



भारत सरकार
पर्यावरण एवं वन मंत्रालय
GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT & FORESTS
क्षेत्रीय कार्यालय (दक्षिण वलय)
Regional Office (Southern Zone)
Kendriya Sadan, 4th Floor, E&F Wings, 17th Main Road,
2nd Block, Koramangala, Bangalore - 560 034.

No. :
तार : पर्यावरण, बेंगलूर
Telegram : PARYAVARAN
BANGALORE
दूरभाष :
Telephone : 080-25635906
Tele Fax : 080-25537184

No.EP/SEIAA/12.1/289/KAR/6696
Dated: 2nd March, 2010.

To,

The Managing Director,
M/s Blue Horizon Hotel Pvt Ltd,
No. 172/1, Srinivas Industrial Estate,
Bannerghatta Road,
Bangalore -560 076.

Subject: Construction of commercial complex (Hotel cum Mall) at Sy.No. 75 & 172/1, Bilekahalli village, Begur Hobli, Bangalore by M/s Blue Horizon Hotel Pvt Ltd -Environmental clearance -reg.

Reference : No. SEIAA:256:CON:2008 dated: 9.2.2010.

Sir,

Your kind attention is invited to the above cited subject and reference. It is requested to send copy of the Detailed Project Report, Environmental Impact Assessment, Environmental Management Plan, Risk Analysis Report, Questionnaire submitted to Ministry for getting the clearance, No Objection Certificate of the State Pollution Control Board and paper advertisement as per General condition of MoEF clearance for the above project. It is also requested to send us details on present status of the work progress and the action taken to comply with the various conditions stipulated (point-wise compliance) in the said clearance letter. The address of the in-charge at site along with his telephone and fax number is also be communicated please.

You are also requested to send six monthly reports on 1st June (for the period October to March) and 1st December (For the period April to September) regularly in hard and soft copies, on the compliance status of various conditions stipulated in the said clearance letter (point wise compliance with supporting documents). The soft copy may be sent through e-mail (in Microsoft word format) at the address - roszmon@yahoo.in


(Dr. A.B. Harapanahalli)
Director (S)

No. SEIAA: 256 : CON: 2008
STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT
AUTHORITY, KARNATAKA

(Constituted by Ministry of Environment & Forests, Government of India)

Department of Ecology and Environment
Room No.709, 7th Floor, IV-Gate,
M.S. Building, Bangalore-560 001,
Date: 9th February 2010.

To,

M/s. Blue Horizon Hotel Pvt. Ltd.,
172/1, Srinivas Industrial Estate,
Bannerghatta Road,
Bangalore -560 076

Sir,

Sub: Construction of commercial complex (Hotel cum Mall)
project called at Sy. No. 75 & 172/1, Bilekahalli Village,
Begur Hobli, Bangalore South Taluk by M/s. Blue Horizon
Hotel Pvt. Ltd - issue of Environment Clearance -reg.

This has reference to your application dated 23.12.2008 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. The proposal has been 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. SEAC has recommended for issue of environmental clearance in its meetings held on 15.05.2009 and 21.11.2009.

2. It is, inter-alia, noted that M/s. Blue Horizon Hotel Pvt. Ltd, Bangalore have proposed for construction of commercial complex (Hotel cum mall) on a plot area of 18,666.0 sq. m. The total built up area is 1,21,620.00 sq. m. The commercial complex consists 2 blocks (Hotel & Mall). Hotel block consists 5 Basements, Ground floor and 6 upper floors. Mall blocks consists 5 Basements, Ground floor and 5 upper floors. Total parking space proposed is for 1369 cars. Total water consumption is 800 KLD. The total wastewater discharge is 639.58 KLD. It is proposed to construct 2 Sewage Treatment Plant with a capacity of 500 KLD & 150 KLD. The project cost is Rs. 508.5 crores.

3. 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 23.01.2010 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

1. Set up an environment management cell and ensure that the cell manages / maintains all the environmental aspects such as sewage 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 dis-infection 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 neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
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 and only tertiary treated water shall be used for construction as per G.O. No. FEE 188 ENV 2003 dated 14.08.2003.
24. No ground water is to be drawn without permission from the Central Ground Water Authority.
25. Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.
26. Treatment of 100% grey water by decentralized treatment should be done.
27. 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.
28. 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.
29. The provision of Energy Conservation Building code, 2006 shall be fully complied with.
30. Roof should meet prescriptive requirement as per Energy Conservation Building Code, 2006 by using appropriate thermal insulation material.
31. Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, 2006 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.
32. The proponent shall contribute Rs. 10 Lakhs to Bannerghatta National Park and Rs. 50 Lakhs for infrastructure development in Kalkere slum near Bannerghatta Road towards the corporate social commitment made vide letter dated 05.01.2010 and 11.03.2009 within the completion of the project as committed and report be submitted to the Authority.

II. Operation Phase.

1. The installation of two Sewage Treatment Plant (STP) of total capacity 650 KLD (500 KLD & 150 KLD) 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.

2. Rainwater harvesting for roof run-off with 13 recharge pits at ground level for rainwater collection and also surface run-off harvesting as per the plan submitted should be implemented. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease.
3. 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 storm water drains.
4. The solid waste generated should be properly collected and segregated insitu. The Biodegradable organic waste be composted preferably by installing bio-converter in site and used. The non-biodegradable waste be 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. As agreed to by the project proponent, develop a minimum of 33.5 % of the project area i.e., minimum 5940 Sqm 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 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 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 complex shall have D.G. Set of 2 X 750 KVA and 4 X 2000 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 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. 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 11 of the National Environment Appellate Authority Act, 1997.
8. 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.
9. 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.

10. 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://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 the MoEF at Bangalore/ Department of Environment and Ecology, Bangalore.
11. 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.
12. 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.
13. Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it is found that 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,


(KANWERPAL)

Member Secretary,
SEIAA.

Copy to:

1. The Secretary, Ministry of Environment & Forests, Government of India, Paryavaran Bhavan, CGO Complex, Lodi Road, New Delhi-110003.
2. The Special Secretary, Department of Ecology and Environment, Government of Karnataka, M.S. Building, Bangalore.
3. The Member Secretary, Karnataka State Pollution Control Board, Bangalore.
4. The CCF, 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.

ENVIRONMENT CLEARANCE SIX MONTHLY COMPLIANCE REPORT

Project: Construction of Commercial Complex(Hotel & Mall) at Sy No 75 & 172/1, Bilekanahalli Village, Begur Hobli, Bangalore By Blue Horizon Hotel Pvt Ltd

Environment Clearance Letter No. SEIAA:256:CON:2008, dated 9th Feb 2010

Sl.No	EC Conditions	Compliances
Construction Phase		
1	Set up an environmental 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	Agreed
2	Appoint an Environment and Safety engineer during the construction phase to take care of environment and safety aspects	Environmental and safety engineer is being appointed.
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.	Compliance followed
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.	Compliance followed
5	Provide at the main entrances bell gates, which are located at the least 12' inside the boundary of the project to enable smooth flow of traffic on the main road leading to the entrance.	Compliance followed
6	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase	Adequate sanitary and hygienic measures are being adopted and maintained throughout the construction phase
7	A first aid room will be provided in the project both during construction and operation of the project.	First Aid Room is provided in the project site
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.	Tankers are provided as a source of drinking water & Waste water and Solid Waste generated during the Construction Phase is disposed off safely using Mobile STP
9	Provision shall be made for the housing of construction labourers within the site with all	Local construction labourers are hired

	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	All the labourers to be engaged for construction should be screened for health & adequately treated before engaging them to work at the site & detailed report submitted to SEIAA. Safety standards as per National Building Code (NBC) should be ensured.	Safety Equipment will be provided & Regular health check-up of workers at the project site is being done by the qualified doctor.
11	For disinfection of waste water which is not meant for recycling for toilet flushing, use ultra violet radiation & not chlorination. For treated waste water meant for reuse for toilet flushing, disinfect by using chlorination.	Ozonation is followed
12	All topsoil excavated during construction activities should be stored use in horticulture/ landscape development within the project site	Top soil excavated is used in horticulture/landscaping the site
13	Disposal of muck, construction debris during construction phase should not create any adverse effect on the neighboring communities & be disposed taking the necessary precautions for general safety & health aspects of people, only in approved sites with the approval of competent authority	The Muck is being reutilized within the project site.
14	Soil & 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 & or other toxic contaminants & report submitted to SEIAA.	Compliance followed
15	Construction spoils including bituminous materials 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	We have not used bituminous/ any other hazardous materials in the entire construction activities.
16	The DG sets to be used during construction phase should be low sulphur diesel type and should confirm to E (P) rules prescribed for air and noise emission standards.	We have followed the prescribed E(P) rules by using DG with low sulphur diesel type; (Air quality monitoring report enclosed)
17	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	Compliance followed
18	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. Adequate measures to reduce air & noise pollution during construction	Ambient noise levels and air quality is monitored and conformed to the standards.(Air quality monitoring report attached)

19	Ready mixed concrete must be used in building construction	Ready mixed concrete has been used
20	Storm water control and its re-use as per CGWB and BIS standards for various applications	Rain water harvesting plan is being implemented.
21	Water demand during construction should be reduced by use of pre mixed concrete, curing agents and other best practices & only tertiary treated water shall be used for construction as per GO No FEE 188 ENV 2003 dated 14.08.2003	Compliance followed
22	No ground water is to be drawn with out permission from the Central Ground Water Authority.	Compliance followed
23	Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water	Compliance followed
24	Treatment of 100 % grey water by decentralized treatment should be done	Decentralized Sewage treatment plant is set up assuring 100 % treatment of grey water
25	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	Compliance followed
26	Use of glass may be reduced by upto 40% to reduce the electricity consumption and load on air conditioning. If necessary, use of high quality double glass with special reflective coating in windows	Glass usage will be reduced adequately Possibility of using double glass shall be explored
27	The provision of Energy Conservation Building code, 2006 Shall be fully complied with.	Compliance followed
28	Roof should meet prescriptive requirement as per energy conservation Building code,2006 by using appropriate thermal insulation material	Thermal insulation will be done for roof top as per energy conservation building code
29	Opaque wall should meet prescriptive requirement as per energy conservation building code, 2006 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.	Compliance followed
30	The proponent shall contribute Rs. 10 Lakhs to Bannerghatta National Park and Rs. 50 Lakhs for infrastructure development in Kalkere Slum near Banneraghatta Road towards the corporate social commitment made vide letter dated 05.01.2010 and 11.03.2009 within the completion of the project as committed and report be submitted to the Authority.	Compliance followed

During Operation Phase		
1	The installation of two sewage treatment plant(STP) of 650 KLD(500KLC & 150 KLD) should be carried out before the construction of the second floor of the main structure is commenced & the plant shall be got certified by an independent expert and a report in this regard should be submitted to SEIAA Immediately. Discharge of treated sewage shall conform to the norms & standards of the KSPCB. Treated sewage should be used for flushing, gardening, etc as proposed.	We will set up Sewage treatment plant, which treats the raw sewage and brings it into KSPCB norms, and report in this regard has been submitted to MOEF will follow discharge of treated sewage is a/c to the norms of KSPCB . Treated sewage is used for flushing, Gardening & HVAC usage.
2	Rain water harvesting for roof runoff with 13 recharge pits at ground level for rain water collection and also surface runoff, harvesting as per the plan submitted should be implemented. Before recharging the surface run off, pre treatment must be done to remove suspended matter, oil and grease.	Provision of rainwater harvesting measures as per the design shall be implemented. Rainwater harvesting structure shall have the Provision of sedimentation and oil & grease trap before recharging the surface run off.
3	Ensure that the excess runoff rain water from the green belt area, which is irrigated by the treated water, does not get into infiltration pits and contaminate the ground water. Such excess water should be safely let into the storm water drains.	Compliance followed.
4	The solid waste generated should be properly collected & segregated insitu. The Biodegradable organic waste be composted preferably by installing bio converter in site and used. The non biodegradable waste is disposed to authorized recyclers.	We are installing Organic converter. The non-biodegradable waste is sent to authorized recyclers.
5	Any hazardous waste including biomedical waste should be disposed of as per applicable rules & norms with necessary approvals of the KSPCB	No biomedical waste is generated
6	As agreed to by the project proponent, develop a minimum of 33.5% of the project area i.e. minimum 5940 Sq m 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 confirming to the day and night noise standards should be suitably landscaped and covered with vegetation of indigenous variety.	We will follow the compliance.
7	Incremental pollution loads on the ambient air quality; noise and water quality should be	We will follow the compliance

	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 for gardens and street lighting in addition to provision for solar water heating. A hybrid system for the complex should be provided. Details in this regard should be submitted to the SEIAA	Solar water heaters are proposed for Hotel rooms and solar street lights for landscaping area
9	Traffic congestion near the entry and exit points from roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	Two entry and exit points to the site. Merging vehicles will be performed only to left from the exit gates. This ensures safety. Yellow paint junction boxes will be painted at the locations to create psychological barriers for driver to control speed. Rubber humps will be introduced. Gates will be manned with efficient security who can guide the entry & exit of vehicles.
10	A report on the energy conservation measures confirming to energy conservation norms finalize by Bureau of Energy Efficiency should be prepared incorporating details about building materials and technology & U factors etc and submit to SEIAA in 3 months.	Compliance followed.
11	All toilets should have dual plumbing line & no waste water is discharged from the unit.	Dual plumbing is proposed & there is no waste water discharge
12	The Environmental Management Plan including the human health and safety by the proponent shall strictly implemented	Compliance followed
13	The complex shall have DG sets of 2 x 750 KVA & 4 x 2000 KVA as an alternate power supply source proposed.	Compliance followed
PART B- General conditions		
1	The environmental safeguards contained in EIA report should be implemented in letter and spirit	Agreed.
2	Half yearly monitoring reports should be submitted to the ministry and its regional office Bangalore	Agreed
3	Officials from regional office of MOEF, Bangalore who would be monitoring the implements of environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection. A complete of all documents submitted to MOEF/	Agreed

	SEIAA should be forwarded to CCF, Regional office of MOEF, Bangalore/ Department of Environment & Ecology, Bangalore.	
4	In the case of any changes in the scope of the project would require a fresh appraisal from ministry.	Agreed.
5	The Authority reserve the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the clearance under the provision of environmental(Protection) ACT,1986 to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Agreed
6	All other statutory clearances such as the approvals for storage of diesel from chief controller of explosives, fire dept, civil aviation dept etc, shall be obtained as applicable by project proponents from the competent authorities.	Agreed.
7	The project proponent should advertise in atleast two local newspapers widely circulated in the region, one of which shall be in the vernacular languages informing that the project has been accorded environmental clearances and copies of clearance and copies of clearance letters are available within KSPCB and may also be seen on the websites of MOEF http://www.envfor.nic.in .The advertisement should be made within 7 days from the day of issue of the clearance letter and the copy of the same should be forwarded to the regional office of this ministry at Bangalore/ Dept of Environment & ecology	Agreed
8	These stipulations would be enforced among others under the provision 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,1991and EIA notification,2006	Agreed
9	The project proponent should display the condition prominently at the entrance of the project on a suitable size board for the information of the public	Agreed
10	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it is found that construction of the project has been started without obtaining environmental clearance.	Agreed
11	The issuance of environment clearance doesn't confer any right to the project proponent to	Agreed

	operate/run the project without obtaining statutory clearances/ sanction	
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Ganesh Consultancy & Analytical Services

AN NABL ACCREDITED LABORATORY

(An ISO 9001 - 2008, ISO 14001-2004 Certified Laboratory : Approved by Agmark - Govt. of India, Empanelled by - KSPCB)



ISO-9001:2008
ISO-14001:2004

Test House : 294A, Hebbal Industrial Area, Mysore - 570 016 ☎ - 2402986 Telefax - 4282027

Office : 1030, Geetha Road, Chamarajapuram, Mysore - 570 005 ● Phone : 2402987

Bangalore Office : # 1/C, Anjaneya Temple Street 3rd Cross, Yadiyur, Bangalore - 560 082

Phone : 080-26766600, 9845475436 ● Web : www.ganeshlaboratory.com

Email : lab.ganesh@gmail.com, ganeshlab@yahoo.com Page 1 of 1

TEST REPORT

CUSTOMER ADDRESS,
M/s. Seamak HI Tech Products,
Seamak Technologies,
H.O. # 797, 1st Floor, 1st Cross,
12th Main, HAL 2nd Stage, Indiranagar,
Bangalore-560 008.

SAMPLE DESCRIPTION: One sample of Water for the Chemical analysis.

Sample Reference: Borewell Water.

M/s. Blue Horizon Hotel Pvt. Ltd., SY. No. 75 & 172/1, Bilekanahalli Village, Begur Hobli, Bangalore.

Control No. GC: 1277/2011-12
DATE: 28-02-2011
CUSTOMER REF: Oral
SAMPLE DRAWN ON: 22-02-2011
TEST METHOD: IS 3025
SAMPLE DRAWN BY: Lab Personnel

Sl. No.	Parameters	Units	Results	IS 10500 - 1991 Specifications		PROTOCOL
				Desirable	Permissible	
1	Colour	Colour units	<5	5	25	IS: 3025 (P 4)
2	Odour	---	Unobjectionable	Unobjectionable	---	IS: 3025 (P 5)
3	Taste Rating	---	Agreeable	Agreeable	---	IS: 3025 (P 8)
4	Turbidity	NTU	1	05	10	IS: 3025 (P 10)
5	Total Dissolved Solids	mg/l	532	500	2000	IS: 3025 (P 16)
6	P ^H Value	---	6.68	6.50-8.50	No Relaxation	IS: 3025 (P 11)
7	Total Hardness as CaCO ₃	mg/l	260	300	600	IS: 3025 (P 21)
8	Calcium as Ca	mg/l	70.4	75	200	IS: 3025 (P 40)
9	Magnesium as Mg	mg/l	20.16	30	100	IS: 3025 (P 46)
10	Chlorides as Cl	mg/l	104	250	1000	IS: 3025 (P 32)
11	Sulphates as SO ₄	mg/l	54	200	400	IS: 3025 (P 24)
12	Nitrates as NO ₃	mg/l	28.88	45	100	IS: 3025 (P 34)
13	Iron as Fe	mg/l	0.10	0.30	1.0	IS: 3025 (P 53)
14	Fluoride as F	mg/l	0.50	1.0	1.5	IS: 3025 (P-23)
15	Cyanide as CN	mg/l	BDL	0.05	No Relaxation	IS: 3025 (P-27)
16	Copper as Cu	mg/l	BDL	0.05	1.5	IS: 3025 (P 42)
17	Manganese as Mn	mg/l	BDL	0.1	0.3	IS: 3025 (P 59)
18	Mercury as Hg	mg/l	BDL	0.001	No Relaxation	IS: 3025 (P 48)
19	Cadmium as Cd	mg/l	BDL	0.01	No Relaxation	IS: 3025 (P 41)
20	Selenium as Se	mg/l	BDL	0.01	No Relaxation	IS: 3025 (P 56)
21	Arsenic as As	mg/l	BDL	0.01	No Relaxation	IS: 3025 (P 37)
22	Lead as Pb	mg/l	BDL	0.05	No Relaxation	IS: 3025 (P 47)
23	Zinc as Zn	mg/l	<0.05	5.0	15	IS: 3025 (P 49)
24	Chromium	mg/l	BDL	0.05	No Relaxation	IS: 3025 (P 52)
25	Residual Free Chlorine	mg/l	BDL	0.20 min	---	IS: 3025 (P 26)

BDL- Below Detectable Limit

Note: Total Dissolved Solids is higher than the limits.

Authorised Signatory

For GANESH CONSULTANCY & ANALYTICAL SERVICES

(A. R. Subramanya)

NOTE: 1. The results listed refer only to the tested samples and applicable parameters. Endorsement of products neither inferred nor implied.

2. Total liability of our institute is limited to the Invoice amount.

3. Samples will be destroyed after seven days from the date of issue of test certificate unless otherwise specified. Perishable samples will not be retained.



Ganesh Consultancy & Analytical Services

AN NABL ACCREDITED LABORATORY

(An ISO 9001 - 2008, ISO 14001-2004 Certified Laboratory : Approved by Agmark - Govt. of India, Empanelled by - KSPCB)



ISO-9001:2008
ISO-14001:2004

Test House : 294A, Hebbal Industrial Area, Mysore - 570 016 ☎ - 2402986 Telefax - 4282027

Office : 1030, Geetha Road, Chamarajapuram, Mysore - 570 005 ● Phone : 2402987

Bangalore Office : # 1/C, Anjaneya Temple Street 3rd Cross, Yadiyur, Bangalore - 560 082

Phone : 080-26766600, 9845475436 ● Web : www.ganeshlaboratory.com

Email : lab.ganesh@gmail.com, ganeshlab@yahoo.com

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TEST REPORT

CUSTOMER ADDRESS,
M/s. Seemak Hi Tech Products,
Seemak Technologies,
H.O. # 797, 1st Floor, 1st Cross,
12th Main, HAL 2nd Stage, Indiranagar,
Bangalore-560 008.

Control No. E07-A41/2011-12

DATE: 28-02-2011

CUSTOMER REF: Oral

SAMPLE DRAWN ON: 22-02-2011

TEST METHOD : IS 5182

SAMPLE DRAWN BY: Lab. Personnel

SAMPLE DESCRIPTION: One Sample of Ambient Air for the analysis.
M/s. Blue Horizon Hotel Pvt. Ltd., SY. No. 75 & 172/1, Bilekanahalli Village, Begur Hobli, Bangalore.

Sl. No.	Parameters	Units	Results	KSPCB Limits (Residential Area)
1	Location	---	Security Main Gate	---
2	Date of Monitoring	---	22-02-2011	---
3	Suspended Particulate Matter	µg/m ³	146.1	200
4	Respirable Particulate Matter	µg/m ³	59.2	100
5	Sulphur dioxide	µg/m ³	19.3	80
6	Oxides of Nitrogen	µg/m ³	40.4	80

Details of Equipment used for monitoring

Make	Envirotech
Model	APM 460 BL
SL. No.	811-DTA-2007

Authorised Signatory

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(A. R. Subramanya)

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5. Sample(s) or not drawn by us unless otherwise stated.



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ISO-9001:2008
ISO-14001:2004

Test House : 294A, Hebbal Industrial Area, Mysore - 570 016 ☎ - 2402986 Telefax - 4282027

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Phone : 080-26766600, 9845475436 • Web : www.ganeshlaboratory.com

Email : lab.ganesh@gmail.com, ganeshlab@yahoo.com

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TEST REPORT

CUSTOMER ADDRESS,
M/s. Seamak HI Tech Products,
Seamak Technologies,
H.O. # 797, 1st Floor, 1st Cross,
12th Main, HAL 2nd Stage, Indiranagar,
Bangalore-560 008.

SAMPLE DESCRIPTION: Noise Level monitoring. (Day Time)
M/s. Blue Horizon Hotel Pvt. Ltd., SY. No. 75 & 172/1, Bilekanahalli Village, Begur Hobli, Bangalore.

Control No. E07-N182-185/2011-12

DATE: 28-02-2011

CUSTOMER REF: Oral

SAMPLE DRAWN ON: 22-02-2011

TEST METHOD : Lab. Method

SAMPLE DRAWN BY: Lab. personnel

Sl. No.	Location	Results in dB(A)
1	South	74.1
2	North	68.3
3	East	62.8
4	West	72.4

Note: KSPCB Limits for Noise at Day time = 75 dB(A)

Multi functional meter

Make: Equinox

Sl. No. - 8066221

Model No.: ST 8820

Authorised Signatory

For GANESH CONSULTANCY & ANALYTICAL SERVICES

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