptable	Acceptable	Part – 5
4.	Suspended Solids, mg/l	5.0	≤ 20	Part – 17
5.	Turbidity in NTU	1.2	2.0	Part – 10
6.	BOD for 3 days @ 27°C, mg/l	6.0	≤ 10	Part – 44
7.	COD in mg/l	28.0	≤ 50	Part – 58
8.	Residual Free Chlorine, mg/l	1.2	> 1.0	Part – 26
9.	Oil and Grease, mg/l	0.9	10	Part – 39
10.	Electric Conductivity, µS/cm	862	2250	Part – 14
11.	Total Dissolved Solids, mg/l	520	2100	Part – 16
12.	Chlorides as Cl, in mg/l	165	350	Part – 32
13.	Total Hardness as CaCO ₃ , in mg/l	128	200	Part – 21
14.	Sodium Absorption Ratio	2.6	60	-
15.	Ammonical Nitrogen, mg/l	3.4	≤ 5	Part – 34
16.	Total Nitrogen, mg/l	7.1	≤ 10	Part – 34
17.	Phosphate as PO ₄ in mg/l	<0.2	-	Part – 31
18.	Fecal Coliform (MPN/100 ml)	Absent	≤ 100	APHA
19.	E.Coli Bacteria	Absent	Absent	APHA
20.	Silica, ppm	0.3	-	Part – 35
21.	Alkalinity, ppm	185	-	Part – 23

INFERENCE	As per KSPCB Standard: Report Status: Results are within limit as per standard
------------------	-----------------------------------------------------------------------------------

-----End of Report-----

Analysed By


Verified by


Authorized Signatory

Technical Manager
(V. Boobal)

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TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Name of the Industry:	Test Report No. PA/APC-9/6258-Jul/2024
M/s. Bengaluru Marriott Hotel Whitefield	Date of Report: 26.07.2024
A Unit of Chalet Hotels Ltd,	Lab Ref: Data Sheet No. 9413/Jul'2024
Plot No.75, EPIP Area,	Page: 1 of 3
BANGALORE-560 066	

Date of sample collected: 18.07.2024

Particulars of Sample: RO Water – Bottling Plant


TEST RESULTS

Sl. No	Parameter	Test Results	Max. Permissible Limit as per IS: 10500:2012	Method of Test
1	pH	7.19	6.5 -8.5	IS:3025 [P-11]
2	*Colour, Hazen	< 5.0	5 Max.	IS:3025 [P-4]
3	*Odour	Agreeable	Agreeable	IS:3025 [P-5]
4	Turbidity, NTU	Nil	1.0 Max.	IS:3025 [P-10]
5	*Taste	Agreeable	Agreeable	IS:3025 [P-7]
6	Total Hardness (CaCO ₃), mg/l	4.0	200 Max.	IS:3025 [P-21]
7	Iron (as Fe), mg/l	< 0.1	0.3 Max.	APHA
8	Chloride (as Cl), mg/l	7.0	250 Max.	IS:3025 [P-32]
9	Residual free Chlorine, mg/l	ND [DL-0.1]	0.2 Max.	IS:3025 [P-26]
10	Total Dissolved Solids, mg/l	45	500 Max.	IS:3025 [P-416]
11	Nitrate (as NO ₃), mg/l	0.3	45 Max.	IS:3025 [P-16]
12	Calcium (as Ca), mg/l	< 2.0	75 Max.	IS:3025 [P-40]
13	Magnesium (as Mg), mg/l	< 1.0	30 Max.	IS:3025 [P-46]
14	*Copper (as Cu), mg/l	ND [DL-0.025]	0.05 Max.	APHA
15	*Manganese (as Mn), mg/l	ND [DL-0.05]	0.1 Max.	APHA
16	Sulphate (as SO ₄), mg/l	< 1.0	200 Max.	IS:3025 [P-24]
17	*Mercury (as Hg), mg/l	ND [DL-0.0005]	0.001 Max.	IS:3025
18	*Cadmium (as Cd), mg/l	ND [DL-0.001]	0.003 Max.	APHA
19	*Selenium (as Se), mg/l	ND [DL-0.005]	0.01 Max.	APHA
20	*Cyanide (as CN), mg/l	ND [DL-0.025]	0.05 Max.	IS:3025 [P-34]

ND=Not Detected; DL= Detection Limit

Analysed By


Verified by


Authorized Signatory

Technical Manager
(V. Boobal)

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TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Name of the Industry:	Test Report No. PA/APC-9/6258-Jul/2024
M/s. Bengaluru Marriott Hotel Whitefield	Date of Report: 26.07.2024
A Unit of Chalet Hotels Ltd,	Lab Ref: Data Sheet No. 9413/Jul'2024
Plot No.75, EPIP Area,	Page: 2 of 3
BANGALORE-560 066	

Date of sample collected: 18.07.2024

Particulars of Sample: RO Water – Bottling Plant

TEST RESULTS

Sl. No	Parameter	Test Results	Max. Permissible Limit as per IS: 10500:2012	Method of Test
21	*Aluminum (as Al), mg/l	ND [DL-0.02]	0.03 Max.	APHA
22	*Ammonia, mg/l	ND [DL-0.2]	0.5 Max.	IS:13428
23	*Anionic detergents (as MBA5), mg/l	ND [DL-0.1]	0.2 Max.	APHA
24	*Barium (as B), mg/l	ND [DL-0.5]	0.7 Max.	APHA
25	*Boron (as B), mg/l	ND [DL-0.25]	0.5 Max.	IS:13428
26	*Chloramines (as C12) , mg/l	ND [DL-2]	4 Max.	APHA
27	*Mineral Oil, mg/l	ND [DL-0.0005]	0.5 Max.	APHA
28	*Phenolic substances (as C6HsOH), mg/l	ND [DL-0.0005]	0.001 Max.	IS:3025 [P-40]
29	*Silver (as Ag) , mg/l	ND [DL-0.05]	0.1 Max.	IS:3025 [P-23]
30	*Sulphide (as H2S) , mg/l	ND [DL-0.02]	0.05 Max.	APHA
31	Fluoride (as F), mg/l	0.09	1.0 Max.	IS:3025
32	*Zinc (as Zn), mg/l	ND [DL-0.1]	5.0 Max.	APHA
33	*Lead (as Pb), mg/l	ND [DL-0.005]	0.01 Max.	APHA
34	*Molybdenum (as Mo) , mg/l	ND [DL-0.02]	0.07 Max.	APHA
35	*Nickel (as Ni) , mg/l	ND [DL-0.01]	0.02 Max.	APHA
36	*Arsenic (as As), mg/l	ND [DL-0.005]	0.01 Max.	IS:3025 [P-24]
37	*Chromium (as Cr), mg/l	ND [DL-0.025]	0.05 Max.	APHA
38	*Polynuclear aromatic hydrocarbons, (as PAH), mg/l	ND [DL-0.0001]	0.0001 Max	APHA
39	Total Alkalinity, mg/l	10	200 Max.	APHA
40	*Pesticides	Absent	-	AOAC

ND=Not Detected; DL= Detection Limit

Analysed By


Verified by


Authorized Signatory

Technical Manager
(V. Boobal)

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Environmental Pollution Testing Services

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Tel : 2224 0989 / 4173 8382 Mobile : 98450 - 34677 E-mail : prasadenvirolabs@gmail.com www.prasadenvirolabs.com

TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Name of the Industry:	Test Report No. PA/APC-9/6258-Jul/2024
M/s. Bengaluru Marriott Hotel Whitefield	Date of Report: 26.07.2024
A Unit of Chalet Hotels Ltd,	Lab Ref: Data Sheet No. 9413/Jul/2024
Plot No.75, EPIP Area,	Page: 1 of 3
BANGALORE-560 066	

Date of sample collected: 18.07.2024

Particulars of Sample: RO Water – Bottling Plant

TEST RESULTS [Microbiological Parameters]

Sl. No	Parameter	Test Results	Max. Permissible Limit as per IS: 10500:2012	Method of Test
1	*Total Coliform / 100 ml	Absent	Shall not be detectable in any 100 ml sample	IS: 1622
2	*E.coli/100 ml	Absent	Shall not be detectable in any 100 ml sample	IS: 1622

INFERENCE	As per IS 10500 Standard: Report Status: The tested sample of water is potable & conforms to IS-10500, Drinking water specification w.r.t. above tests only
-----------	----------------------------------------------------------------------------------------------------------------------------------------------------------------

---End of Report---

Analysed By
[Signature]

Verified by
[Signature]

Authorized Signatory
[Signature]
Technical Manager
(V. Boobal)

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Air - Water - Noise Sampling , Analysis & Testing Laboratory

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TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Name of the Industry: M/s. Bengaluru Marriott Hotel Whitefield A Unit of Chalet Hotels Ltd, Plot No.75, EPIP Area, BANGALORE-560 066	Test Report No. PA/APC-9/6259-Jul/2024 Date of Report: 26.07.2024 Lab Ref: Data Sheet No. 9414/Jul'2024 Page: 1 of 3
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Date of sample collected: 18.07.2024

Particulars of Sample: RO Drinking Water

TEST RESULTS

Sl. No	Parameter	Test Results	Max. Permissible Limit as per IS: 10500:2012	Method of Test
1	pH	7.18	6.5 -8.5	IS:3025 [P-11]
2	*Colour, Hazen	< 5.0	5 Max.	IS:3025 [P-4]
3	*Odour	Agreeable	Agreeable	IS:3025 [P-5]
4	Turbidity, NTU	Nil	1.0 Max.	IS:3025 [P-10]
5	*Taste	Agreeable	Agreeable	IS:3025 [P-7]
6	Total Hardness (CaCO ₃), mg/l	3.0	200 Max.	IS:3025 [P-21]
7	Iron (as Fe), mg/l	< 0.1	0.3 Max.	APHA
8	Chloride (as Cl), mg/l	7.0	250 Max.	IS:3025 [P-32]
9	Residual free Chlorine, mg/l	ND [DL-0.1]	0.2 Max.	IS:3025 [P-26]
10	Total Dissolved Solids, mg/l	41	500 Max.	IS:3025 [P-416]
11	Nitrate (as NO ₃), mg/l	0.2	45 Max.	IS:3025 [P-16]
12	Calcium (as Ca), mg/l	< 2.0	75 Max.	IS:3025 [P-40]
13	Magnesium (as Mg), mg/l	< 1.0	30 Max.	IS:3025 [P-46]
14	*Copper (as Cu), mg/l	ND [DL-0.025]	0.05 Max.	APHA
15	*Manganese (as Mn), mg/l	ND [DL-0.05]	0.1 Max.	APHA
16	Sulphate (as SO ₄), mg/l	< 1.0	200 Max.	IS:3025 [P-24]
17	*Mercury (as Hg), mg/l	ND [DL-0.0005]	0.001 Max.	IS:3025
18	*Cadmium (as Cd), mg/l	ND [DL-0.001]	0.003 Max.	APHA
19	*Selenium (as Se), mg/l	ND [DL-0.005]	0.01 Max.	APHA
20	*Cyanide (as CN), mg/l	ND [DL-0.025]	0.05 Max.	IS:3025 [P-34]

ND=Not Detected; DL= Detection Limit

Analysed By

Verified by

Authorized Signatory

Technical Manager
(V. Boobal)

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TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Name of the Industry: M/s. Bengaluru Marriott Hotel Whitefield A Unit of Chalet Hotels Ltd, Plot No.75, EPIP Area, BANGALORE-560 066	Test Report No. PA/APC-9/6259-Jul/2024 Date of Report: 26.07.2024 Lab Ref: Data Sheet No. 9414/Jul/2024 Page: 2 of 3
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Date of sample collected: 18.07.2024

Particulars of Sample: RO Drinking Water

TEST RESULTS

Sl. No	Parameter	Test Results	Max. Permissible Limit as per IS: 10500:2012	Method of Test
21	*Aluminum (as Al), mg/l	ND [DL-0.02]	0.03 Max.	APHA
22	*Ammonia, mg/l	ND [DL-0.2]	0.5 Max.	IS:13428
23	*Anionic detergents (as MBA5), mg/l	ND [DL-0.1]	0.2 Max.	APHA
24	*Barium (as B), mg/l	ND [DL-0.5]	0.7 Max.	APHA
25	*Boron (as B), mg/l	ND [DL-0.25]	0.5 Max.	IS:13428
26	*Chloramines (as C12) , mg/l	ND [DL-2]	4 Max.	APHA
27	*Mineral Oil, mg/l	ND [DL-0.0005]	0.5 Max.	APHA
28	*Phenolic substances (as C6H5OH), mg/l	ND [DL-0.0005]	0.001 Max.	IS:3025 [P-40]
29	*Silver (as Ag) , mg/l	ND [DL-0.05]	0.1 Max.	IS:3025 [P-23]
30	*Sulphide (as H2S) , mg/l	ND [DL-0.02]	0.05 Max.	APHA
31	Fluoride (as F), mg/l	0.07	1.0 Max.	IS:3025
32	*Zinc (as Zn), mg/l	ND [DL-0.1]	5.0 Max.	APHA
33	*Lead (as Pb), mg/l	ND [DL-0.005]	0.01 Max.	APHA
34	*Molybdenum (as Mo) , mg/l	ND [DL-0.02]	0.07 Max.	APHA
35	*Nickel (as Ni) , mg/l	ND [DL-0.01]	0.02 Max.	APHA
36	*Arsenic (as As), mg/l	ND [DL-0.005]	0.01 Max.	IS:3025 [P-24]
37	*Chromium (as Cr), mg/l	ND [DL-0.025]	0.05 Max.	APHA
38	*Polynuclear aromatic hydrocarbons, (as PAH), mg/l	ND [DL-0.0001]	0.0001 Max	APHA
39	Total Alkalinity, mg/l	9.0	200 Max.	APHA
40	*Pesticides	Absent	-	AOAC

ND=Not Detected; DL= Detection Limit

Analysed By

Verified by

Authorized Signatory

Technical Manager
(V. Boobal)

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TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Name of the Industry:	Test Report No. PA/APC-9/6259-Jul/2024
M/s. Bengaluru Marriott Hotel Whitefield	Date of Report: 26.07.2024
A Unit of Chalet Hotels Ltd,	Lab Ref: Data Sheet No. 9414/Jul'2024
Plot No.75, EPIP Area,	Page: 3 of 3
BANGALORE-560 066	

Date of sample collected: 18.07.2024

Particulars of Sample: RO Drinking Water

TEST RESULTS [Microbiological Parameters]

Sl. No	Parameter	Test Results	Max. Permissible Limit as per IS: 10500:2012	Method of Test
1	*Total Coliform / 100 ml	Absent	Shall not be detectable in any 100 ml sample	IS: 1622
2	*E.coli/100 ml	Absent	Shall not be detectable in any 100 ml sample	IS: 1622

INFERENCE	As per IS 10500 Standard: Report Status: The tested sample of water is potable & conforms to IS-10500, Drinking water specification w.r.t. above tests only
------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

----End of Report----

Analysed By
[Signature]

Verified by
[Signature]

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Technical Manager
(V. Boobal)

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TEST REPORT

ANALYSIS REPORT OF SOURCE EMISSION

Test Report No: PA/APC-9/6762-Aug'2024

Date: 17.08.2024

Name of the Industry : **M/s. Marriott Hotel Whitefield**
A Unit of Chalet Hotels Ltd
Plot No.75, EPIP Area,
BANGALORE - 560 066.

Stack Id : 1500 KVA DG Set -1

Sample Collected by : Prasad Enviro Labs Pvt Ltd

Date of Collection : 07.08.2024

Particulars of Sample Collected : Stack Emission Monitoring

Date of sample Receipt : 07.08.2024

Sample Number : 9971

GENERAL DETAILS

Date of Monitoring	07.08.2024
Stack Diameters in mm	250
Area of Cross Section of Stack in M ²	0.049
Flue Gas Temperature in degree Celsius	230
Exit Velocity of Gas in Mts/Sec	8.0
Rate of discharge quantity of gas in m ³ /hr	1411.2

RESULTS

Parameters	Protocol	Unit	Results	Standard
Particulate Matter (PM)	IS:11255 (P-1) 1985	mg/Nm ³	32.7 ✓	75
Sulphur Dioxides (SO ₂)	Flue Gas Analyzer	mg/m ³	9.4 ✓	**
Oxides of Nitrogen (NO _x)	Flue Gas Analyzer	mg/m ³	13.9 ✓	710
Non-Methane Hydrocarbon (NMHC)*	Flue Gas Analyzer	mg/m ³	8.6 ✓	100
Carbon Monoxide (CO)*	Flue Gas Analyzer	mg/m ³	12.2 ✓	150

** Limit Not Specified

INFERENCE	As per KSPCB Standard:
	Report Status: Results are within limit as per standard

-----End of Report-----

Analysed By

Verified by

Authorized Signatory

V. B. L. S.

Technical Manager
(V. Boobal)

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TEST REPORT

ANALYSIS REPORT OF SOURCE EMISSION

Date: 17.08.2024

Test Report No: PA/APC-9/6763-Aug'2024

Name of the Industry : M/s. Marriott Hotel Whitefield
A Unit of Chalet Hotels Ltd
Plot No.75, EPIP Area,
BANGALORE - 560 066.

Stack Id : 1500 KVA DG Set -2
Sample Collected by : Prasad Enviro Labs Pvt Ltd
Date of Collection : 07.08.2024
Particulars of Sample Collected: : Stack Emission Monitoring
Date of sample Receipt : 07.08.2024
Sample Number : 9972

GENERAL DETAILS

Date of Monitoring	07.08.2024
Stack Diameters in mm	250
Area of Cross Section of Stack in M ²	0.049
Flue Gas Temperature in degree Celsius	233
Exit Velocity of Gas in Mts/Sec	7.8
Rate of discharge quantity of gas in m ³ /hr	1375.92

RESULTS

Parameters	Protocol	Unit	Results	Standard
Particulate Matter (PM)	IS:11255 (P-1) 1985	mg/Nm ³	30.7 ✓	75
Sulphur Dioxides (SO ₂)	Flue Gas Analyzer	mg/m ³	8.9 ✓	**
Oxides of Nitrogen (NO _x)	Flue Gas Analyzer	mg/m ³	13.2 ✓	710
Non-Methane Hydrocarbon (NMHC)*	Flue Gas Analyzer	mg/m ³	8.2 ✓	100
Carbon Monoxide (CO)*	Flue Gas Analyzer	mg/m ³	11.9 ✓	150

** Limit Not Specified

INFERENCE	As per KSPCB Standard: Report Status: Results are within limit as per standard
-----------	-----------------------------------------------------------------------------------

-----End of Report-----

Analysed By

Verified by

Authorized Signatory

V. B. Boobal

Technical Manager
(V. Boobal)

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TEST REPORT

ANALYSIS REPORT OF SOURCE EMISSION

Test Report No: PA/APC-9/6764-Aug'2024

Date: 17.08.2024

Name of the Industry : M/s. Marriott Hotel Whitefield
A Unit of Chalet Hotels Ltd
Plot No.75, EPIP Area,
BANGALORE - 560 066.

Stack Id : Boiler
Sample Collected by : Prasad Enviro Labs Pvt Ltd
Date of Collection : 07.08.2024
Particulars of Sample Collected: : Stack Emission Monitoring
Date of sample Receipt : 07.08.2024
Sample Number : 9973

GENERAL DETAILS

Date of Monitoring	07.08.2024
Stack Diameters in mm	380
Area of Cross Section of Stack in M ²	0.113
Flue Gas Temperature in degree Celsius	120
Exit Velocity of Gas in Mts/Sec	6.3
Rate of discharge quantity of gas in m ³ /hr	2562.84

RESULTS

Parameters	Protocol	Unit	Results	Standard
Particulate Matter (PM)	IS:11255 (P-1) 1985	mg/Nm ³	18.0 ✓	150
Sulphur Dioxides (SO ₂)	Flue Gas Analyzer	mg/m ³	3.4 ✓	**
Oxides of Nitrogen (NO _x)	Flue Gas Analyzer	mg/m ³	6.9 ✓	**

** Limit Not Specified

INFERENCE	As per KSPCB Standard:
	Report Status: Results are within limit as per standard

-----End of Report-----

Analysed By

Verified by

Authorized Signatory

V. B. L. D.

Technical Manager
(V. Boobal)

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TEST REPORT

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test Report No: PA/APC-9/6765-Aug'2024

Date: 17.08.2024

1. Name of the Station : Near Main Entrance
2. Name of the Project : M/s. Bengaluru Marriott Hotel Whitefield
A Unit of Chalet Hotels Ltd,
Plot No.75, EPIP Area,
BANGALORE-560 066
3. Sample Collected by : Prasad Enviro Labs Pvt Ltd
4. Date of Collection : 07.08.2024
5. Particulars of sample collected : Ambient Air Quality Monitoring done as per NAAQS
6. Sample Number : 9974
7. Method adopted : As per NAAQS Methods

Sl. No.	PARAMETERS	UNIT	RESULTS	NAAQS** LIMIT
1.	PM ₁₀	µg/m ³	43.5 ✓	100
2.	PM _{2.5}	µg/m ³	28.2 ✓	60
3.	Sulphur Dioxide as SO ₂	µg/m ³	6.3 ✓	80
4.	Nitrogen Dioxide as NO ₂	µg/m ³	11.7 ✓	80

** National Ambient Air Quality Standards

INFERENCE	As per NAAQ Standard:
	Report Status: Results are within limit as Per Standard.

-----End of Report-----

Analysed By

Verified by

Authorized Signatory

V. B. I. D.

Technical Manager
(V. Boobal)

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TEST REPORT

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test Report No: PA/APC-9/6766-Aug'2024

Date: 17.08.2024

1. Name of the Station : Near Time Office
2. Name of the Project : M/s. Bengaluru Marriott Hotel Whitefield
A Unit of Chalet Hotels Ltd,
Plot No.75, EPIP Area,
BANGALORE-560 066
3. Sample Collected by : Prasad Enviro Labs Pvt Ltd
4. Date of Collection : 07.08.2024
5. Particulars of sample collected : Ambient Air Quality Monitoring done as per NAAQS
6. Sample Number : 9975
7. Method adopted : As per NAAQS Methods

Sl. No.	PARAMETERS	UNIT	RESULTS	NAAQS** LIMIT
1.	PM ₁₀	µg/m ³	37.9	100
2.	PM _{2.5}	µg/m ³	24.3	60
3.	Sulphur Dioxide as SO ₂	µg/m ³	5.8	80
4.	Nitrogen Dioxide as NO ₂	µg/m ³	10.9	80

** National Ambient Air Quality Standards

INFERENCE	As per NAAQ Standard: Report Status: Results are within limit as Per Standard.
-----------	-----------------------------------------------------------------------------------

-----End of Report-----

Analysed By

Verified by

Authorized Signatory

V.B.I.D

Technical Manager
(V. Boobal)

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TEST REPORT

ANALYSIS REPORT OF AMBIENT NOISE LEVEL MONITORING

Test Report No: PA/APC-9/6767-Aug'2024

Date: 17.08.2024

1. Name of the Station : As Given Below
2. Name of the Project : M/s. Marriott Hotel Whitefield
A Unit of Chalet Hotels Ltd
Plot No.75, EPIP Area,
BANGALORE - 560 066.
3. Sample Collected by : Prasad Enviro Labs Pvt Ltd
4. Date of Collection : 07.08.2024
5. Particulars of sample collected : Ambient Noise sampling done around the Plant
6. Date of Sample Receipt : 07.08.2024
7. Sample Number : 9976

Sl. No	Name of Location	KSPCB Limit Leq dB(A) Day Time	Results in Leq dB(A) Day Time
1.	Near Main Entrance	75	68.6
2.	Near Time Office	75	61.2

INFERENCE	As per KSPCB Standard:
	Report Status: Results are within limit as per standard

-----End of Report-----

Analysed By

Verified by

Authorized Signatory

V.B.L.D

Technical Manager
(V. Boobal)

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TEST REPORT

ANALYSIS REPORT OF AMBIENT NOISE LEVEL MONITORING

Test Report No: PA/APC-9/6768-Aug'2024

Date: 17.08.2024

1. Name of the Station : As Given Below
2. Name of the Project : M/s. Marriott Hotel Whitefield
A Unit of Chalet Hotels Ltd
Plot No.75, EPIP Area,
BANGALORE - 560 066.
3. Sample Collected by : Prasad Enviro Labs Pvt Ltd
4. Date of Collection : 07.08.2024
5. Particulars of sample collected : Ambient Noise sampling done around the Plant
6. Sample Number : 9977

Sl. No	Name of Location	KSPCB Limit Leq dB(A) Night Time	Results in Leq dB(A) Night Time
1.	Near Main Entrance	70	50.2
2.	Near Time Office	70	48.4

INFERENCE	As per KSPCB Standard: Report Status: Results are within limit as per standard
-----------	-----------------------------------------------------------------------------------

-----End of Report-----

Analysed By

Verified by

Authorized Signatory

V. Boobal

Technical Manager
(V. Boobal)

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Tel : 2224 0989 / 4173 8382 Mobile : 98450 - 34677 E-mail : prasadenvirolabs@gmail.com www.prasadenvirolabs.com

TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Test Report No: PA/APC-9/6769-Aug'2024

Date: 17.08.2024

1. Name of the Location : Raw Water – Domestic
2. Name of the Project : M/s. Bengaluru Marriott Hotel Whitefield
A Unit of Chalet Hotels Ltd,
Plot No.75, EPIP Area,
BANGALORE-560 066
3. Sample Collected by : Prasad Enviro Labs Pvt Ltd
4. Date of Collection : 07.08.2024
5. Particulars of sample collected : Raw Water – Domestic
6. Date of Sample Receipt : 07.08.2024
7. Sample Number : 9978

Sl. No	Parameter	Results	Requirement (Acceptable Limit) IS: 10500:2012	Maximum Permissible Limits in the absence of Alternate source as per IS: 10500:2012	Method of Test, Ref to part of IS: 3025
1.	pH	7.68 ✓	6.5 – 8.5	No Relaxation	Part – 11
2.	*Colour in Hazen units	< 5.0 ✓	5	15	Part – 4
3.	*Odour	Agreeable ✓	Agreeable	Agreeable	Part – 5
4.	Turbidity in NTU	0.4 ✓	1	5	Part – 10
5.	Total Hardness as CaCO ₃ , in mg/l	177 ✓	200	600	Part – 21
6.	Iron as Fe, in mg/l	0.16 ✓	0.3	No Relaxation	Part – 53
7.	Chlorides as Cl, in mg/l	182 ✓	250	1000	Part – 32
8.	Residual Free Chlorine in mg/l,	Nil ✓	0.2	1	Part – 26
9.	Total Dissolved Solids, in mg/l	474 ✓	500	2000	Part – 16
10.	Nitrate, as NO ₃ in mg/l	6.0 ✓	45	No Relaxation	Part – 34
11.	Calcium as Ca, in mg/l	62.0 ✓	75	200	Part – 40
12.	Magnesium as Mg, in mg/l	20.0 ✓	30	100	Part – 46
13.	*Copper as Cu, in mg/l	< 0.01 ✓	0.05	1.5	Part – 42
14.	*Manganese as Mn, in mg/l	< 0.01 ✓	0.1	0.3	Part – 59
15.	Sulphate as SO ₄ , in mg/l	26.0 ✓	200	400	Part – 24
16.	*Mercury, in mg/l	< 0.001 ✓	0.001	No Relaxation	Part – 48
17.	Cadmium as Cd, in mg/l	< 0.001 ✓	0.003	No Relaxation	Part – 41
18.	*Selenium as Se, in mg/l	< 0.01 ✓	0.01	No Relaxation	Part – 56
19.	*Cyanide as Cn, in mg/l	< 0.01 ✓	0.05	No Relaxation	Part – 27
20.	*Phosphate as PO ₄ in mg/l	< 0.2 ✓	-	-	Part – 31
21.	*E.Coli Bacteria	Absent ✓	Absent	Absent	APHA
22.	*Total coliform bacteria	Absent ✓	Absent	Absent	APHA

INFERENCE

As per IS: 10500: 2012 Standard:

Report Status: Results are within limit as per standard

Analysed By

-----End of Report-----

Authorized Signatory

V. B. L.

Technical Manager
(V. Boobal)

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Air - Water - Noise Sampling , Analysis & Testing Laboratory

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TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Test Report No: PA/APC-9/6770-Aug'2024

Date: 17.08.2024

1. Name of the Location	:	Treated Water – Domestic
2. Name of the Project	:	M/s. Bengaluru Marriott Hotel Whitefield A Unit of Chalet Hotels Ltd, Plot No.75, EPIP Area, BANGALORE-560 066
3. Sample Collected by	:	Prasad Enviro Labs Pvt Ltd
4. Date of Collection	:	07.08.2024
5. Particulars of sample collected	:	Treated Water – Domestic
6. Date of Sample Receipt	:	07.08.2024
7. Sample Number	:	9979

Sl. No	Parameter	Results	Requirement (Acceptable Limit) IS: 10500:2012	Maximum Permissible Limits in the absence of Alternate source as per IS: 10500:2012	Method of Test, Ref to part of IS: 3025
1.	pH	7.51 ✓	6.5 – 8.5	No Relaxation	Part – 11
2.	*Colour in Hazen units	< 5.0 ✓	5	15	Part – 4
3.	*Odour	Agreeable ✓	Agreeable	Agreeable	Part – 5
4.	Turbidity in NTU	Nil ✓	1	5	Part – 10
5.	Total Hardness as CaCO ₃ , in mg/l	68.0 ✓	200	600	Part – 21
6.	Iron as Fe, in mg/l	0.12 ✓	0.3	No Relaxation	Part – 53
7.	Chlorides as Cl, in mg/l	84 ✓	250	1000	Part – 32
8.	Residual Free Chlorine in mg/l,	Nil ✓	0.2	1	Part – 26
9.	Total Dissolved Solids, in mg/l	362 ✓	500	2000	Part – 16
10.	Nitrate, as NO ₃ in mg/l	4.0 ✓	45	No Relaxation	Part – 34
11.	Calcium as Ca, in mg/l	36.0 ✓	75	200	Part – 40
12.	Magnesium as Mg, in mg/l	10.0 ✓	30	100	Part – 46
13.	*Copper as Cu, in mg/l	< 0.01 ✓	0.05	1.5	Part – 42
14.	*Manganese as Mn, in mg/l	< 0.01 ✓	0.1	0.3	Part – 59
15.	Sulphate as SO ₄ , in mg/l	18.0 ✓	200	400	Part – 24
16.	*Mercury, in mg/l	< 0.001 ✓	0.001	No Relaxation	Part – 48
17.	*Cadmium as Cd, in mg/l	< 0.001 ✓	0.003	No Relaxation	Part – 41
18.	*Selenium as Se, in mg/l	< 0.01 ✓	0.01	No Relaxation	Part – 56
19.	*Cyanide as Cn, in mg/l	< 0.01 ✓	0.05	No Relaxation	Part – 27
20.	*E.Coli Bacteria	Absent ✓	Absent	Absent	APHA
21.	*Total coliform bacteria	Absent ✓	Absent	Absent	APHA

INFERENCE	As per IS: 10500:2012 Standard: Report Status: Results are within limit as per standard
------------------	--------------------------------------------------------------------------------------------

Analysed By

-----End of Report-----
Verified by

Authorized Signatory

Technical Manager
(V. Boobal)

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TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Test Report No: PA/APC-9/6771-Aug'2024

Date: 17.08.2024

- | | | |
|------------------------------------|---|-------------------------------------------------------------------------------------------------------------------------|
| 1. Name of the Location | : | Swimming Pool Water |
| 2. Name of the Project | : | M/s. Bengaluru Marriott Hotel Whitefield
A Unit of Chalet Hotels Ltd,
Plot No.75, EPIP Area,
BANGALORE-560 066 |
| 3. Sample Collected by | : | Prasad Enviro Labs Pvt Ltd |
| 4. Date of Collection | : | 07.08.2024 |
| 5. Particulars of sample collected | : | Swimming Pool Water |
| 6. Date of Sample Receipt | : | 07.08.2024 |
| 7. Sample Number | : | 9980 |

Parameter	Results	IS 3328:1993 (Reaffirmed 2003) Acceptable Limit for Swimming Pool Water	Method of Test, Ref to part of IS: 3025
pH	7.62 ✓	7.5 to 8.5	Part - 11
Total Residual Chlorine at Inlet	0.3 ✓	0.5	Part - 26
Total Residual Chlorine at Outlet	Nil ✓	0.2	Part - 26
*E.Coli Bacteria	Absent ✓	Absent	APHA
*Total Plate Count, CFU	Absent ✓	-	APHA

INFERENCE	As per IS 3328:1993 Standard:
	Report Status: Results are within limit as per standard

-----End of Report-----

Analysed By

Verified by

Authorized Signatory

V.B.L.D

Technical Manager
(V. Boobal)

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TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Test Report No: PA/APC-9/6772-Aug'2024

Date: 17.08.2024

1. Name of the Location : Cooling Tower Water
2. Name of the Project : M/s. Bengaluru Marriott Hotel Whitefield
A Unit of Chalet Hotels Ltd,
Plot No.75, EPIP Area,
BANGALORE-560 066
3. Sample Collected by : Prasad Enviro Labs Pvt Ltd
4. Date of Collection : 07.08.2024
5. Particulars of sample collected : Cooling Tower Water
6. Date of Sample Receipt : 07.08.2024
7. Sample Number : 9981

Parameter	Results	Method of Test, Ref to part of IS: 3025
Nitrate, as NO ₃ in mg/l	4.0 ✓	Part - 34
*Legionella	Absent ✓	APHA
pH	7.45 ✓	Part - 11
Total Suspended Solids, ppm	2.0 ✓	Part - 17
Electric Conductivity, µS/cm	1130 ✓	Part - 14
Alkalinity, ppm	146 ✓	Part - 23
Calcium hardness, ppm	38 ✓	Part - 40
Chlorides as Cl, ppm	105 ✓	Part - 32
*Silica, ppm	0.19 ✓	Part - 35
*Total bacteria	Absent ✓	APHA

-----End of Report-----

Analysed By

Verified by

Authorized Signatory

V. Boobal

Technical Manager
(V. Boobal)

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TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Test Report No: PA/APC-9/6773-Aug'2024

Date: 17.08.2024

1. Name of the Location : Hot Water
2. Name of the Project : M/s. Bengaluru Marriott Hotel Whitefield
A Unit of Chalet Hotels Ltd,
Plot No.75, EPIP Area,
BANGALORE-560 066
3. Sample Collected by : Prasad Enviro Labs Pvt Ltd
4. Date of Collection : 07.08.2024
5. Particulars of sample collected : Hot Water
6. Date of Sample Receipt : 07.08.2024
7. Sample Number : 9982

Sl. No	Parameter	Results	Method of Test, Ref to part of IS: 3025
1.	pH	7.28 ✓	Part - 11
2.	Electric Conductivity, $\mu\text{S}/\text{cm}$	248 ✓	Part - 14
3.	*Acidity in mg/l	Nil ✓	Part - 22
4.	Turbidity in NTU	0.2 ✓	Part - 10
5.	Total Hardness as CaCO_3 , in mg/l	28.0 ✓	Part - 21
6.	Iron as Fe, in mg/l	0.12 ✓	Part - 53
7.	Calcium as Ca, in mg/l	Nil ✓	Part - 40
8.	*Silica as ' SiO_2 ', in mg/l	0.15 ✓	Part - 35
9.	*Legionella	Absent ✓	APHA
10.	*Total coliform bacteria	Absent ✓	APHA

-----End of Report-----

Analysed By

Verified by

Authorized Signatory

V.B.L.D

Technical Manager
(V. Boobal)

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TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Test Report No: PA/APC-9/6774-Aug'2024

Date: 17.08.2024

1. Name of the Location : Boiler Feed Water
2. Name of the Project : M/s. Bengaluru Marriott Hotel Whitefield
A Unit of Chalet Hotels Ltd,
Plot No.75, EPIP Area,
BANGALORE-560 066
3. Sample Collected by : Prasad Enviro Labs Pvt Ltd
4. Date of Collection : 07.08.2024
5. Particulars of sample collected : Boiler Feed Water
6. Date of Sample Receipt : 07.08.2024
7. Sample Number : 9983

Sl. No	Parameter	Results	Method of Test, Ref to part of IS: 3025
1.	Total Dissolved Solids, in mg/l	322 ✓	Part - 16
2.	Electric Conductivity, μ S/cm	497 ✓	Part - 14
3.	Chloride as 'Cl', in mg/l	88 ✓	Part - 32
4.	Turbidity in NTU	1.4 ✓	Part - 10
5.	Total Hardness as CaCO_3 , in mg/l	32 ✓	Part - 21
6.	*Silica as ' SiO_2 ', in mg/l	0.24 ✓	Part - 35
7.	*E. Coli Bacteria	Absent ✓	APHA
8.	*Total coliform bacteria	Absent ✓	APHA

-----End of Report-----

Analysed By

Verified by

Authorized Signatory

V. B. L.

Technical Manager
(V. Boobal)

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TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Test Report No: PA/APC-9/6775-Aug'2024

Date: 17.08.2024

1. Name of the Location : Water body Sample
2. Name of the Project : M/s. Bengaluru Marriott Hotel Whitefield
A Unit of Chalet Hotels Ltd,
Plot No.75, EPIP Area,
BANGALORE-560 066
3. Sample Collected by : Prasad Enviro Labs Pvt Ltd
4. Date of Collection : 07.08.2024
5. Particulars of sample collected : Water body Sample
6. Date of Sample Receipt : 07.08.2024
7. Sample Number : 9984

Parameter	Results	Method of Test
*Legionella	Absent ✓	APHA

-----End of Report-----

Analysed By

Verified by

Authorized Signatory

V. B. Boobal

Technical Manager
(V. Boobal)

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TEST REPORT

ANALYSIS REPORT OF SEWAGE WATER QUALITY

Test Report No: PA/APC-9/6776-Aug'2024

Date: 17.08.2024

1. Name of the Location : STP Treated Water
2. Name of the Project : M/s. Bengaluru Marriott Hotel Whitefield
A Unit of Chalet Hotels Ltd,
Plot No.75, EPIP Area,
BANGALORE-560 066
3. Sample Collected by : Prasad Enviro Labs Pvt Ltd
4. Date of Collection : 07.08.2024
5. Particulars of sample collected : STP Treated Water
6. Date of Sample Receipt : 07.08.2024
7. Sample Number : 9985

Sl. No	Parameter	Results	KSPCB Tolerance Limits	Method of Test, Ref to part of IS: 3025
1.	pH	7.59 ✓	6.5 – 9.0	Part – 11
2.	*Colour in Hazen units	< 5.0 ✓	5.0	Part – 4
3.	*Odour	Acceptable ✓	Acceptable	Part – 5
4.	Suspended Solids, mg/l	6.0 ✓	≤ 20	Part – 17
5.	Turbidity in NTU	1.4 ✓	2.0	Part – 10
6.	BOD for 3 days @ 27°C, mg/l	5.0 ✓	≤ 10	Part – 44
7.	COD in mg/l	32.0 ✓	≤ 50	Part – 58
8.	Residual Free Chlorine, mg/l	1.1 ✓	> 1.0	Part – 26
9.	Oil and Grease, mg/l	0.7 ✓	10	Part – 39
10.	Electric Conductivity, µS/cm	887 ✓	2250	Part – 14
11.	Total Dissolved Solids, mg/l	539 ✓	2100	Part – 16
12.	Chlorides as Cl, in mg/l	170 ✓	350	Part – 32
13.	Total Hardness as CaCO ₃ , in mg/l	132 ✓	200	Part – 21
14.	*Sodium Absorption Ratio	2.8 ✓	60	-
15.	*Ammonical Nitrogen, mg/l	3.0 ✓	≤ 5	Part – 34
16.	*Total Nitrogen, mg/l	6.8 ✓	≤ 10	Part – 34
17.	*Phosphate as PO ₄ in mg/l	<0.2 ✓	-	Part – 31
18.	*Fecal Coliform (MPN/100 ml)	Absent ✓	≤ 100	APHA
19.	*E.Coli Bacteria	Absent ✓	Absent	APHA
20.	*Silica, ppm	0.25 ✓	-	Part – 35
21.	Alkalinity, ppm	170 ✓	-	Part – 23

INFERENCE	As per KSPCB Standard:
	Report Status: Results are within limit as per standard

-----End of Report-----

Analysed By

Verified by

Authorized Signatory

V. B. B.

Technical Manager
(V. Boobal)

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TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Name of the Industry:	Test Report No.: PA/APC-9/6777-Aug/2024
M/s. Bengaluru Marriott Hotel Whitefield	Date of Report: 17.08.2024
A Unit of Chalet Hotels Ltd,	Lab Ref: Data Sheet No. 9986/Aug'2024
Plot No.75, EPIP Area, Bangalore - 560 066	Page: 1 of 3
Date of sample collected: 07.08.2024	

Particulars of Sample: RO Drinking Water

TEST RESULTS

Sl. No	Parameter	Test Results	Max. Permissible Limit as per IS: 10500:2012	Method of Test
1	pH	7.21 ✓	6.5 - 8.5	IS:3025 [P-11]
2	*Colour, Hazen	< 5.0 ✓	5 Max.	IS:3025 [P-4]
3	*Odour	Agreeable ✓	Agreeable	IS:3025 [P-5]
4	Turbidity, NTU	Nil ✓	1.0 Max.	IS:3025 [P-10]
5	*Taste	Agreeable ✓	Agreeable	IS:3025 [P-7]
6	Total Hardness (CaCO ₃), mg/l	4.0 ✓	200 Max.	IS:3025 [P-21]
7	Iron (as Fe), mg/l	< 0.1 ✓	0.3 Max.	APHA
8	Chloride (as Cl), mg/l	9.0 ✓	250 Max.	IS:3025 [P-32]
9	Residual free Chlorine, mg/l	ND [DL-0.1] ✓	0.2 Max.	IS:3025 [P-26]
10	Total Dissolved Solids, mg/l	46 ✓	500 Max.	IS:3025 [P-416]
11	Nitrate (as NO ₃), mg/l	0.3 ✓	45 Max.	IS:3025 [P-16]
12	Calcium (as Ca), mg/l	< 2.0 ✓	75 Max.	IS:3025 [P-40]
13	Magnesium (as Mg), mg/l	< 1.0 ✓	30 Max.	IS:3025 [P-46]
14	*Copper (as Cu), mg/l	ND [DL-0.025] ✓	0.05 Max.	APHA
15	*Manganese (as Mn), mg/l	ND [DL-0.05] ✓	0.1 Max.	APHA
16	Sulphate (as SO ₄), mg/l	< 1.0 ✓	200 Max.	IS:3025 [P-24]
17	*Mercury (as Hg), mg/l	ND [DL-0.0005] ✓	0.001 Max.	IS:3025
18	*Cadmium (as Cd), mg/l	ND [DL-0.001] ✓	0.003 Max.	APHA
19	*Selenium (as Se), mg/l	ND [DL-0.005] ✓	0.01 Max.	APHA
20	*Cyanide (as CN), mg/l	ND [DL-0.025] ✓	0.05 Max.	IS:3025 [P-34]

ND=Not Detected; DL= Detection Limit

Analysed By

Verified by

Authorized Signatory

V. B. L. S.

Technical Manager
(V. Boobal)

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Tel : 2224 0989 / 4173 8382 Mobile : 98450 - 34677 E-mail : prasadenvirolabs@gmail.com www.prasadenvirolabs.com

TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Name of the Industry:	Test Report No.: PA/APC-9/6777-Aug/2024
M/s. Bengaluru Marriott Hotel Whitefield	Date of Report: 17.08.2024
A Unit of Chalet Hotels Ltd,	Lab Ref: Data Sheet No. 9986/Aug'2024
Plot No.75, EPIP Area, Bangalore - 560 066	Page: 2 of 3

Date of sample collected: 07.08.2024

Particulars of Sample: RO Drinking Water

TEST RESULTS

Sl. No	Parameter	Test Results	Max. Permissible Limit as per IS: 10500:2012	Method of Test
21	*Aluminum (as Al), mg/l	ND [DL-0.02] ✓	0.03 Max.	APHA
22	*Ammonia, mg/l	ND [DL-0.2] ✓	0.5 Max.	IS:13428
23	*Anionic detergents (as MBAS), mg/l	ND [DL-0.1] ✓	0.2 Max.	APHA
24	*Barium (as B), mg/l	ND [DL-0.5] ✓	0.7 Max.	APHA
25	*Boron (as B), mg/l	ND [DL-0.25] ✓	0.5 Max.	IS:13428
26	*Chloramines (as C12) , mg/l	ND [DL-2] ✓	4 Max.	APHA
27	*Mineral Oil, mg/l	ND [DL-0.0005] ✓	0.5 Max.	APHA
28	*Phenolic substances (as C6H5OH), mg/l	ND [DL-0.0005] ✓	0.001 Max.	IS:3025 [P-40]
29	*Silver (as Ag) , mg/l	ND [DL-0.05] ✓	0.1 Max.	IS:3025 [P-23]
30	*Sulphide (as H2S) , mg/l	ND [DL-0.02] ✓	0.05 Max.	APHA
31	Fluoride (as F), mg/l	0.09 ✓	1.0 Max.	IS:3025
32	*Zinc (as Zn), mg/l	ND [DL-0.1] ✓	5.0 Max.	APHA
33	*Lead (as Pb), mg/l	ND [DL-0.005] ✓	0.01 Max.	APHA
34	*Molybdenum (as Mo) , mg/l	ND [DL-0.02] ✓	0.07 Max.	APHA
35	*Nickel (as Ni) , mg/l	ND [DL-0.01] ✓	0.02 Max.	APHA
36	*Arsenic (as As), mg/l	ND [DL-0.005] ✓	0.01 Max.	IS:3025 [P-24]
37	*Chromium (as Cr), mg/l	ND [DL-0.025] ✓	0.05 Max.	APHA
38	*Polynuclear aromatic hydrocarbons, (as PAH), mg/l	ND [DL-0.0001] ✓	0.0001 Max	APHA
39	Total Alkalinity, mg/l	11.0 ✓	200 Max.	APHA
40	*Pesticides	Absent ✓	-	AOAC

ND=Not Detected; DL= Detection Limit

Analysed By

Verified by

Authorized Signatory

V. B. L. D

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Plot No.75, EPIP Area, Bangalore - 560 066	Page: 3 of 3

Date of sample collected: 07.08.2024

Particulars of Sample: RO Drinking Water

TEST RESULTS [Microbiological Parameters]

Sl. No	Parameter	Test Results	Max. Permissible Limit as per IS: 10500:2012	Method of Test
1	*Total Coliform / 100 ml	Absent	Shall not be detectable in any 100 ml sample	IS: 1622
2	*E.coli/100 ml	Absent	Shall not be detectable in any 100 ml sample	IS: 1622

INFERENCE	As per IS 10500 Standard:
	Report Status: The tested sample of water is potable & conforms to IS-10500, Drinking water specification w.r.t. above tests only

----End of Report----

Analysed By

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M/s. Bengaluru Marriott Hotel Whitefield	Date of Report: 17.08.2024
A Unit of Chalet Hotels Ltd,	Lab Ref: Data Sheet No. 9987/Aug'2024
Plot No.75, EPIP Area, Bangalore - 560 066	Page: 1 of 3
Date of sample collected: 07.08.2024	

Particulars of Sample: RO Water – Bottling Plant

TEST RESULTS

Sl. No	Parameter	Test Results	Max. Permissible Limit as per IS: 10500:2012	Method of Test
1	pH	7.22	6.5 -8.5	IS:3025 [P-11]
2	*Colour, Hazen	< 5.0	5 Max.	IS:3025 [P-4]
3	*Odour	Agreeable	Agreeable	IS:3025 [P-5]
4	Turbidity, NTU	Nil	1.0 Max.	IS:3025 [P-10]
5	*Taste	Agreeable	Agreeable	IS:3025 [P-7]
6	Total Hardness (CaCO ₃), mg/l	3.0	200 Max.	IS:3025 [P-21]
7	Iron (as Fe), mg/l	< 0.1	0.3 Max.	APHA
8	Chloride (as Cl), mg/l	8.0	250 Max.	IS:3025 [P-32]
9	Residual free Chlorine, mg/l	ND [DL-0.1]	0.2 Max.	IS:3025 [P-26]
10	Total Dissolved Solids, mg/l	47	500 Max.	IS:3025 [P-416]
11	Nitrate (as NO ₃), mg/l	0.4	45 Max.	IS:3025 [P-16]
12	Calcium (as Ca), mg/l	< 2.0	75 Max.	IS:3025 [P-40]
13	Magnesium (as Mg), mg/l	< 1.0	30 Max.	IS:3025 [P-46]
14	*Copper (as Cu), mg/l	ND [DL-0.025]	0.05 Max.	APHA
15	*Manganese (as Mn), mg/l	ND [DL-0.05]	0.1 Max.	APHA
16	Sulphate (as SO ₄), mg/l	< 1.0	200 Max.	IS:3025 [P-24]
17	*Mercury (as Hg), mg/l	ND [DL-0.0005]	0.001 Max.	IS:3025
18	*Cadmium (as Cd), mg/l	ND [DL-0.001]	0.003 Max.	APHA
19	*Selenium (as Se), mg/l	ND [DL-0.005]	0.01 Max.	APHA
20	*Cyanide (as CN), mg/l	ND [DL-0.025]	0.05 Max.	IS:3025 [P-34]

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