



AMORAPOLIS

FALL IN LOVE

Date : 09/05/2025

To,
The Additional Director(s)
Regional Office (WCZ),
Ministry of Environment, Forest & Climate Change,
Ground Floor, East Wing, New Secretariate Building,
Civil Lines, Nagpur-440001, Maharashtra.

Sub: Submission of Environmental Clearance compliance for (June 2025) residential & commercial construction project by M/s. Krisna Nirmaan Skyscraper LLP, Sr. No. 12, Dhanori, Tal Haveli, Dist Pune

Ref: Environment Clearance No. **SEIAA-EC-0000000619** Date of Issue EC – 15.01.2019

Respected Sir,

We are submitting the current Status of our construction work, monitoring reports, datasheet, and pointwise environmental clearance compliance status to various stipulations laid down by the Ministry of Environment and Forest in its Environment Clearance No. **SEIAA-EC-0000000619** Date of Issue EC – 15.01.2019 along with the necessary enclosure and annexure. This is for your kind consideration and records. Kindly acknowledge the same.

Thanking you,
Yours Sincerely,

Authorized Signatory

Copy to:

The Member Secretary SEIAA, Environment Department, Room No.217, 2 nd floor, Mantralay, Annexe Mumbai 400032

The Member Secretary, Maharashtra Pollution Control Board, Kalpataru Point, 2/3/4th floor, Sion Matunga Scheme, Road No. 8, Opp. Sion Circle, Sion (East), Mumbai-400022.

The Regional Officer, Maharashtra Pollution Control Board, Jog Center, 3rd floor, Mumbai Pune Road, Wakdewadi, Pune, Maharashtra 411003.

Krisna Nirmaan Skyscraper LLP

Site Address : Amorapolis, Sr. No. 12/4, Adjacent to Porwal Road, Dhanori, Pune - 411 015

Office Address : 1 MG Road, New Bazar, Khadki, Pune 411003

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SIX MONTHLY COMPLIANCE REPORT (June 2025)

Residential & commercial construction
project by M/s. Krisna Nirmaan Skyscraper LLP,
Sr. No. 12, Dhanori, Tal Haveli, Dist Pune

SUBMITTED BY
M/s. Krisna Nirmaan Skyscraper LLP,

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PART A

CURRENT STATUS OF WORK

CURRENT STATUS OF WORK – December 2024

Current Status Work of the project: Project Under Part operation phase.

Residential & commercial construction project by M/s. Krisna Nirmaan Skyscraper LLP,
Sr. No. 12, Dhanori, Tal Haveli, Dist Pune

Sr. No.	No. of Buildings	Configurati on	Status	Status of the Environmental Management Facilities
1	Building A to H	B+G+P+13	Completed & handed over to society	STP is Installed of capacity 370 KLD. Treated water is use for land gardening & flushing.
2	Building Commercial	--	Work not started yet.	For wet waste treatment PP provided OWC 850 kg/day. Treated waste is use as manure on land gardening.

PART B
POINT WISE COMPLIANCE STATUS

PARTB:

2. Point wise compliance status to various stipulations laid down by the Ministry in its Clearance Letter No. SEIAA-EC-0000001433 dtd March 26, 2019 are as follows:

Sl. No.	Conditions as per EC dated 26.03.2019	Compliance status
	Specific Conditions	
I	PP to submit water supply NOC.	We have submitted water supply NOC to SEIAA
II	PP to upload STP details.	We have submitted STP details to SEIAA.
III	PP to submit revise fire tender movement plan so that all the flats can get access to fire tender.	We revised fire tender movement plan & submitted to SEIAA.
IV	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF & CC vide F.No.22-34/2018-IA.III dt.04.01.2019.	Noted & agreed.
V	PP to submit CER plan to Municipal Commissioner, Pune Municipal Corporation and submit the acknowledgement copy to submitted to Member Secretary, SEIAA.	We have submitted CER plan to the Municipal Commissioner.
VI	SEIAA decided to grant EC for : FSI: 44495.96 m2, Non FSI: 42720.09 m2 & Total BUA: 87216.05 m2. (IOD no.CC/2367, Approval Date- 31.10.2018)	Noted & Agreed.
	General Conditions	
I.	E waste shall be disposed through authorized vendor as per E waste (management & handling) rules, 2011.	Noted & Adhered.
II.	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.	Noted & obeyed. Occupancy will not be given unless and until there is sustainable water supply of drinking water & connectivity of the sewer line up to the project.

III.	This environmental clearance is to subject to obtaining NOC from forestry and wildlife angle including from the standing committee of the national board for wildlife as if applicable and this environmental clearance does not necessarily implies that forestry and wild life clearance granted to the project which will be considered separately on merit	Forest clearance & wild life NOC not applicable for this project.
IV.	PP has to abide by the conditions stipulated by SEAC& SEIAA	We will do the same
V.	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.	We will construct as per approval of local body.
VI.	If applicable "Consent For Establishment' shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.	We have obtained Consent for Establish & Part Consent to Operate.
VII.	All required sanitary any hygienic measured should be in place before starting construction activities and to be maintained throughout the construction phase	We will maintain sanitary any hygienic condition throughout the construction phase.
VIII.	Adequate drinking water and sanitary Facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	We have provided Adequate drinking water and sanitary facilities for construction workers at the site. Provision made for mobile toilets. Also, the safe disposal of wastewater and solid wastes generated during the construction phase is ensured.
IX.	The solid waste generated should be properly collected and segregated. dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.	we have properly segregate collect all generated solid waste & disposal as per norms.
X.	Disposal of muck 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	Noted and Obeyed. All construction waste is collected & segregated properly. Most of it is reused for the construction activity.

XI.	Arrangement shall be made that wastewater and storm water do not get mixed.	Separate arrangement (separate line) is provided for the disposal of storm water and drainage water.
XII.	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	Top soil excavated during construction activities will stored and used for landscape development.
XIII.	Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.	Excavated top soil will stored & will be used in landscaping.
XIV.	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.	Noted and agreed.
XV.	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	There is no threat to ground water quality by leaching of heavy metals & toxic contaminants as there is no activity involving heavy metals & other toxic contamination.
XVI.	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.	We have taken proper care of this.
XVII.	Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the MPCB	No hazardous waste generation during construction phase. If any Hazardous waste generated that will be disposed as per MPCB norms.
XVIII.	The diesel generator sets to be used during construction phase should be low Sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards	We have provided DG set as per the norms. Stack Monitoring Report is attached.
XIX.	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.	Diesel required will be purchase as and when required, there is no storage at site.
XX.	Vehicles hired for bringing construction material to the site should be in good condition and should have a PUC certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.	Vehicle hired will be in good conditions and as per norms.

XXI.	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 should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.	Environment monitoring of Noise & Air analysis report is attached.
XXII.	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 27th August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).	We have done the same for existing construction, we will do the same for proposed construction.
XIII.	Ready mixed concrete must be used in building construction.	RMC is used for existing construction; we will do the same for proposed construction.
XIV.	Storm water control and its re-use as per CGWB and BIS standards for various applications.	Proper storm water control system provided.
XV.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices.	we will do the same.
XVI.	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	Noted.
XVII.	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled / reused to the maximum extent possible. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treatment of 100% grey water by decentralized treatment should be done.	STP is Installed of capacity 370 KLD. Treated water is use for land gardening & flushing.

	Necessary measures should be made to mitigate the odor problem from STP	
VIII.	Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.	We will obtain the same if required. Currently no use of ground water.
XIX.	Separation of grey and black water should be done by the use of dual plumbing line.	we have provided the same for existing phase. We will do the same for proposed construction.
XX.	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.	We have done the same completed work. We will do the same for proposed construction.
XXI.	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.	we have provided the same for existing phase. We will do the same for proposed construction.
XXII.	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	We have done the same completed work. We will do the same for proposed construction.
XIII.	Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines / rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.	we have used energy saving CFLs /TFLs, Solar Street lights, solar water heaters system & etc. for existing phase, we will do the same for proposed project.
XIV.	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the EPA, 1986. The height of stack of DG sets should	Noted and agreed.

	be equal to the height needed for the combined capacity of all proposed DG sets. Use low Sulphur diesel. The location of the DG sets may be decided with in consultation with MPCB.	
XXV.	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.	Noise monitoring carrying out. Reports attached.
XVI.	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.	Traffic congestion will be avoided. Sufficient internal parking has been provided.
XVII.	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 aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.	We have done the same completed work. We will do the same for proposed construction.
VIII.	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	we have maintained adequate distance between two buildings. We will do the same for proposed construction.
XIX.	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings by a separate environment cell / designated person.	It Should be taken.
XL.	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 EC	we have obtained Environment Clearance & copy is attached
XLI.	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.	We will regularly submit the Post Environment clearance report to MoEF, Nagpur & MPCB Offices.
XLII.	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore	We have installed STP Plant and are using step's treated water for gardening and flushing.

	possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2.	
LIII.	Wet garbage should be treated by OWC and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.	We have installed the Organic Waste Converter and treated manure use for gardening.
LIV.	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB	Noted.
LV.	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.	We have submitted the same.
LVI.	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	We have agreed for the same.
LVII.	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Provided.
VIII.	Separate funds shall be allocated for implementation of environmental protection measures / EMP along with item-wise breaks-up. These cost shall be included as part of the project cost.	Provided.
LIX.	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded EC and copies of clearance letter are available with the MPCB and may also be seen at Website at http:// ec.maharashtra.gov.in .	Advertisement was not given we will publish advertisement after expansion of EC.

L.	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1 st June & 1st December of each calendar year.	We will regularly submit the Post Environment clearance report to MoEF, Nagpur & MPCB Office.
LI.	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal.	We have sent to the Municipal Corporation and uploaded on web site.
LII.	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	We will provide and maintain the same
LIII.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective RO, MoEF, the respective Zonal Office of CPCB and the SPCB.	We will regularly submit the six-monthly Post Environment clearance report to MoEF, Nagpur & MPCB Office.
LIV.	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned SPCB as prescribed under the EPA, 1986 as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective RO, MoEF by e-mail.	Form V submitted

Please find the same enclosed along with this letter.

Please find all the above mentioned in order and kindly acknowledge the receipt of the same.

Thanking you,

Yours Sincerely,

For M/s. Krisna Nirmaan Skyscraper LLP,

PART C

**(Datasheet with Enclosure No I, Enclosure No II and
Enclosure No III)**

ENCLOSURE NO. I

**(Data Sheet in format with Part – I, Part – II
& Part – III)**

Ministry of Environment & Forest
Western Region, Regional Office, Nagpur.

PART – I

DATA SHEET

Sr. No.	Particulars	Details
1.	Project type: River Valley/ Mining/ Industry/ Thermal/ Nuclear/ Others (specify)	Building & Construction Project (8(a)) Category B
2.	Name of the Project	residential & commercial construction project by M/s. Krisna Nirmaan Skyscraper LLP, Sr. No. 12, Dhanori, Tal Haveli, Dist Pune
3.	Clearance letter (s)/ OM No. and date	Environmental clearance granted by SEIAA Maharashtra vide letter No. File No. - SEIAA-EC-0000000619 Date of Issue EC – 15.01.2019
4.	Location a) District (s)	residential & commercial construction project by M/s. Krisna Nirmaan Skyscraper LLP, Sr. No. 12, Dhanori, Tal Haveli, Dist Pune
	b) State (s)	SEIAA-EC-0000001433 dtd March 26, 2019
	c) Location latitude / longitude	Pune, Maharashtra Latitude - 18°36'09.41" N Longitude 73°54'21.86"E
5.	Address for Correspondence a) Address of the Concerned Project Chief Engineer (with Pin code & Telephone / Telex / Fax Numbers)	Mr. Amit Agarwal, (Partner) agarwal.amit79@gmail.com +91 96231 86454 Sr. No. 12, Dhanori, Tal Haveli, Dist Pune
	b) Address of the Concerned Project Chief Engineer (with Pin code & Telephone / Telex / Fax Numbers)	
6.	Salient features of the Project	EC was granted by SEIAA in 2019 for plot area of 24000 sqm with total built up area of 87216.05 sqm. Proposed project consists of 8 residential wings & 1 commercial building & 1 club house. Out of these 8 buildings are completed &

		possession given. Construction activity was commenced in May 2019 as per EC. Construction Phase: Capital cost: Rs. 35.04 Lakhs/annum Operation Phase: Capital cost: Rs. 320.34 lakhs OM cost: 28.93 lakhs
7.	Breakup of the Project Area	
	a) Submergence area: forest & non forest	Not Applicable
	b) Others	Not Applicable
8.	Breakup of the project affected population with the enumeration of those losing Houses / Dwelling units only, Agricultural Land & Landless Laborers / Artisans: a) SC, ST/Tribes b) Others (please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey is carried out give details & year of survey)	The project is proposed on own land thus there is no displacement of population is proposed.
9 a)	Financial Details Project cost as originally planned and subsequent revised estimates and the year of price reference	Total Project Cost Projected- Rs. 138.065 Crores
b)	Allocation made for environmental management plans with item wise and year wise breakup	Construction Phase: Capital cost: Rs. 35.04 Lakhs/annum, Operation Phase: Capital cost: Rs. 320.34 lakhs, OM cost: 28.93 lakhs

c)	Benefit cost ratio/Internal rate of return and the year of assessment	Not applicable
d)	Whether (c) includes the cost of environmental management as shown in the above	Yes, included
e)	Actual expenditure incurred on the project so far	As per requirement
f)	Actual expenditure incurred on the environmental management plans so far	As per requirement
10	Forest Land Requirement	
a)	The status of approval for diversion of forest land for non-forestry use	Not applicable
b)	The status of clearing felling	Not applicable
c)	The status of compensatory afforestation, if any comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far	Not applicable
11	The status of clear felling in non-forest areas (such as submergence area or reservoir, approach roads.), if any with quantitative information required.	Not applicable
12	Status of construction (Actual & /or planned)	Construction Status: - Partly operation phase. No construction activity is going on.
a)	Date of commencement (Actual & /or planned)	May 2019
b)	Date of completion (Actual & /or planned)	December 2027
13	Reasons for the delay if the project is yet to start	NA
14	Dates of Site Visits	NA
a)	The dates on which the project was monitored by the Regional Office on previous occasions, if any	Nil

b)	Date of site visits for this monitoring report	---
15	Details of correspondence with project authorities for obtaining action plans / information on the status of compliance to safeguards other than the routine letters for logistic support for site visit. (The monitoring report may contain the details of all the letters issued so far but the later reports may cover only the letters issued subsequently)	Nil

PART I

PROJECT DETAILS

Name & Location	:	residential & commercial construction project by M/s. Krisna Nirmaan Skyscraper LLP, Sr. No. 12, Dhanori, Tal Haveli, Dist Pune
Total no. Of workers to be employed during the construction phase.	:	No Workers present on site as construction activity is yet to start
Total Project cost	:	Rs. 138.065 Cr only.
Project infrastructure	:	residential & commercial construction project by M/s. Krisna Nirmaan Skyscraper LLP, Sr. No. 12, Dhanori, Tal Haveli, Dist Pune
	:	Total Plot Area – 24000 m ² Total Built-Up Area – 87216.05 m ²
Water Requirement and Sources	:	During Construction Phase - From Tankers: 20 m³/day (depending upon the activity) As on date no construction activity started. During Operational Phase - Total Water Requirement- 427 CMD Recycled water- 151 CMD Fresh Water- 270
Sewage generated	:	Waste water Generation: 361 CMD
Power	:	During Construction Phase - 1. From MSEDCL: 75 KW Operational Phase - From MSEDCL connected load During Operation Phase (Connected Load) : 3872 Kw During Operation Phase (Demand Load): 1829 KW 2 D.G Set of Capacity 180 KVA Transformer: 3 nos. X 630 KVA
Gaseous emissions	:	Pollutants like SPM, and SO ₂ may arise from emissions from DG Sets that will be connected to an appropriately designed vent.
Solid waste from : Garbage: Operation Phase 1. Dry 2. Wet 3. STP sludge	:	As on date no construction activity going on 05 kg /day. (During Construction Phase) Estimated Residential & Commercial 869 kg /day. 593 kg/day 123 kg/day

PART II ENVIRONMENTAL IMPACTS AND MANAGEMENT PLAN

EMP for Construction Phase

No.	Environmental Issues/Impacts	Mitigation measures	Responsibility	Legal & Other requirements
LOCATION SPECIFIC				
1.	Level difference in Land	- For minimum cutting and filling on site, parking level are planned along the contours and proposed formation levels shall be created by using ramp along the natural slope. - Proper measures shall be adopted for noise and dust suppression on site and in surrounding areas	Project Proponents / Architects	--
2.	Loss of vegetation	Good Landscaping with good plantation	Contractor / Project Manager	--
DESIGN SPECIFIC				
1.	Building Height	Height of the building is in accordance with the local planning permissions and aviation NOC	Architects	Guidelines of PCMC
2.	Incremental runoff due to Increase in paved areas	Total RG area: 2208.48 SqM Minimizing the incremental runoff from the site with the help of rain water harvesting	Architects	--
CONSTRUCTION PHASE				
1.	Increase in water demand (15-20 KLD) due to water usage for construction, dust suppression and for workers	- Curing water shall be sprayed on concrete structures, free flow of water shall not be allowed for curing. - Use of wet jute cloth/gunny bags instead of water spray for curing activity.	Contractor & Project Manager	--
2.	Sewage generation and disposal	- Disposal of sewage generated to sewerline - Daily watch on sanitation facilities, drains & good housekeeping	Contractor & Project Manager	Water (P & CP) Act 1974
3.	Municipal solid waste generation (20 kg/day) by workers	- Segregation of Biodegradable (08 kg/day) and non-biodegradable garbage (12 kg/day) - Disposal of segregated waste to PMC	Contractor & Project Manager	--

4.	Construction activity may lead to • Water logging onsite	• Computation of the runoff from the catchment areas outside the plot and runoff within the plot. • Proper management of channelization	Contractor & Project Manager	Storm water drainage remarks from PMC
	• Unsanitary conditions and mosquito breeding on site • Sedimentation of outside drains	• of storm water • Designing storm water drainage with adequate capacity to cater the total runoff from site to avoid flooding on site • Use of screens and silt traps in advance of earthworks • Proper maintenance of storm water drainage to avoid choking of drains and flooding on site • Prompt completion of works relating to drainage and sediment control • Ensure discharge of storm water from the site or inflow to the site due to contributing catchment is clear of sediment and pollution		
5	Construction activity			
a.	Dust generation	• On site sensors shall be installed to monitor PM₁₀ and PM_{2.5} • Provision of Barricades of adequate height along the periphery of the site • Use of covering sheets while transporting the material	Contractor/ Proponents	--
b.	Noise & Vibration	• Regular noise monitoring to be scheduled to maintain the noise level within the levels prescribed by CPCB during day and night time • Provision of ear plugs to workers • No noise polluting work in night shifts • Provision of barricades along the periphery of the site		
c.	Disruption of soil & runoff	• Sedimentary controls to be implemented		
d.	Oil leaks	• Regular maintenance of machineries to prevent and repair leaks • Contaminated soil (if any) disposed to authorized CHWTSDF		
e	Generation of construction waste - Debris/ Excavation material	• Quantity of the debris: • Rock - Used for plinth refilling & road formation • Disposal of hazardous waste to CHWTSDF • Construction waste (Empty Cement Bags, Paint container, other Barrels & Scrap metal) will be handed over/sold to Authorized recyclers	Contractor/ Proponents	--

6	Vehicular movement • Increase in traffic • Air emissions & Noise • Oil leaks	• Proper traffic management for the construction vehicles • Provision of oil and grease traps to the Storm water drains • Regular maintenance of vehicles with	Project Manager	--
		suitable enclosures and intake silencers • Planning and ensuring effective implementation of the waste movement plan for loading and offsite movement in non-traffic hours		
7	Use of DG sets may leads to air and noise pollution	• DG sets with inbuilt acoustic enclosures • Site barricading • Regular maintenance	Project Manager	--
8	Impact on health of workers Accidents, Hazards, injuries to workers	• Adequate drinking water, canteen, toilet and bathing facilities • First aid facility • Regular health checkup of workers • Risk assessment and preparation of disaster management plan • Provision of temporary water tank for firefighting and appropriate fire suppression measures • Safety educational and awareness programme • Proper security arrangements	Safety officer	--
OPERATION PHASE				
1.	Increase in water demand	• Use of treated sewage for flushing (132 CMD) and gardening (19 CMD) • Use of Treated Waste Water for flushing and gardening resulting in reduction of Net water demand by 54 %	Project Proponents/ Society/ Facility Management system	Water Act 1974 as amended
2.	Sewage generation	• Provision of STP of capacity 370 CMD for treatment of sewage up to tertiary level. • Proper operation and maintenance of STP and Daily analysis of general parameters like pH, BOD, COD and TSS & O & G of the STP outlet to ensure good treatment of waste water with the help of sensors • Ventilation around the STP • Proper arrangements for sludge handling and disposal	Project Proponents/ Society/ Facility Management system	--

3.	Incremental Runoff from site	- Minimizing the incremental runoff from the site with the help of rain water harvesting pits - Proper management of channelization of storm water from site by using proper internal SWD system and two discharge points of having adequate Capacity	Project Proponents/ Society/ Facility Management system	
		- Use of screens and silt traps to SWD - Proper maintenance of storm water drainage to avoid choking of drains and flooding on site - Ensure discharge of storm water from the site is clear of sediment and pollution - Provision of sump pumps - External drain of adequate capacity		
4.	Power demand	Provision of energy saving measures: As per MSEDCL requirements, we are planned to use high efficiency Transformer & to reduce losses. Losses for Transformer will be as per IS standards & ECBC norms. Following are the Energy efficient fixtures should be used in our project for energy conservation :-	Project Proponents/ Society/ Facility Management system	
5.	Use of DG sets may lead to air and noise pollution	- Stack height as per CPCB norms - DG sets with inbuilt acoustic enclosures	Project Proponents/ Society/ Facility Management system	CPCB specification

6.	Vehicular movement • Increase in traffic • Air emissions & Noise • Contamination of soil (if any) leads to Oil leaks	• Provide adequate traffic signs and signage's to notify residents • Install safety mirrors to aid visibility in conflict points • Prevent parking near the Entry and Exit Gate • Provide speed humps to regulate speed of vehicles • Provide pedestrian crossings and dedicated footpath to cater to the walking population • Assign traffic wardens to regulate flow of project traffic during peak hours	Project Proponents/ Society/Facility Management system	--
7.	Odour and unsanitary conditions due to STP and Composting of biodegradable garbage	• Ventilation around STP and OWC area • Proper housekeeping and maintenance	Project Proponents/ Society/ Facility Management system	Air act 1981, as amended
8.	Municipal waste & other solid waste generation	• Informing and educating occupants for solid waste management • Provision of adequate space (OWC) for solid waste management. Proper	Project Proponents/ Society/ Facility	--
		segregation on site to biodegradable and non-biodegradable. • Non-recyclable waste (593 kg/day): To PMC • Biodegradable waste (869 kg/day) Treatment in Organic Waste Converter (OWC) • End product from OWC and sludge generated from STP shall be used as manure on site • Quarterly monitoring of manure	Management system	
9	Disasters like Fire, lightning, Earthquake etc.	• Preparation of Disaster Management Plan • Provision of Safety officer, Security and First aid team • Regular review of DMP and mock drill • Effective implementation of DMP	Safety Officer	CFO NOC

PART III

ALLOCATION MADE FOR ENVIRON-MENTAL MANAGEMENT PLANS

DURING OPERATION PHASE:

CAPITAL INVESTMENT FOR ECOFRIENDLY FEATURES

Sr.no.	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Environmental Monitoring	--	0.182
2	RWH	8.00	0.9
3	STP	120	9.0
4	Solar PV Cells	122.05	4.16
5	Gardening	44.54	7.13
6	Solid waste management	25.75	5.92
	Total	110.22	21.64



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

सत्यमेव जयते

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date: March 26, 2019

To,
Mr. Sunil Rameshwardas Agarwal
at At - Sr. n. 12, Dhanori Pune

Subject: Environment Clearance for Environment Clearance for Proposed Residential & Commercial Project at Sr. no. 12, Dhanori, Pune By M/s. Krishna Nirmaan Skyscraper LLP

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-III, Maharashtra in its 74th meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 161st meetings.

2. It is noted that the proposal is considered by SEAC-III under screening category 8 (a) -building and construction project as per EIA Notification 2006.

Brief Information of the project submitted by you is as below :-

1.Name of Project	Proposed Residential & Commercial Project
2.Type of institution	Private
3.Name of Project Proponent	Mr. Sunil Rameshwardas Agarwal
4.Name of Consultant	Vke:Environmental LLP, Pune.
5.Type of project	Residential & Commercial project
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment in Earlier EC Earlier EC Number: SEAC-2010/CR.893/TC.2
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes. The project has been granted environmental clearance vide letter SEAC-2010/CR.893/TC.2
8.Location of the project	At - Sr. n. 12, Dhanori Pune
9.Taluka	Haveli
10.Village	Dhanori
Correspondence Name:	Mr. Sunil Rameshwardas Agarwal
Room Number:	--
Floor:	--
Building Name:	--
Road/Street Name:	1 New Bazar
Locality:	Khadaki
City:	Pune
11.Area of the project	PMC
12.IOD/IOA/Concession/Plan Approval Number	Under process
	IOD/IOA/Concession/Plan Approval Number: Under process
	Approved Built-up Area: 00

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Shri. Anil Diggikar (Member Secretary SEIAA)

13.Note on the initiated work (If applicable)	Excavation & Construction work as per old EC was initiated by previous developer.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	24000
16.Deductions	2478.59(DP road+reservation) Balance plot area- 21521.41
17.Net Plot area	18343.20
18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): 47125.21
	Non FSI area (sq. m.): 39502.49
	Total BUA area (sq. m.): 86627.70
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 00
	Approved Non FSI area (sq. m.): 00
	Date of Approval: 16-07-2018
19.Total ground coverage (m2)	6295.43
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	34.32
21.Estimated cost of the project	1380650960.00

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22.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
23.Total Water Requirement				
Dry season:	Source of water	PMC		
	Fresh water (CMD):	270		
	Recycled water - Flushing (CMD):	132		
	Recycled water - Gardening (CMD):	19		
	Swimming pool make up (Cum):	6.0		
	Total Water Requirement (CMD) :	427		
	Fire fighting - Underground water tank(CMD):	300		
	Fire fighting - Overhead water tank(CMD):	20 per building		
	Excess treated water	210		
Wet season:	Source of water	PMC		
	Fresh water (CMD):	270		
	Recycled water - Flushing (CMD):	132		
	Recycled water - Gardening (CMD):	0		
	Swimming pool make up (Cum):	6.0		
	Total Water Requirement (CMD) :	408		
	Fire fighting - Underground water tank(CMD):	300		
	Fire fighting - Overhead water tank(CMD):	20 per building		
	Excess treated water	229		
Details of Swimming pool (If any)	Swimming pool size 18'.0" X 30'.0" Make up water- 6.0 Kld Pressure Sand Filter Will be used for Swimming Pool Water Filtration.			

24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

25.Rain Water Harvesting (RWH)	Level of the Ground water table:	Pre monsoon : 6 m bgl ,Post monsoon : 4.5 m bgl
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	5 no. of recharge shafts
	Size of recharge pits :	0.9m x1.5m
	Budgetary allocation (Capital cost) :	Rs. 8,00,000/-
	Budgetary allocation (O & M cost) :	Rs. 90,000/-
	Details of UGT tanks if any :	Domestic water storage =255.6 KLD Commercial water storage= 10 KLD Raw water storage= 127.8 KLD Fire fighting water storage =300 KLD

26.Storm water drainage	Natural water drainage pattern:	The storm water drainage will be designed according to contours.
	Quantity of storm water:	293.15 m3/day
	Size of SWD:	200mm-600mm

27.Sewage and Waste water	Sewage generation in KLD:	361 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	2 nos. of STP's with 220 KLD & 150KLD Capacity
	Location & area of the STP:	On ground, Total Area is STP -I (220KLD) 100 Sq.mtr and STP -II (150KLD) 73 Sq.mtr.
	Budgetary allocation (Capital cost):	STP -I Rs. 70 Lacs and STP -II Rs. 50 Lacs Total- 1.20 Cr.
	Budgetary allocation (O & M cost):	STP -I Rs. 5.0 Lacs and STP -II Rs. 4.0 Lacs Total- 9 Lacs/year

28.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	20 kg/day (Wet+Dry)
	Disposal of the construction waste debris:	The maximum construction waste will be used within the site for leveling purposes and base course preparation of internal approach roads.
Waste generation in the operation Phase:	Dry waste:	593 kg/day
	Wet waste:	869 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	123 kg/day
	Others if any:	E-waste- 4.3 kg/day
Mode of Disposal of waste:	Dry waste:	Handed over to Swach for further handling & disposal purpose
	Wet waste:	Wet waste will be treated through onsite organic waste converter machine
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be used as manure
	Others if any:	E-waste-Handed over to authorized recycler for further handling & disposal purpose
Area requirement:	Location(s):	On ground
	Area for the storage of waste & other material:	16 sq. mt.
	Area for machinery:	64 sq. mt.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 25,75,000/-
	O & M cost:	Rs. 5,92,101 /-

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Maharashtra

29.Effluent Charecterestics					
Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			
Amount of treated effluent recycled :		Not applicable			
Amount of water send to the CETP:		Not applicable			
Membership of CETP (if require):		Not applicable			
Note on ETP technology to be used		Not applicable			
Disposal of the ETP sludge		Not applicable			



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30.Hazardous Waste Details							
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

31.Stacks emission Details						
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

32.Details of Fuel to be used				
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

33.Source of Fuel	Not applicable
34.Mode of Transportation of fuel to site	Not applicable

35.Energy		
Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	75 KW
	DG set as Power back-up during construction phase	1 X 125 KVA
	During Operation phase (Connected load):	3872 KW
	During Operation phase (Demand load):	1829 KW
	Transformer:	3 nos. X 630 KVA
	DG set as Power back-up during operation phase:	2 X 180 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA
Energy saving by non-conventional method:		
Solar PV Panels Timer logic controller Electronic V3F drive for lifts Solar water heater		

36.Detail calculations & % of saving:	
SEIAA Meeting No: 161 Meeting Date: March 15, 2019 (SEIAA-STATEMENT-0000001460) SEIAA-MINUTES-0000001764 SEIAA-EC-0000001433 Page 7 of 14  Shri. Anil Diggikar (Member Secretary SEIAA)	

Serial Number	Energy Conservation Measures		Saving %	
1	Solar PV Panels, Timer logic controller, Electronic V3F drive for lifts , Solar water heater		15.6	
37.Details of pollution control Systems				
Source	Existing pollution control system		Proposed to be installed	
Not applicable	Not applicable		Not applicable	
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	122.05 Lac		
	O & M cost:	4.16 Lac		
38.Environmental Management plan Budgetary Allocation				
a) Construction phase (with Break-up):				
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)	
1	Air Environment	Erosion control - dust suppression measures, barricading and top soil preservation	22.13	
2	Land	Labour Camp Toilets & Sanitation	4.80	
3	Health and Safety	Labour Safety Equipments and Training	4	
4	Health & Safety	Disinfection and Health Check-ups	0.51	
5	Environment Management	Environmental Monitoring	1.85	
6	Environment Management	Environment ManagementCell	1.75	
b) Operation Phase (with Break-up):				
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant	2 nos of STP's -MBBR Technology	120.0	9.0
2	Solid Waste Management	SM 50	25.75	5.92
3	Landscaping	Development and Maintenance	44.54	7.13
4	Rain Water Harvesting	5 Recharge shafts	8.00	0.9
5	Energy Saving	Solar PV panels	122.05	4.16
6	Environmental Monitoring	-	0	1.82
39.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)				

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
40.Any Other Information							
No Information Available							



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	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8 (a) -building and construction project
	Court cases pending if any	NA
	Other Relevant Informations	The project area is in a residential zone. Proposed project consists of 8 residential wings having 568 flats + 1 commercial building + 1 club house
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

3. The proposal has been considered by SEIAA in its 161st meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:

Specific Conditions:

I	PP to submit water supply NOC.
II	PP to upload STP details.
III	PP to submit revise fire tender movement plan so that all the flats can get access to fire tender.
IV	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF & CC vide F.No.22-34/2018-IA.III dt.04.01.2019.
V	PP to submit CER plan to Municipal Commissioner, Pune Municipal Corporation and submit the acknowledgement copy to submitted to Member Secretary, SEIAA.
VI	SEIAA decided to grant EC for : FSI: 44495.96 m2, Non FSI: 42720.09 m2 & Total BUA: 87216.05 m2. (IOD no.CC/2367, Approval Date- 31.10.2018)

General Conditions:

I	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
II	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.
III	This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.
IV	PP has to abide by the conditions stipulated by SEAC& SEIAA.
V	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
VI	If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.
VII	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.

VIII	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
IX	The solid waste generated should be properly collected and segregated. dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
X	Disposal of muck 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.
XI	Arrangement shall be made that waste water and storm water do not get mixed.
XII	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
XIII	Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
XIV	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
XV	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
XVI	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.
XVII	Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
XVIII	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
XIX	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.
XX	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
XXI	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 should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.
XXII	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 27th August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).
XXIII	Ready mixed concrete must be used in building construction.
XXIV	Storm water control and its re-use as per CGWB and BIS standards for various applications.
XXV	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
XXVI	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
XXVII	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.
XXVIII	Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.
XXIX	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.
XXX	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.
XXXI	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.
XXXII	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.

XXXIII	Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.
XXXIV	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.
XXXV	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
XXXVI	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.
XXXVII	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 aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
XXXVIII	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
XXXIX	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.
XL	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.
XLI	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.
XLII	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.
XLIII	Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.
XLIV	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
XLV	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
XLVI	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.
XLVII	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
XLVIII	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.
XLIX	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://ec.maharashtra.gov.in .
L	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
LI	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.

LII	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
LIII	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
LIV	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.



Government of Maharashtra

4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.

8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D- Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

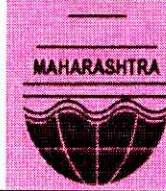
Shri. Anil Diggikar (Member Secretary SEIAA)

Copy to:

1. SHRI JOHNY JOSEPH, CHAIRMAN-SEIAA
2. SHRI UMAKANT DANGAT, CHAIRMAN-SEAC-I
3. SHRI M.M.ADTANI, CHAIRMAN-SEAC-II
4. SHRI ANIL .D. KALE. CHAIRMAN SEAC-III
5. SECRETARY MOEF & CC
6. IA- DIVISION MOEF & CC
7. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
8. REGIONAL OFFICE MOEF & CC NAGPUR
9. MUNICIPAL COMMISSIONER PUNE
10. MUNICIPAL COMMISSIONER SATARA
11. REGIONAL OFFICE MPCB PUNE
12. REGIONAL OFFICE MIDC PUNE
13. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
14. COLLECTOR OFFICE PUNE
15. COLLECTOR OFFICE SATARA
16. COLLECTOR OFFICE SOLAPUR

MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 24010437/24020781
/24037124/24035273
Fax : 24044532/24024068
/24023516
Email : jdwater @mpcb.gov.in
Visit At : <http://mpcb.gov.in>



Kalpatur Point, 3rd & 4th floor,
Sion- Matunga Scheme Road No. 8,
Opp. Cine Planet Cinema, Near Sion Circle,
Sion (E), Mumbai - 400022

Infrastructure /Red/LSI

Consent order No: Format1.0/BO/JD (WPC)/UAN-072406/CE/CC- 2003001180

Date 17/03/2020

To,
M/s. Krisna Nirmaan Skyscraper LLP,
S. No. 12, Dhanori, Pune, Tal: Haveli, Dist: Pune.

Sub: Consent to Establish for Construction of Residential & Commercial Projects granted under Red Category.

Ref: 1. Your Application vide UAN No. -0000072406 Dated: 03/05/2019.
2. Minutes of 12th Consent Committee meeting held on 06/02/2020 and 14/02/2020

For: Consent to Establish for Construction of Residential & Commercial project under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 5 of the Hazardous and Other Wastes (M & TM) Rules, 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The consent is granted for a period up to commissioning of the project or of 5 years whichever is earlier.
2. The proposed capital investment of the project is **Rs.138.06 Cr.**
(As per C.A certificate submitted by project proponent)

The Consent to Establish is valid for construction of Residential & Commercial Project named as **M/s. Krisna Nirmaan Skyscraper LLP, S. No. 12, Dhanori, Pune, Tal: Haveli, Dist: Pune**, for total plot area of **24,000.00 Sqm** and Proposed total construction built up area **86,627.70 Sqm**, as per EC dt. 26/03/2019, including utilities and services as per Commencement Certificate issued by local body.

3. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr. No.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	NIL	NA	NA
2.	Domestic effluent	361.00	As per Schedule -I	60% should be reused & recycled and remaining should be discharged in municipal sewer

4. Conditions under Air (P& CP) Act, 1981 for air emissions:

Sr. No.	Description of stack/ source	Capacity	Number Of Stack	Standards to be achieved
1.	DG Set	180 KVA	2	As Per Schedule -II

5. Conditions under Solid Waste Management Rules, 2016:

Sr. no.	Type Of Waste	Quantity & UOM	Treatment	Disposal
1	Wet garbage	869.00 Kg/Day	Organics waste Converter with composting facility / Biogas digester with composting facility	Used as Manure
2	Dry garbage	593.00 Kg/Day	--	Segregate and Hand over to Local Body for recycling
3.	STP sludge	123.00 Kg/day	STP	Used as manure

6. Conditions under Hazardous and Other Wastes (M & TM) Rules, 2016 for treatment and disposal of hazardous waste; NIL.
7. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same should be binding on the industry.
8. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
9. Project Proponent shall comply the Construction and Demolition Waste Management Rules, 2016 which is notified by Ministry of Environment, Forest and Climate Change dtd.29/03/2016.
10. Project Proponent shall submit an affidavit in Board's prescribed format within 15 days regarding the compliance of conditions of EC/CRZ clearance and C to E.
11. Project Proponent shall install online monitoring systems for BOD, TSS and flow at the outlet of STP.
12. Project Proponent shall provide Organic waste digester with composting facility or Biogas digester with composting facility.
13. The applicant should comply with the conditions stipulated in Environmental Clearance Obtained from SEIAA, Environment Department, Government of Maharashtra, dt.26/03/2019 for total plot area **24,000.00 Sqm** and total construction BUA **86,627.70 Sqm**.

**For and on behalf of the
Maharashtra Pollution Control Board**

**(E. Ravendiran, IAS)
Member Secretary**

Received Consent fee of –

Sr. No.	Amount (Rs.)	Transaction. No.	Date	Drawn On
1	2761301/-	KKBKR52019081600775401	16/08/2019	Kotak Mahindra Bank Ltd

Copy to:

1. Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pune-I -- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Mumbai.
3. CC desk- for record & website updating purposes.

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your application, you have proposed to install of Sewage Treatment Plants (STP) with the design capacity of **380 CMD**

B] The Applicant shall operate the effluent treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

1.	pH	Between	6.5 to 9.0
2.	Total Suspended Solids	Not more than	20 mg/l.
3.	BOD 3 Days 27 degree C	Not more than	10 mg/l.
4.	Chemical oxygen Demand (COD)	Not to more than	50 mg/l.
5.	NH4 N	Not more than	5 mg/l.
6.	N Total	Not more than	10 mg/l.
7.	Fecal Coliform MPN/100 MI	Less than	100.0

C) The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, firefighting, on land for gardening etc and remaining shall be discharged in to the municipal sewerage system.

D] Project proponent shall operate STP for five years from the date of obtaining occupation certificate.

The Board reserves its rights to review plans, Specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant should obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto

- 2) The industry should ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 3) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Domestic purpose	402.00

- 4) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time.

Schedule-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have proposed to install the Air pollution control (APC) system and also proposed to erect following stack (s) and to observe the following fuel pattern-

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type Of Fuel	Quantity	UOM	S%	SO ₂
1.	DG Set (180 KVA)	Acoustic enclosure	3.00	HSD	0	Lit/Hr	--	--
2.	DG Set (180 KVA)	Acoustic enclosure	3.00	HSD	0	Lit/Hr	--	--

* Above roof of the building in which it is installed.

2. The applicant should operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards.

Particulate matter	Not to exceed	150 mg/Nm ³ .
--------------------	---------------	--------------------------

3. The Applicant should obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement alteration well before its life come to an end or erection of new pollution control equipment. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

Schedule-III
Details of Bank Guarantees

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Consent to Establish	Rs. 10 lakh	15 Days	Towards Compliance of EC and consent conditions.	Up to Commissioning of the project	Up to Commissioning of the project

Maharashtra Pollution Control Board

Schedule-IV

General Conditions:

The following general conditions shall apply as per the type of the industry.

- 1) The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2) The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and environmental protection Act 1986 and Solid Waste Management Rules, 2016 and E-Waste (Management) Rules, 2016.
- 3) Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4) 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.
- 5) Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
 - d) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - e) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - f) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - g) D.G. Set shall be operated only in case of power failure.
 - h) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - i) The applicant shall comply with the notification of MOEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- 6) Solid Waste – The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rules, 2016 & E-Waste (M) Rules, 2016.
- 7) Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 8) The treated sewage shall be disinfected using suitable disinfection method
- 9) The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992
- 10) The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd and
4th floor, Opp. Cine Planet
Cinema, Near Sion Circle,
Sion (E), Mumbai-400022

Infrastructure/RED/M.S.I

No:- Format1.0/CC/UAN No.0000138923/CO/2305001926

Date: 25/05/2023

To,
M/s. Krisna Nirmaan Skyscraper LLP,
Sr. No. 12, Dhanori,
Tal Haveli, Dist Pune



Your Service is Our Duty

Sub: Consent to operate(part-I) for residential & commercial construction project under Red Category

- Ref:
1. Consent to establish granted vide No Format1.0/BO/RO/JD(WPC)/UAN No 072406/CE/CC-2003001180 dtd 17.03.2020
 2. Minutes of 3rd Consent Committee Meeting of 2023-24 held on 12.5.2023

Your application NO. MPCB-CONSENT-0000138923

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I,II,III & IV annexed to this order:

1. The Consent to operate(part-I) is granted for period up to 30.04.2024
2. The capital investment of the project is Rs.42.87 Cr. (As per C.A Certificate submitted by industry).
3. The Consent to Operate(Part-I) is valid for construction project named as M/s. Krisna Nirmaan Skyscraper LLP, Sr. No. 12, Dhanori , Tal Haveli, Dist Pune on Total Plot Area of 24000.00 SqMtrs for completed part-I total construction BUA of 57967.75 SqMtrs out of proposed Total Construction BUA of 87216.05 SqMtrs as per specific condition of EC granted dated 26.03.2019 including utilities and services

Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)
1	Environmental clearance dtd 26.03.2019	24000.00	87216.05
2	Consent to Establish dtd 17.03.2020	24000.00	86627.70

4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr No	Description	Permitted (in CMD)	Standards to	Disposal
1.	Trade effluent	Nil	NA	NA

Sr No	Description	Permitted	Standards to	Disposal
2.	Domestic effluent	361	As per Schedule - I	The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
S-1, S-2	DG Sets, 2 Nos 180 kVA each	02	As per Schedule -II

6. **Conditions under Solid Waste Rules, 2016:**

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Wet waste	869 Kg/Day	OWC & Composting	As Manure
2	Dry Waste	593 Kg/Day	Segregation	To Local Body
3	Dry Sludge	123 Kg/Day	Dewatering	As Manure

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste:**

Sr No	Category No.	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	50	Ltr/A	Reprocessing	To Authorized Reprocesser

8. **Conditions under E-Waste Management:**

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	E Waste	4.30	Kg/Day	To Authorized Dismantler

- The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
- Project Proponent shall install online monitoring system for the parameter pH, SS, BOD and flow at the outlet of STP.
- Project Proponent shall operate the Organic waste digester with composting facility or biodigester with composting facility effectively
- The project proponent shall make provision of charging of electric vehicles in atleast 30 % of total available parking area.
- The Project Proponent shall comply with the Environmental Clearance obtained vide No SEIAA-EC-0000001433 dtd 26.03.2019 for construction project having total plot area 24000 Sq.Mtrs. & proposed total construction BUA of 87216.05 SqMtr per specific condition of EC.

15. PP shall submit an affidavit in Boards prescribed format within 15 days regarding compliance of C to O & Environmental Clearance.
- . This consent is issued as per communication letter dated 03/11/2022 which is approved by competent authority of the board.

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	75000.00	MPCB-DR-12873	09/02/2023	NEFT
2	329794.00	TXN2305000794	08/05/2023	Online Payment
3	75000.00	TXN2305000796	08/05/2023	Online Payment

PP has paid penal fees of Rs 329794

Copy to:

1. Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pune I
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your application, you have provided MBBR based Sewage Treatment Plants (STPs) of combined capacity **220 CMD for treatment of domestic effluent of 361 CMD.**
- B] The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr.No	Parameters	Limiting concentration not to exceed in mg/l, except for pH
1	pH	5.5-9.0
2	BOD	10
3	COD	50
4	TSS	20
5	NH4 N	5
6	N-total	10
7	Fecal Coliform	less than 100

- C] The treated domestic effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and connected to the sewerage system provided by local body.
- 2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.
 - 3) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
 - 4) **The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, and other provisions as contained in the said act.**

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	242.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

- 5) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

- 1) **As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) and to observe the following fuel pattern-**

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1,S-2	DG Sets-2 Nos, 180 kVA each	Acoustic Enclosure	3.00	HSD 36 Ltr/Hr	1	SO ₂	17.28 Kg/Day

- 2) The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards.

Total Particular matter	Not to exceed	150 mg/Nm ³
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- 3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement well before its life come to an end or erection of new pollution control equipment.
- 4) The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- 5) **Conditions for utilities like Kitchen, Eating Places, Canteens:-**
- The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
 - The toilet shall be provided with exhaust system connected to chimney through ducting.
 - The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).
 - The exhaust hot air from A.C. shall be attached to Chimney at least 5 mtrs. higher than the nearest tallest building through ducting and shall discharge into open air in such a way that no nuisance is caused to neighbors.

SCHEDULE-III

Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to O(part-I)	Rs 10 Lakhs	15 Days	Operation & Maintenance of Pollution Control Systems and compliance of consent conditions	Continious	31.08.2024

** The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.
Existing BG obtained for above purpose if any may be extended for period of validity as above.

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				



SCHEDULE-IV

General Conditions:

1. Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that e-waste generated by them is channelised through collection centre or dealer of authorised producer or dismantler or recycler or through the designated take back service provider of the producer to authorised dismantler or recycler
2. Bulk consumers of electrical and electronic equipment listed in Schedule I shall maintain records of e-waste generated by them in Form-2 and make such records available for scrutiny by the concerned State Pollution Control Board
3. Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that such end-of-life electrical and electronic equipment are not admixed with e-waste containing radioactive material as covered under the provisions of the Atomic Energy Act, 1962 (33 of 1962) and rules made there under;
4. Bulk consumers of electrical and electronic equipment listed in Schedule I shall file annual returns in Form-3, to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates. In case of the bulk consumer with multiple offices in a State, one annual return combining information from all the offices shall be filed to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates.
5. The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
6. The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act 1986 and Solid Waste Management Rule 2016, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011.
7. Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
8. 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.
9. Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.

- f) D.G. Set shall be operated only in case of power failure.
- g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
- h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
- 10 Solid Waste - The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rule 2016 & E-Waste (M & H) Rule 2011.
- 11 Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 12 Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
- 13 The treated sewage shall be disinfected using suitable disinfection method.
- 14 The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
- 15 The applicant shall make an application for renewal of the consent at least 60 days before date of the expiry of the consent.

This certificate is digitally & electronically signed.



MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd, 3rd
and 4th floor, Opp. Cine
Planet Cinema, Near Sion
Circle, Sion (E),
Mumbai-400022

Infrastructure/RED/L.S.I

No:- Format1.0/CC/UAN No.0000176713/CO/2405000914

Date: 09/05/2024

To,
M/s. Krisna Nirmaan Skyscraper LLP,
S No. 12, Dhanori,
Pune



Your Service is Our Duty

Sub: Consent to operate(part-II) for residential & commercial construction project (building F & G) under Red Category

- Ref:**
1. Consent to Establish vide No Format1.0/BO/RO/JD(WPC)/UAN No 072406/CE/CC-2003001180 dtd 17.03.2020
 2. Consent to Operate (part-I) vide NO Format1.0/CC/UAN No.0000138923/CO/2305001926 dtd 25.05.2023
 3. Minutes of 28th Consent Committee Meeting of 2023-24 held on 08.02.2024
 4. Minutes of 1st Consent Committee Meeting of 2024-25 held on 18.04.2024

Your application NO. MPCB-CONSENT-0000176713

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I,II,III & IV annexed to this order:

1. **The Consent to operate(Part-II) is granted for period up to 31.03.2025**
2. **The capital investment of the project is Rs.35.67 Cr. (As per C.A Certificate submitted by industry).**
3. **The Consent to Operate (Part-II) is valid for construction project named M/s. Krisna Nirmaan Skyscraper LLP, S No. 12, Dhanori, Pune on Total Plot Area of 24000 SqMtrs for completed Part-II construction BUA of 82216.72 SqMtrs out of Total Construction BUA of 87216.05 SqMtrs as per specific condition of EC granted dated 26.03.2019 including utilities and services**

Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)
1	Environmental clearance dtd 26.03.2019	24000.00	87216.05
2	Consent to Establish dtd 17.03.2020	24000.00	86627.70
3	Consent to Operate(Part-I) dtd 25.03.2023	24000.00	57967.75

4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal
1.	Trade effluent	Nil	NA	NA

Sr No	Description	Permitted	Standards to	Disposal
2.	Domestic effluent	361	As per Schedule - I	The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
S-1, S-2	D.G. Sets-2 Nos, 180 kVA each	02	As per Schedule -II

6. **Conditions under Solid Waste Rules, 2016:**

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	WET WASTE	869 Kg/Day	OWC & Composting	As Manure
2	DRY WASTE	593 Kg/Day	Segregation	To Local Body/Authorized Vendor
3	STP SLUDGE	123 Kg/Day	Dewatering	As Manure

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste:**

Sr No	Category No.	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	100	Ltr/A	Reprocessing	To Authorized Reprocesser

8. **Conditions under E-Waste Management:**

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	E Waste	4.30	Kg/Day	To Authorized Dismantler

- The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
- Project Proponent shall operate the Organic waste digester with composting facility or biodigester with composting facility effectively
- The Project Proponent shall comply with the Environmental Clearance obtained vide No SEIAA-EC-0000001433 dtd 26.03.2019 for construction project having total plot area 24000 Sq.Mtrs. & proposed total construction BUA of 87216.05 SqMtr as per specific condition of EC.

13. PP shall submit an affidavit in Boards prescribed format within 15 days regarding compliance of C to O & Environmental Clearance.

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	75000.00	TXN2307002792	20/07/2023	Online Payment
2	86790.00	TXN2405000304	02/05/2024	Online Payment

PP has paid penal fees of Rs 86790.

Copy to:

1. Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pune I
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your application, you have provided MBBR based Sewage Treatment Plants (STPs) of combined capacity **370 CMD for treatment of domestic effluent of 361 CMD.**
- B] The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr.No	Parameters	Limiting concentration not to exceed in mg/l, except for pH
1	pH	5.5-9.0
2	BOD	10
3	COD	50
4	TSS	20
5	NH4 N	5
6	N-total	10
7	Fecal Coliform	less than 100

- C] The treated domestic effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and connected to the sewerage system provided by local body.
- 2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.
- 3) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 4) **The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, and other provisions as contained in the said act.**

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	427.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Grandening/Other consumption	0

- 5) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

- 1) **As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) and to observe the following fuel pattern-**

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1,S-2	D.G. Sets-180 kVA-2 Nos	Acoustic Enclosure	3.00	HSD 26 Ltr/Hr	1	SO ₂	12.48 Kg/Day

- 2) The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards.

Total Particular matter	Not to exceed	150 mg/Nm ³
-------------------------	---------------	------------------------

- 3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement well before its life come to an end or erection of new pollution control equipment.
- 4) The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- 5) **Conditions for utilities like Kitchen, Eating Places, Canteens:-**
- The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
 - The toilet shall be provided with exhaust system connected to chimney through ducting.
 - The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).
 - The exhaust hot air from A.C. shall be attached to Chimney at least 5 mtrs. higher than the nearest tallest building through ducting and shall discharge into open air in such a way that no nuisance is caused to neighbors.

SCHEDULE-III

Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to O(part-II)	Rs 10 Lakhs	Existing/Extend	Operation & Maintenance of Pollution Control Systems and compliance of consent conditions	Continuous	31.03.2026

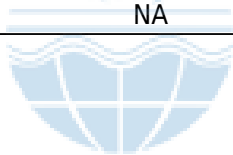
** The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.
Existing BG obtained for above purpose if any may be extended for period of validity as above.

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				



SCHEDULE-IV

General Conditions:

1. Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that e-waste generated by them is channelised through collection centre or dealer of authorised producer or dismantler or recycler or through the designated take back service provider of the producer to authorised dismantler or recycler
2. Bulk consumers of electrical and electronic equipment listed in Schedule I shall maintain records of e-waste generated by them in Form-2 and make such records available for scrutiny by the concerned State Pollution Control Board
3. Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that such end-of-life electrical and electronic equipment are not admixed with e-waste containing radioactive material as covered under the provisions of the Atomic Energy Act, 1962 (33 of 1962) and rules made there under;
4. Bulk consumers of electrical and electronic equipment listed in Schedule I shall file annual returns in Form-3, to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates. In case of the bulk consumer with multiple offices in a State, one annual return combining information from all the offices shall be filed to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates.
5. The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
6. The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act 1986 and Solid Waste Management Rule 2016, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011).
7. Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
8. 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.
9. Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.

- f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
- 10 Solid Waste - The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rule 2016 & E-Waste (M & H) Rule 2011.
 - 11 Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
 - 12 Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
 - 13 The treated sewage shall be disinfected using suitable disinfection method.
 - 14 The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
 - 15 The applicant shall make an application for renewal of the consent at least 60 days before date of the expiry of the consent.

This certificate is digitally & electronically signed.





TEST REPORT

Report No:	EFEL/PRO/2024/11/927	Issue Date	18/11/2024
Name and Address of Customer	Proposed Residential & Commercial Project By M/s. Krisna Nirmaan Skyscraper LLP at Sr. No. 12, Dhanori, Pune Maharashtra.		
Sample Name	Air	Sample Description	Ambient Air
Date of Sampling	11/11/2024	Sampling duration	24 hrs
Start Date of Analysis	12/11/2024	End Date of Analysis	18/11/2024
Sampling Location	Near Main Gate	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	29°C	Wet bulb temperature	24°C
Relative Humidity	64 %	Sampling done by	Eurofine Enviro Lab Pvt. Ltd.

Results

Sr. No.	Parameter	Result	Unit(s)	Specifications (NAAQ Standards)	Method
1	Sulphur Dioxide(SO ₂)	19.8	µg/m ³	≤ 80	IS 5182(Part 2)
2	Oxides of Nitrogen(NO ₂)	24.6	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	50.3	µg/m ³	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM _{2.5}	29.8	µg/m ³	≤ 60	
5	Carbon Monoxide (CO)	0.3	mg/m ³	≤ 04	
6	Ozone(O ₃)	BDL	µg/m ³	≤ 180	
7	Lead (Pb)	BDL	µg/m ³	≤ 01	
8	Arsenic(As)	BDL	ng/m ³	≤ 06	
9	Nickel(Ni)	BDL	ng/m ³	≤ 20	
10	Ammonia(NH ₃)	BDL	µg/m ³	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/ m ³	≤ 1.0	
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	IS 5182 (Part 11)

Remark-

- All above results are within National Ambient Air Quality standards.
- BDL – Below Detectable Limit.



Shelar

Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)

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Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India.

Registered Address: Flat No. A-5, Balaji palace, Kharadi Road,
Chandan Nagar. Tal. Haveli, Dist. Pune - 411014.

Certifications: ISO 9001 : 2015
• ISO 14001: 2015 • ISO 48001 : 2018



TEST REPORT

Report No:	EFEL/PRO/2024/11/928	Issue Date	18/11/2024
Name and Address of Customer	Proposed Residential & Commercial Project By M/s. Krisna Nirmaan Skyscraper LLP at Sr. No. 12, Dhanori, Pune Maharashtra.		
Sample Name	Air	Sample Description	Ambient Air
Date of Sampling	11/11/2024	Sampling duration	24 hrs
Start Date of Analysis	12/11/2024	End Date of Analysis	18/11/2024
Sampling Location	Near DG SET	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	29°C	Wet bulb temperature	24°C
Relative Humidity	64 %	Sampling done by	Eurofine Enviro Lab Pvt. Ltd.

Results

Sr. No.	Parameter	Result	Unit(s)	Specifications (NAAQ Standards)	Method
1	Sulphur Dioxide(SO ₂)	17.6	µg/m ³	≤ 80	IS 5182(Part 2)
2	Oxides of Nitrogen(NO ₂)	24.9	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	49.8	µg/m ³	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM _{2.5}	24.3	µg/m ³	≤ 60	
5	Carbon Monoxide (CO)	0.2	mg/m ³	≤ 04	
6	Ozone(O ₃)	BDL	µg/m ³	≤ 180	
7	Lead (Pb)	BDL	µg/m ³	≤ 01	
8	Arsenic(As)	BDL	ng/m ³	≤ 06	
9	Nickel(Ni)	BDL	ng/m ³	≤ 20	
10	Ammonia(NH ₃)	BDL	µg/m ³	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/ m ³	≤ 1.0	
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	IS 5182 (Part 11)

Remark-

- All above results are within National Ambient Air Quality standards.
- BDL – Below Detectable Limit.



Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)



TEST REPORT

Report No:	EFEL/PRO/2024/11/929	Issue Date	18/11/2024
Name and Address of Customer	Proposed Residential & Commercial Project By M/s. Krisna Nirmaan Skyscraper LLP at Sr. No. 12, Dhanori, Pune Maharashtra.		
Sample Name	Air	Sample Description	Ambient Air
Date of Sampling	11/11/2024	Sampling duration	24 hrs
Start Date of Analysis	12/11/2024	End Date of Analysis	18/11/2024
Sampling Location	Near Construction Site	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	29°C	Wet bulb temperature	24°C
Relative Humidity	62 %	Sampling done by	Eurofine Enviro Lab Pvt. Ltd.

Results

Sr. No.	Parameter	Result	Unit(s)	Specifications (NAAQ Standards)	Method
1	Sulphur Dioxide(SO ₂)	16.9	µg/m ³	≤ 80	IS 5182(Part 2)
2	Oxides of Nitrogen(NO ₂)	21.5	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	58.9	µg/m ³	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM _{2.5}	28.9	µg/m ³	≤ 60	
5	Carbon Monoxide (CO)	0.3	mg/m ³	≤ 04	
6	Ozone(O ₃)	BDL	µg/m ³	≤ 180	
7	Lead (Pb)	BDL	µg/m ³	≤ 01	
8	Arsenic(As)	BDL	ng/m ³	≤ 06	
9	Nickel(Ni)	BDL	ng/m ³	≤ 20	
10	Ammonia(NH ₃)	BDL	µg/m ³	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/ m ³	≤ 1.0	IS 5182 (Part 11)
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	

Remark-

- All above results are within National Ambient Air Quality standards.
- BDL – Below Detectable Limit.



Shelar

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(Managing Director)

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TEST REPORT

Report No:	EFEL/PRO/2024/11/930	Issue Date	18/11/2024
Name and Address of Customer	Proposed Residential & Commercial Project By M/s. Krisna Nirmaan Skyscraper LLP at Sr. No. 12, Dhanori, Pune Maharashtra.		
Sample Name	Ambient Noise	Sample Description	--
Date of Sampling	11/11/2024	Sampling duration	--
Sampling done by	Eurofine Enviro Lab Pvt. Ltd.		

Results

Sr. No.	Location	Result dB(A) Day	Result dB(A) Night	Specifications (CPCB Standards dB(A))	Method
1.	Near Main Gate	54.5	44.0	55/45	CPCB Guideline
3.	Near DG SET	53.6	42.5		
4.	Near Construction Site	51.9	43.6		

Remark-

- All above Noise level results are within Central Pollution Control Board Standards limit.
- Day/Night -55/45 dB.



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(Managing Director)

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TEST REPORT

Report No:	EFEL/PRO/2024/11/931	Issue Date	18/11/2024
Name and Address of Customer	Proposed Residential & Commercial Project By M/s. Krisna Nirmaan Skyscraper LLP at Sr. No. 12, Dhanori, Pune Maharashtra.		
Sample Name	Soil	Sample Description	
Date of Sampling	11/11/2024	Sampling Time	12: 30 PM
Start Date of Analysis	12/11/2024	End Date of Analysis	18/11/2024
Sampling Location	Project Site	Sampling Procedure	--
Sampling done by	Eurofine Enviro Lab Pvt. Ltd.	Sample Quantity	01 kg

Results

Sr. No.	Parameters	Results	Unit(s)	Methods
1	Soil Texture	Sand, Silt, Clay		Manual Of Soil Testing
2	pH at 25°C	7.43	--	IS 2720(Part 26) 1987
3	EC at 25°C	1156.2	µS/cm	IS 14767 : 2000
4	Moisture Content	32.9	%	Manual Of Soil Testing
5	Organic Matter	1.36	%	IS 2720(Part 22) 1972
6	Cation Exchange Capacity	22.5	meq/100g	Manual Of Soil Testing
7	Total Soluble Sulphate	17.3	mg/Kg	Manual Of Soil Testing
8	Available Phosphorus	7.58	mg/Kg	Manual Of Soil Testing
9	Available Nitrogen	257.3	mg/Kg	Manual Of Soil Testing
10	Water Holding	41.3	%	Manual Of Soil Testing
11	Calcium as (Ca)	21.3	mg/Kg	Manual Of Soil Testing
12	Magnesium as (Mg)	12.6	mg/Kg	Manual Of Soil Testing
13	Lead (as Pb)	1.32	mg/Kg	Manual Of Soil Testing
14	Chlorides as Cl	21.3	mg/Kg	Manual Of Soil Testing
15	Zinc (as Zn)	1.32	mg/Kg	Manual Of Soil Testing
17	Iron (as Fe)	4.19	mg/Kg	Manual Of Soil Testing



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(Managing Director)

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TEST REPORT

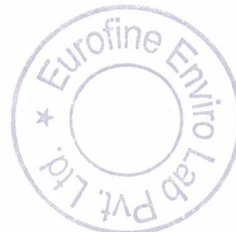
Report No:	EFEL/PRO/2024/11/932	Issue Date	18/11/2024
Name and Address of Customer	Proposed Residential & Commercial Project By M/s. Krisna Nirmaan Skyscraper LLP at Sr. No. 12, Dhanori, Pune Maharashtra.		
Sample Name	Water	Sample Description	Labour Drinking Water
Date of Sampling	11/11/2024	Sampling Time	--
Start Date of Analysis	12/11/2024	End Date of Analysis	18/11/2024
Sampling Location	--	Sampling Procedure	APHA 1060
Sampling done by	Eurofine Enviro Lab Pvt.Ltd.	Sample Quantity	2 Ltr

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (IS 10500)	Methods
1	pH at 25°C	7.16	--	6.5 to 8.5	APHA 4500 H+ A, 24 th Ed.2023
2	Total Dissolved Solids TDS	99.8	mg/L	<500	APHA 2540 C, 24 th Ed.2023
3	Total Hardness (as CaCO ₃)	54.3	mg/L	<200	IS 3025 (Part 21)
4	Total Alkalinity	11.0	mg/L	<200	IS 3025 (Part 23)
5	Sulphate (as SO ₄)	15.6	mg/L	<200	IS 3025 (Part 24)
6	Nitrate(as NO ₃)	0.34	mg/L	<45	APHA 4500 NO3, 24 th Ed.2023
7	Fluoride (as F)	<0.05	mg/L	<1.0	APHA 4500 F, 24 th Ed.2023
8	Residual Free Chlorine	<0.05	mg/L	<0.2	APHA 4500 Cl, 24 th Ed.2023
9	Chloride (as Cl)	21.3	mg/L	<250	APHA 4500 Cl-, 24 th Ed.2023
10	Calcium (as Ca)	14.3	mg/L	<75	IS 3025 (Part 40)
11	Magnesium (as Mg)	5.1	mg/L	<30	IS 3025 (Part 46)
12	Iron (as Fe)	<0.05	mg/L	<0.3	APHA 3111, 24 th Ed.2023
13	Total Coliform	<2	MPN/100ml	<2	IS 1622:1981
14	E.coli.	<2	MPN/100m	<2	IS 1622:1981

Remark-

- The above water sample is Comply with required limit as per 10500:2012.
- For Total Coliform & E.coli. <2 can be consider as Zero [Refer IS:1622 (R.A.1996), Table No.-4].



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Certifications: ISO 9001 : 2015
• ISO 14001: 2015 • ISO 48001 : 2018