

Paras Nath

From: kumbhar <kumbhar@ultratech.in>
Sent: 27 June 2025 17:52
To: eccompliance-mh ; romumbai ; sromumbai2 ; rdpunecpcb
Cc: Paras Nath; Manvendra Singh; Skyfin Trading and Consultancy Pvt Ltd ; compliance compliance
Subject: Dr. Balabhai Nanavati Hospital - Submission of six monthly compliance status report for proposed 'Expansion of existing 'Dr. Balabhai Nanavati Hospital Building,' at Vile Parle (West), Andheri, Mumbai. Maharashtra @ March 2025.
Attachments: 1_Dr_Balabhai_Nanavati_Hospital_Vile_Parle_Mumbai__June_2025.pdf

Respected Sir / Madam,

With reference to the above subject and Environmental Clearance granted vide letter no. SIA/MH/MIS/262585/2022; dated: 26/05/2023, We hereby submit the current status report of the construction work for the proposed 'Expansion of existing 'Dr. Balabhai Nanavati Hospital Building located at CTS nos. 1403, 1403/1 to 21 and 1403/35, Village: Vile Parle (West), Taluka: Andheri, Mumbai. Maharashtra.'

The status report covers the construction progress and compliance with the EC conditions stipulated in the said Clearance for the period **October 2024 to March 2025**.

We kindly request you to acknowledge receipt of this communication and take the submission on record.

Sincerely yours,

For, **Dr. Balabhai Nanavati Hospital, Dr. Balabhai Nanavati Hospital Building, Vile Parle, Mumbai.**

Thanking You,

Adv. Shekhar Kumbhar

Ultra Tech,
Environmental Consultancy & Laboratory,
(Lab. Gazetted by MoEFCC & Accredited by NABL)
QCI-NABET Accredited EIA Consulting Organization,
ISO 9001:2015 & ISO 45001:2018 Certified Organization,

Address:
224, 225, 206, Jai Commercial Complex, Eastern Express Highway,
Near Cadbury Factory Junction, Khopat, Thane (West), Thane - 400 601. Maharashtra.

Contact:
Mob no. 9322334801 / Ph. no. 022-2538 0198 / 022-2547 4907/ 022-2547 6217.
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Dr. Balabhai Nanavati Hospital

S. V. ROAD, VILE PARLE (WEST), MUMBAI - 400 056.
PHONE : 2626 7500



Date: 27/06/2025

To,

**Ministry of Environment, Forests & Climate Change,
Integrated Regional Offices,
Ground Floor, East Wing, New Secretariat Building,
Civil Lines, Nagpur – 440 001. Maharashtra.**

Sub : Submission of six-monthly compliance status report as per terms & conditions stipulated in Environmental Clearance letter for the proposed Expansion of existing 'Dr. Balabhai Nanavati Hospital Building located at CTS nos. 1403, 1403/1 to 21 and 1403/35, Village: Vile Parle (West), Taluka: Andheri, Mumbai. Maharashtra by Dr. Balabhai Nanavati Hospital.

Ref. No. : Environmental Clearance no. SIA/MH/MIS/262585/2022; dated: 26/05/2023.

Respected Sir / Madam,

In reference to the above referred letter of your highly revered office we would like to submit the current status of our construction work and point-wise compliance status to various stipulations laid down in Environmental Clearance letter no. **SIA/MH/MIS/262585/2022; dated: 26/05/2023** along with the necessary annexure.

This compliance report is submitted for the period from **October 2024 to March 2025**.

This is for your kind consideration and records. Kindly acknowledge the same.

Thanking You,

Yours Sincerely,

For, **Dr. Balabhai Nanavati Hospital**

Authorized Signatory



Encl : Part A: Current status of construction work.
Part B: Point-wise compliance status.
Datasheet & Annexures.

Copy to Regional Office, MPCB, Sion, Mumbai.
Regional Office, CPCB, Pune.
Department of Environment, Mantralaya, Mumbai.



Dr. Balabhai Nanavati Hospital

S. V. ROAD, VILE PARLE (WEST), MUMBAI - 400 056.
PHONE : 2626 7500

NABH ACCREDITED HOSPITAL
ISO 9001:2015 CERTIFIED ORGANISATION

Date: 27/06/2025

To,

**The Member Secretary, Regional Office,
Maharashtra Pollution Control Board,
Kalpataru Point, 1st floor, In front of Cine Planate Theater,
Sion Circle, Shiv (East), Mumbai - 400 022. Maharashtra.**

Sub : Submission of six-monthly compliance status report as per terms & conditions stipulated in Environmental Clearance letter for the proposed Expansion of existing 'Dr. Balabhai Nanavati Hospital Building located at CTS nos. 1403, 1403/1 to 21 and 1403/35, Village: Vile Parle (West), Taluka: Andheri, Mumbai. Maharashtra by Dr. Balabhai Nanavati Hospital.

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Regional Office, CPCB, Pune.
Department of Environment, Mantralaya, Mumbai.



Dr. Balabhai Nanavati Hospital

S. V. ROAD, VILE PARLE (WEST), MUMBAI - 400 056.
PHONE : 2626 7500

NABH ACCREDITED HOSPITAL
ISO 9001:2015 CERTIFIED ORGANISATION

Date: 27/06/2025

To,

The Member Secretary,
State Environment Impact Assessment Authority (SEIAA),
Department of Environment, Government of Maharashtra,
217, 2nd Floor, Mantralaya Annex Building, Madam Cama Road,
Mantralaya, Mumbai – 400 032. Maharashtra.

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Datasheet & Annexures.

Copy to Regional Office, MoEF & CC, Nagpur.
Regional Office, MPCB, Sion, Mumbai.
Regional Office, CPCB, Pune.

Visit us at : www.nanavatihospital.org



Dr. Balabhai Nanavati Hospital

S. V. ROAD, VILE PARLE (WEST), MUMBAI - 400 056.
PHONE : 2626 7500

NABH ACCREDITED HOSPITAL
ISO 9001:2015 CERTIFIED ORGANISATION

Date: 27/06/2025

To,

**Regional Directorate, Pune, Central Pollution Control Board,
(Ministry of Environment, Forest & Climate Change), Govt. of India,
Survey no. 110, Dhankude Multipurpose Hall,
Baner Road, Baner, Pune – 411 045. Maharashtra.**

Sub : Submission of six-monthly compliance status report as per terms & conditions stipulated in Environmental Clearance letter for the proposed Expansion of existing 'Dr. Balabhai Nanavati Hospital Building located at CTS nos. 1403, 1403/1 to 21 and 1403/35, Village: Vile Parle (West), Taluka: Andheri, Mumbai. Maharashtra by Dr. Balabhai Nanavati Hospital.

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Regional Office, MoEF & CC, Nagpur.
Department of Environment, Mantralaya. Mumbai.

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: PART A :

Current Status of Work

Current status of construction work	:	<ul style="list-style-type: none">❖ Total built-up area constructed on site till March 2025 for Phase-1 is 49,646.73 Sqm.❖ Construction is completed of existing 'Dr. Balabhai Nanavati Hospital Building in 1950, and proposed expansion of 'Dr. Balabhai Nanavati Hospital Building is under construction and completed up to 11th floors of Phase-1.	
a.	Date of commencement (Actual and/or planned)	:	18 th February, 2022 (Actual)
b.	Date of completion (Actual and/or planned)	:	June, 2028 (Planned)

: PART B :

Compliance status of conditions stipulated in Environment Clearance letter for the proposed Expansion of existing Dr. Balabhai Nanavati Hospital building located at CTS nos. 1403, 1403/1 to 21 and 1403/35, Vile Parle (West), Andheri, Mumbai, Maharashtra vide EC letter no. SIA/MH/MIS/262585/2022; dated: 26/05/2023.

Specific Conditions:

Sl. No	Stipulated clearance Condition	Compliance Status
#	SEAC Conditions:	
1.	PP to submit IOD/IOA/ Concession Document/ Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions there under as per the Circular dated on 30.01.2014 issued by the Environment Department, Govt of Maharashtra.	❖ MCGM issued Amended Plan Approval Letter (IOD) for the project vide letter no. CE/6538/BSII/AK/337/2/AMEND, dated: 30/12/2021. Copy of the same is enclosed as Annexure-1.
2.	PP to submit architect certificate mentioning there is no change in plot area, layout building profile, environmental parameters, and locations of environmental services which are appraised while sanctioning earlier EC dated 28.05.2019.	❖ The architect certificate stating there is no change in plot area, layout building profile, environmental parameters, and locations of environmental services is enclosed as Annexure-2.
3.	PP to submit affidavit mentioning there is no change in plot area, layout building profile, environmental parameters, and locations of environmental services which are appraised while sanctioning earlier EC dated 28.05.2019.	❖ The affidavit stating there is no change in plot area, layout building profile, environmental parameters, and locations of environmental services is enclosed as Annexure-3.
4.	PP to submit architect certificate with details of FSI & Non-FSI area calculations.	❖ Architect Certificate mentioning the details of FSI & non-FSI area calculations is enclosed as Annexure-4.
5.	PP to submit certified six-monthly compliance report of earlier EC from Regional Office, MOEF&CC, Nagpur.	❖ Regular submission of six-monthly compliance report to MoEF & CC, Regional Office, Nagpur. ❖ Submitted request letter dated: 26/12/2024 to obtain Certified Compliance report (CCR) of earlier EC from Regional Office, MoEF & CC, Nagpur. Now site visit is awaited. ❖ We will submit Certified Compliance Report (CCR) to your good office after receipt of the same.
#	SEIAA Conditions:	
1.	PP to keep open space unpaved so as to ensure permeability of water. However, whenever paving is deemed necessary. PP to provide grass pavers of suitable types & strength to increase the water permeable area as well as to allow effective fire tender movement.	❖ Agreed to comply with.

2.	PP to achieve at least 5% of total energy requirement from solar/ other renewable sources.	❖ Agreed to comply with.
3.	PP shall comply with standard EC conditions mentioned in the Office Memorandum issued by MOEF&CC vide F. No. 22-34/2018-IA.III dated 04.01.2019.	❖ Noted.
4.	SEIAA after deliberation decided to grant EC for – FSI -55,882.93 m ² , non-FSI – 17,587.63 m ² , Total BUA – 73,176.56 m ² . (Plan approval No. CE/6538/BSII/AK/337/2/AMEND dated 30.12.2021) (FSI restricted as per appraisal & non FSI as per approval)	❖ Noted.
#	General Condition-Construction Phase:	
i.	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.	❖ Excavated earth material is being disposed to authorized landfill site with prior permission from MCGM. ❖ Construction waste material shall be Reuse / recycle on site and disposal of remaining waste to the authorized landfill site with prior permission from MCGM. Copy of challan for disposed construction waste is enclosed as Annexure-5 .
ii.	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.	❖ Excavated earth material is being disposed to authorized landfill site with prior permission from MCGM. ❖ Construction waste material shall be Reuse / recycle on site and disposal of remaining waste to the authorized landfill site with prior permission from MCGM.
iii.	Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.	❖ No generation of hazardous waste during construction.
iv.	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.	❖ Adequate drinking water and sanitary facilities has been provided for construction workers at the site.
v.	Arrangement shall be made that wastewater and storm water do not get mixed.	❖ Separate arrangement has been made that waste water and storm water do not get mixed.
vi.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices.	❖ Ready Mixed Concrete (RMC) and curing agents is being used in building construction.
vii.	Permission to draw ground water and construction of basement if any shall be	❖ No any borewell or any ground water drawl for construction as well for operation purpose, hence

	obtained from the competent Authority prior to construction/ operation of the project.	the ground water analysis was not done.
viii.	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	❖ No any borewell or any ground water drawl for construction as well for operation purpose, hence the ground water analysis was not done.
ix.	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.	❖ Low flow fixtures will be provided.
x.	The Energy Conservation Building code shall be strictly adhered to.	❖ Project is designed as per ECBC norms.
xi.	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	❖ Excavated earth material is being disposed to authorized landfill site with prior permission from MCGM. ❖ Construction waste material shall be Reuse / recycle on site and disposal of remaining waste to the authorized landfill site with prior permission from MCGM.
xii.	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 earth material is being disposed to authorized landfill site with prior permission from MCGM. ❖ Construction waste material shall be Reuse / recycle on site and disposal of remaining waste to the authorized landfill site with prior permission from MCGM.
xiii.	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.	❖ Carried out analysis of Soil samples from site and no toxic contaminants noted. As there is no ground water source at the site and in the nearby vicinity, no ground water samples were analyzed.
xiv.	PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975 as amended during the validity of Environment Clearance.	❖ No cutting of trees is involved in the project.
xv.	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.	❖ No use of DG sets in construction phase.
xvi.	Vehicles hired for transportation of Raw material shall strictly comply with the emission norms prescribed by Ministry of Road Transport & Highways Department. The vehicle shall be adequately covered to avoid spillage/leakages.	❖ Project is under construction, only that the vehicles having valid PUC are engaged for the transportation of construction materials to the site. Vehicles are operated only during non-peak hours.
xvii.	Ambient noise levels should conform to residential standards both during the day and night. Incremental pollution loads on the	❖ Ambient air and Noise level monitoring is being carried out. ❖ Copy of Environmental monitoring reports is

	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.	enclosed as Annexure-6.
xviii.	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.	❖ No use of DG sets in construction phase.
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.	❖ Environmental Management Cell has been set up, which is carrying out regular supervision.
#	General Condition-Operation Phase:	
xx.	a) The solid waste generated should be properly collected and segregated. b) Wet waste 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. c) Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.	<ul style="list-style-type: none"> ❖ Provision of adequate space for solid waste management. ❖ Proper segregation on site to Biomedical waste, biodegradable, and non-biodegradable waste. ❖ Biomedical waste will be disposed through Authorized vendor M/s. SMS Envochem BMW Management Pvt. Ltd. ❖ Biodegradable waste will be treated by composting in Organic Waste Converter (OWC). ❖ Non-Biodegradable waste will be disposed through Authorized recyclers. ❖ End product from OWC and sludge generated from STP will be used as manure on site.
xxi.	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	❖ E-waste if any will be stored separately at a common designated location and should be disposed through authorized recyclers as per E-waste (Management) Rules, 2016 and as amended in 2018.
xxii.	a) 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. Treated effluent emanating from STP shall be recycled/ reused to the maximum extent possible. Treatment of	<ul style="list-style-type: none"> ❖ STP of capacity 182 CMD has been installed for existing Dr. Balabhai Nanavati Hospital building. ❖ Also, STP of capacity 650 CMD proposed to treat waste water generated and treated water will be reused for landscaping, flushing and HVAC cooling and remaining water will be discharged to existing municipal sewer line.

	100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP. b) PP to give 100 % treatment to sewage /Liquid waste and explore the possibility to recycle at least 50% of water, Local authority should ensure this.	
xxiii.	Project proponents 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.	❖ STP of capacity 182 CMD and OWC of capacity 300 Kgs/day has been installed for existing Dr. Balabhai Nanavati Hospital building and operational at site.
xxiv.	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.	❖ Construction of existing 'Dr. Balabhai Nanavati Hospital Building is completed in 1950, and proposed expansion of 'Dr. Balabhai Nanavati Hospital Building is under construction; once construction is completed will applied for occupancy certificate. ❖ MCGM issued provisional water (HE) NOC for the Hospital Building vide NOC no. HE/406/EEWW (P&R)/NOC, dated: 09/11/2022. Copy of Water NOC is enclosed as Annexure-7 .
xxv.	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.	❖ Adequate parking provision and proper traffic movement for smooth traffic flow. Provision of traffic control measures to regulate the flow of traffic. ❖ Provision of adequate traffic signs and signages to notify occupants. ❖ No parking near the Entry and Exit gate. Provision of speed humps to regulate speed of vehicles.
xxvi.	PP to provide adequate electric charging points for electric vehicles (EVs).	❖ Noted.
xxvii.	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.	❖ Provision of RG (Recreational Ground) area of 2,364.26 Sqm, with a total 78 trees to be planted. ❖ These, 78 trees have already been planted outside the premises, in lieu of cut trees, as per the approval granted by the BMC Garden Department. ❖ Copy of BMC approval is enclosed as Annexure-8 .
xxviii.	A separate environment management cell with qualified staff shall be set up for	❖ A separate Environmental management cell has been set up, which is carrying out regular

	implementation of the stipulated environmental safeguards.	supervision.
xxix.	Separate funds shall be allocated for implementation of environmental. Protection measures/EMP along with item-wise breaks-up. This 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.	❖ Rs. 25.00 Lakhs have been allocated for the entire Construction period and in operation phase; Capital cost: Rs. 1111.00 Lakhs and O & M cost: Rs. 32.55 Lakhs / Year have been earmarked for EMP.
xxx.	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://parivesh.nic.in	❖ Advertisement has been published in two local newspapers. Copy of advertisement is enclosed as Annexure-9 .
xxxi.	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.	❖ A copy of Environmental Clearance submitted to MCGM.
xxxii.	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF & CC, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely, SPM, RSPM, SO 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.	❖ A copy of EC, CTE, Compliance Report & Environmental Statement has been uploaded on company website at https://www.nanavatimaxhospital.org/environmental-clearances
#	General EC conditions:	
xxxiii.	PP has to abide by the conditions stipulated by SEAC & SEIAA.	❖ We had taken various measures such as tall barricade at all along the site for containment of dust and noise, Use of existing STP for the treatment of sewage generated from construction site, regular monitoring of Ambient air quality and Noise level monitoring etc., as per the conditions stipulated by the SEAC & SEIAA during construction.

xxiv.	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.	❖ MPCB issued Consent to Establish for Hospital Building vide order no. Format 1.0/CAC/UAN No. 0000078622/CE/2106000624; dated: 14/06/2021. Copy of CTE is enclosed as Annexure-10.
xxv.	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.	❖ Construction activity was commenced in the month of February 2022 only, i.e., after the grant of EC in 28/05/2019 vide EC no. SEIAA-EC-0000001543 and Expansion of existing EC in 26/05/2023 vide EC no. SIA/MH/MIS/262585/2022. Copies of Environmental Clearance is enclosed as Annexure-11.
xxvi.	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 & CC, the respective Zonal Office of CPCB and the SPCB.	❖ Six-monthly compliance reports have been submitted regularly.
xxvii.	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.	❖ Environmental Statement (Form-V) has been submitted on MPCB web portal for the FY 2024-25. Copy of Environmental Statement is enclosed as Annexure-12.
xxviii.	No further Expansion or modifications, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the SEIAA. In case of deviations or alterations in the project proposal from those submitted to SEIAA for clearance, a fresh reference shall be made to the SEIAA as applicable to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	❖ Noted.
xxix.	This environmental clearance is issued subject to obtaining NOC from Forestry & Wildlife angle including clearance from the standing committee of the National Board for Wildlife as if applicable & this environment clearance does not necessarily imply that Forestry & Wildlife clearance granted to the project which will be considered separately on merit.	❖ NOC from Wild Life Board is Not Applicable as per Final Notification reg. ESZ of SGNP published by MoEF & CC u/no. S.O.3645 (E), dated: 05/12/2016 as our project site is not affected by the ESZ belt.

1.	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.	❖ Noted.
2.	This Environment Clearance is issued purely from an environment point of view without prejudice to any court cases and all other applicable permissions/NOCs shall be obtained before starting proposed work at site.	❖ Noted.
3.	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.	❖ Noted.
4.	Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended from time to time.	❖ Noted.
5.	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.	❖ Noted.
6.	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.	❖ Noted.

Compliance as per
Monitoring the Implementation of Environmental Safeguards
Ministry of Environment, Forests & Climate Change
Regional Office (WCZ), Nagpur

Monitoring Report

DATA SHEET

1.	Project type: River - valley/ Mining / Industry / Thermal / Nuclear / Other (specify)	:	Construction Project.
2.	Name of the project	:	Proposed expansion of existing 'Dr. Balabhai Nanavati Hospital Building located at CTS nos. 1403, 1403/1 to 21 and 1403/35, Village: Vile Parle (West), Taluka: Andheri, Mumbai. Maharashtra.
3.	Clearance letter (s)/OM No. and Date	:	Obtained Environment Clearance from SEIAA, Govt. of Maharashtra vide EC letter no. SEIAA-EC-0000001543; dated: 28/05/2019 and expansion of existing hospital building vide EC letter no. SIA/MH/MIS/262585/2022; dated: 26/05/2023.
4.	Location		
	a. District (S)	:	Mumbai.
	b. State (s)	:	Maharashtra.
	c. Latitude/ Longitude	:	Latitude: 19°05'43.81" N Longitude: 72°50'23.19" E
5.	Address for correspondence		
	a. Address of Concerned Project Engineer (with pin code & Telephone / telex / fax numbers)	:	Shri. Paras Nath, (Associate General Manager - Projects) Dr. Balabhai Nanavati Hospital, Proposed expansion of existing 'Dr. Balabhai Nanavati Hospital Building located at CTS nos. 1403, 1403/1 to 21 and 1403/35, Village: Vile Parle (West), Taluka: Andheri, Mumbai. Maharashtra.
	b. Address of Executive Project Manager (with pin code/ Fax numbers)	:	Shri. Paras Nath, (Associate General Manager - Projects) Dr. Balabhai Nanavati Hospital, Proposed expansion of existing 'Dr. Balabhai Nanavati Hospital Building located at CTS nos. 1403, 1403/1 to 21 and 1403/35, Village: Vile Parle

			(West), Taluka: Andheri, Mumbai. Maharashtra.										
6.	Salient features												
a.	of the project	:	<table border="1"> <thead> <tr> <th>Building</th> <th>Details</th> </tr> </thead> <tbody> <tr> <td>Existing Auditorium building:</td> <td>3 Basements</td> </tr> <tr> <td>Existing Main Hospital building:</td> <td>Ground + 4 floors.</td> </tr> <tr> <td>Proposed building:</td> <td>3 Basements + Ground + 11 floors.</td> </tr> <tr> <td colspan="2">Existing beds: 343 nos. Proposed beds: 433 nos. Total beds: 776 nos.</td> </tr> </tbody> </table>	Building	Details	Existing Auditorium building:	3 Basements	Existing Main Hospital building:	Ground + 4 floors.	Proposed building:	3 Basements + Ground + 11 floors.	Existing beds: 343 nos. Proposed beds: 433 nos. Total beds: 776 nos.	
Building	Details												
Existing Auditorium building:	3 Basements												
Existing Main Hospital building:	Ground + 4 floors.												
Proposed building:	3 Basements + Ground + 11 floors.												
Existing beds: 343 nos. Proposed beds: 433 nos. Total beds: 776 nos.													
b.	of the environmental management plans	:	Rs. 25.00 Lakhs have been allocated for the entire Construction period and in operation phase; Capital cost: Rs. 1111.00 Lakhs and O & M cost: Rs. 32.55 Lakhs / Year have been earmarked for EMP.										
7.	Breakup of the project area												
a.	submergence area forest & non-forest	:	Not Applicable.										
b.	Others	:	FSI Area: 43,925.63 Sqm. Non-FSI Area: 24,725.59 Sqm. Total Built-up Area: 68,651.22 Sqm.										
8.	Breakup of the project affected Population with enumeration of those losing houses / dwelling units Only agricultural land only, both Dwelling units & agricultural Land & landless laborer's/artisan	:	Not Applicable.										
a.	SC, ST/Adivasis	:	Not Applicable.										
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 and years of survey)	:	Not Applicable.										
9.	Financial details												
a.	Project cost as originally planned and subsequent revised estimates and the year of price reference:												
1.	Total Cost of the Project	:	Rs. 384.00 Cr.										
b.	Allocation made for environmental management plans with item wise and year wise Break-up.	:	Rs. 25.00 Lakhs have been allocated for the entire Construction period and in operation phase; Capital cost: Rs. 1111.00 Lakhs and O & M cost: Rs. 32.55 Lakhs / Year have been earmarked for EMP.										
c.	Benefit cost ratio/Internal rate of Return and the year of assessment	:	---										

	d.	Whether (C) includes the cost of environmental management as shown in the above.	:	---
	e.	Actual expenditure incurred on the project so far	:	Rs. 273.33 Cr as on March 2025.
	f.	Actual expenditure incurred on the environmental management plans so far.	:	Rs. 2.26 Cr as on March 2025.
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	:	Not Applicable.
	d.	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 of reservoir, approach roads), if any with quantitative information.		:	Not Applicable.
12.	Status of construction		:	<ul style="list-style-type: none"> ❖ Total built-up area constructed on site till March 2025 for Phase-1 is 49,646.73 Sqm. ❖ Construction is completed of existing 'Dr. Balabhai Nanavati Hospital Building in 1950, and proposed expansion of 'Dr. Balabhai Nanavati Hospital Building is under construction and completed up to 11th floors of Phase-1.
	a.	Date of commencement (Actual and/or planned)	:	18 th February, 2022 (Actual)
	b.	Date of completion (Actual and/or planned)	:	June, 2028 (Planned)
13.	Reasons for the delay if the Project is yet to start.		:	Nil
14.	Dates of site visits			
	a.	The dates on which the project was monitored by the Regional Office on previous Occasions, if any.	:	Request letter for site inspection visit sent to RO, Nagpur; inspection visit awaited.

	b. Date of site visit for this monitoring report.	:	Request letter for site inspection visit sent to RO, Nagpur; inspection visit awaited.
15.	Details of correspondence with Project authorities for obtaining Action plans/information on Status of compliance to safeguards Other than the routine letters for Logistic support for site visits) (The first monitoring report may contain the details of all the Letters issued so far, but the Later reports may cover only the Letters issued subsequently.	:	Request letter for site inspection visit sent to RO, Nagpur; inspection visit awaited.



MUNICIPAL CORPORATION OF GREATER MUMBAI

Amended Plan Approval Letter

File No. CE/6538/BSII/AK/337/2/AMEND dated 30.12.2021

<p>To, Shashank Mehendale Plot no. 163A, Ganga Lahari, Shivaji Park, Mahim Mumbai 400016</p>	<p>CC (Owner), Dr. Balabhai Nanavati Hospital S. V. Road, Vile Parle (West), Mumbai – 400 056</p>
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Subject : Proposed additions & alterations to the existing Hospital building and proposed horizontal expansion to the said Hospital building on plot bearing C.T.S. Nos. 1403, 1403/1 to 21, 1403/35 of village Vile Parle (West), S. V. Road, Vile Parle (W), Mumbai. For Dr. Balabhai Nanavati Hospital

Reference : Online submission of plans dated 02.11.2021

Dear Applicant/ Owner/ Developer,

There is no objection to your carrying out the work as per amended plans submitted by you online under reference for which competent authority has accorded sanction, subject to the following conditions.

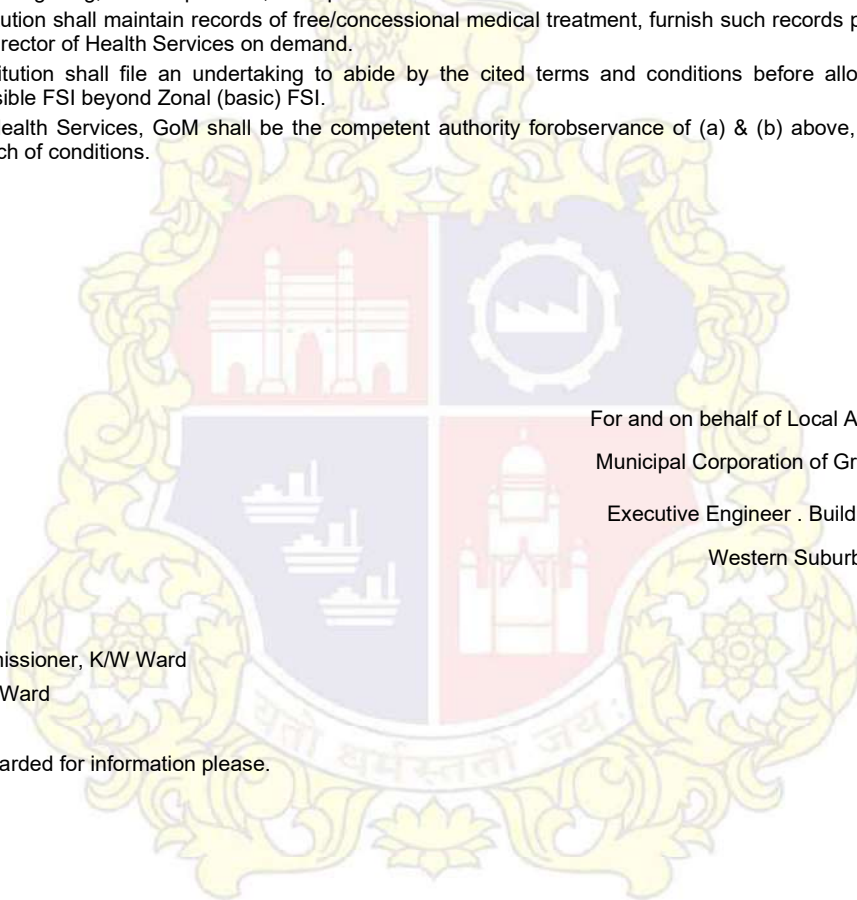
- 1) That all the conditions mentioned in the IOD under even number dated 7.8.1976, 23.9.1978, 29.9.1983, amended plans letter of approval dated 20/04/2016 & Occupation certificate dated 16.11.79, 18.08.2004 & work completion certificate approved u/No. CE/1614/Misc./AK dated 27.10.2008 shall be complied with.
- 2) That the commencement certificate under Section 44/69(1)(a) of the M.R.T.P. Act shall be obtained before starting the proposed work.
- 3) That the builder / developer / owner shall prepare a "debris management plan" showing the prospective quantum of debris likely to be generated, arrangements for its proper storage at the site, transportation plan of the agency appointed for the same, with numbers and registration numbers of vehicles to be deployed and the final destination where the debris would be unloaded by them and submit the same to the Zonal Executive Engineer of S.W.M. Department and the same shall be got approved before demolition of existing building or commencing any construction activity.
- 4) That the compound wall shall be constructed on all sides of the plot clear of the road widening line with foundation below level of bottom of road side drain without obstructing the flow of rain water from the adjoining holding to prove possession of holding before starting the work as per Reg. No.38(24).
- 5) That the structural engineer shall be appointed. Supervision memo as per Annexure-5 of DCPR 2034 shall be submitted by him.
- 6) That the structural design and calculations for the proposed work accounting for seismic analysis as per relevant I.S. Code and for existing building showing adequacy thereof to take up additional load along with bearing capacity of the soil strata shall be submitted before C.C.
- 7) That the sanitary arrangements shall be carried out as per Municipal Specifications, and drainage layout shall be submitted before C.C.
- 8) That the existing structure proposed to be demolished shall be demolished or necessary Phase Program with agreement shall be submitted and got approved before C.C.
- 9) That the qualified/Registered Site supervisor through Architect/Structural Engineer shall be appointed before applying for C.C.
- 10) That All Dues Clearance Certificate/Extra Water Sewerage Charges from A.E.W.W. 'K/West' Ward shall be submitted before issue of C.C.
- 11) That the conditions mentioned in the U. D. Dept. Govt. of Maharashtra's notification u/No. TPS-1820/An/CR 80/20/UD-13 dated 14.01.2021 and MCGM circular u/No. Ch.E./ D.P./ 21546 /Gen dated 05.03.2021 shall be complied with & Registered Undertaking to that effect shall be submitted..
- 12) That the premium/deposits as follows shall be paid:- (a) Condonation of deficient open spaces (b) Development charges as per M.R.& T.P.(Amendment) Act,1992 (c) Insecticide charges (d) Payment of advance for providing treatment of construction site to prevent epidemic like dengue, malaria etc. to insecticide charges 'K/West' Ward (e) Labour Welfare Cess
- 13) That the MMRDA (Metro line 2-9 station) NOC/Remarks shall be submitted.

- 14) That the specification for layout /D.O./or access roads/ development of setback land will be obtained from E.E. Road (Construction)(City) before starting construction work and the access and setback land will be developed accordingly including providing street lights and SWD the completion certificate will be obtained from E.E.(R.C)/E/E/(S.W.D.) of WS before submitting building completion certificate.
- 15) That the regular /sanctioned /proposed lines and reservation will be got demarcated at site through A.E. (Survey) / E.E.(T&C) / E.E. (D.P.) / D.I.L.R.. before applying for C.C.
- 16) That all the conditions mentioned in the U.D. Dept. Govt. of Maharashtra u/NO. FSI/1188/32/CR-375/89/UD-11 dated 6.7.90 & U. D. dept. u / No. CMS / TPB-4302 / 284 / case no. 181/02 / UD-11 dated 15.09.2003 shall be complied with.
- 17) That the N.O.C. from Tree authority shall be submitted before asking for plinth C.C.
- 18) That the temporary structures existed in compulsory open spaces proposed to be demolished shall be demolished on completion of the proposed building.
- 19) That the revised Civil Aviation NOC shall be submitted before asking plinth CC.
- 20) That the Authority clearance for EC/ M.O.E.F shall be submitted before asking plinth CC.
- 21) That the Janata Insurance policy or policy to cover the compensation claims arising out of Workmen's Compensation Act,1923 shall be taken out and a copy of the same shall be submitted before asking C.C. and renewed during the construction of work and owner / developer should submit revalidated Janata Insurance Policy from time to time.
- 22) That the fresh Tax Clearance Certificate from A.A. & C 'K/West' Ward shall be submitted.
- 23) That the remarks from H.E. Department shall be submitted.
- 24) That the N.O.C. from Dy.Ch.E.(S.P.) P & D for proposed sewer line shall be submitted before C.C.
- 25) That the copy of PAN card of the applicant shall be submitted before C.C.
- 26) That the precautionary measures to avoid dust nuisance such as erection of G.I. sheet screens at plot boundaries upto reasonable height shall be provided before demolition of existing structures at site.
- 27) That the N.O.C. from Collector for excavation work shall be submitted before C.C.
- 28) That the construction activity for work of necessary piling shall be carried out by employing modern techniques such as rotary drilling, micropiling etc. instead of conventional jack and hammer to avoid nuisance damage to adjoining buildings.
- 29) That the C.C. shall be asked unless payment of advance for providing treatment at construction site to prevent epidemics like Dengue, Malaria, etc. is made to the Insecticide Officer of the concerned Ward Office and provision shall be made as and when required by Insecticide Officer for inspection of water tanks by providing safe and stable ladder, etc. and requirements as communicated by the Insecticide Officer shall be complied with.
- 30) No main beam in a R.C.C. framed structure shall be less than 230 mm wide. The size of the columns shall also be governed as per the applicable I.S. codes.
- 31) All the cantilevers (Projections) shall be designed for five times the load as per IS Code 1993-2002 including the columns projecting beyond the terrace and carrying the overhead water storage tank, etc.
- 32) In R.C.C. framed structures, the external walls shall be less than 230 mm if in brick masonry or 150 mm. autoclaved cellular concrete block excluding plaster thickness as circulated under No. CE/PD/11945/I of 2.2.2006.
- 33) That the remarks regarding formation level from Road Department shall be submitted.
- 34) That the specification & design of Rain Water Harvesting scheme as per the State Govt.'s directives u/No. TPB-4307/396/CR-124/2007/UD-11 dated 6th June 2007 shall be submitted.
- 35) That the registered Private Pest Control Agency for providing anti larval treatment at the construction site shall be appointed.
- 36) That the services of Safety Officer to take care of all safeties during construction on construction site and around shall be hired.
- 37) That the Third party insurance shall be submitted.
- 38) That the appointment of Private Doctor for treatment of labour/ staff shall submitted before plinth C.C.
- 39) That the work shall be carried out between 6.00 a.m. to 10.00 pm., only in accordance with Rule 5A(3) of the Noise Pollution (Regulation & Control) Rules, 2000 and the provision of ification issued by Ministry of Environment & Forest Deptt. from time to time shall be duly observed.
- 40) That the Board shall be displayed showing details of proposed work, name of owner, developer, architect, R.C.C. consultant etc.
- 41) That the NOC from M and E / Consultant for ventilation shall be submitted before plinth C.C.
- 42) That the registered undertaking from owner shall be submitted for (a) Additional BUA beyond Zonal (basic) FSI shall be utilized for bonafide medical purpose only. (b) 20% of the total beds and free treatment shall be given to EWS/persons below poverty line. In addition, 10% of the total number of patients in OPD shall be provided treatment at rates charged in Govt. hospitals. Such facility, proportionate to cited percentages, shall be in separate building/wing, or if possible, on separate floor. (c) The Director of Health Services, GoM shall be the competent authority for observance of (a) & (b) above, including determination of penalties for breach of conditions. (d) The Medical Institution shall maintain records of free/concessional medical treatment furnish such records periodically and make them available to the Director of Health Services on demand. (e)The Medical Institution shall file an undertaking to abide by

the cited terms and conditions before allowing utilization of 50% of additional permissible FSI beyond Zonal (basic) FSI.

- 43) That the registered undertaking from owner shall be submitted for (a) Agreeing to demolish the excess area if constructed beyond permissible F.S.I. shall be submitted before asking for C.C. (b) agreeing to pay the difference in premium paid and calculated as per revised land rates. (c) misuse of pocket terrace / part terrace /slopping terrace (d) Minimum Nuisance during construction activity (e) the basement will comply with the Basement Rules and Regulation & misusing the basement shall be submitted before C.C.
- 44) That the Indemnity bond from owner shall be submitted Indemnifying M.C.G.M. against disputes, litigations, claims, arising out of ownership of plot and plot boundary shall be submitted.
- 45) That the Indemnity bond from owner shall be submitted Indemnifying the Corporation for damages, risks, accidents, to the occupiers.
- 46) That the requisition of clause No. 49 of DCPR 2034 shall be complied with and records of quality of work, verification of report shall be kept on site till completion of work.
- 47) That all the conditions and directions specified in the order of Hon'ble Supreme Court dated 15/03/2018 in Dumping Ground case shall be complied with before starting any construction work.
- 48) That the debris shall be managed in accordance with the provision of Construction and Demolition Waste Management Rules 2016 and requisite Bank Guarantee as demanded by MCGM for faithful compliance of Waste / Debris Management plan shall be furnished before starting any construction work.
- 49) That adequate safeguard are employed in consultation with SWM Dept. of MCGM for preventing dispersal of particles through air and the construction debris, generated shall be deposited in specific sites inspected and approved by MCGM.
- 50) That no uncovered vehicles carrying construction material and waste shall be permitted. That the Construction and Demolition waste processing and disposal site shall be identified and required dust mitigation measures shall be fixed at the site as per M.P.C.B. directives u/no.BO/JD(APC)/C&D/TB-2/B-30 Dt. 03.01.2020.
- 51) That the plinth dimensions shall be got checked by this office staff before further C.C. beyond plinth level.
- 52) All the payments as intimated by various departments of MCGM shall be paid before further C.C. beyond plinth level.
- 53) That the Remarks of concerned authorities / empanelled consultants for the approved plan, if differing from the plans submitted for remarks, shall be submitted for: (a)S.W.D. (b) Roads (c) Sewerage (d) Water Works (e) Fire Fighting Provisions(CFO) (f) Drainage Layout (g) Hydraulic Engineer (h) PCO before further C.C. beyond plinth level.
- 54) That the Material testing report shall be submitted.
- 55) That the Structural stability certificate through Registered Structural Engineer regarding stability of constructed plinth shall be submitted before asking for C.C. beyond plinth.
- 56) That the work completion certification upto plinth level from Registered Structural Engineer shall be submitted.
- 57) That the work completion certification upto plinth level from Registered Site Supervisor shall be submitted.
- 58) That every year before onset of the monsoon / revalidation of C.C., structural stability certificate of the work executed on site shall be submitted by the appointed Registered Structural Engineer / Consultant, appointed by owner / occupier / society.
- 59) That all the structural members below the ground shall be designed considering the effect of chlorinated water, sulphur water, seepage water, etc. and any other possible chemical effect and due care while constructing the same will be taken and completion certificate to that effect shall be submitted before granting further C.C. beyond plinth.
- 60) That the yearly progress report of the work shall be submitted by the LS
- 61) That some of the drains shall be laid internally with C.I. Pipes before asking for OCC
- 62) That the 3.00 mt. wide paved pathway upto staircase shall be provided before asking for OCC .
- 63) That the dust-bin shall be provided as per C.E.'s circular No.CE/9297/II of 26-6-1978..
- 64) That the final NOC for carriage way entrance shall be submitted before occupation permission before asking for OCC.
- 65) That terraces, sanitary blocks, nahanis in kitchen shall be made water proof and same will be provided by method of pounding and all sanitary connections will be leak proof and smoke test will be done in presence of licensed plumber before asking for OCC.
- 66) That final N.O.C./remarks from concerned authorities / empanelled consultants for: (a) S.W.D. (b) Roads (c) Sewerage Water (d) Works (e) CFO / Fire Fighting Provisions (f) Drainage Layout (g) Tree authority (h) Hydraulic Engineer (i) Rain Water Harvesting (j) A.A. & C (Tax Clearance Certificate) shall be submitted before occupation.
- 67) That Structural Engineer's final Stability Certificate along with upto date License copy and R.C.C design plans shall be submitted. That Site Supervisor certificate for quality of work and completion of the work shall be submitted in prescribed format before asking for OCC.
- 68) That the surface drainage arrangement shall be made in consultation with E.E.(SWD) or as per his remarks and a completion certificate shall be obtained and submitted before applying for occupation certificate/B.C.C.
- 69) That the surrounding open spaces, parking spaces and terrace shall be kept open and un-built upon and shall be levelled and developed before requesting to grant permission to occupy the building or submitting the B.C.C. whichever is earlier..
- 70) That the N.O.C. from Inspector of Lifts, P.W.D., Maharashtra, shall be obtained and submitted to this office before asking for OCC.
- 71) That the Fresh property card in the name of the owner shall be submitted.

- 72) That the vermiculture bins for the disposal of wet waste as per design and specifications of organization or companies specialized in this field as per list furnished by Solid waste Management of M.C.G.M. shall be provided before asking for OCC.
- 73) That the supervision certificate shall be submitted periodically i.e. every 3 months from the L.S. / Engineer / Structural Engineer / Supervisor or Architect as the case may be as per D.C.Reg.5(3)(ix) regarding satisfactory construction on site .
- 74) That dry and wet garbage shall be separated and the wet garbage in the building shall be treated separately on the same plant by the residents / occupants of the building in the jurisdiction of M.C.G.M. The necessary condition in sale agreement to that effect shall be incorporated by the developer/owner before asking for OCC.
- 75) That the Drainage completion certificate from (S.P.)(P&D)City shall be submitted before asking for OCC.
- 76) That the Drainage completion Certificate from Consultant for drain shall be submitted & got accepted before asking for OCC.
- 77) That every part of the building construction and more particularly overhead tank shall be provided as with the proper access for the staff of Insecticide Officer with a provision of temporary but safe and stable ladder etc before asking for OCC.
- 78) Additional BUA beyond Zonal (basic) FSI shall be utilized for bonafide medical purpose only.
- 79) 20% of the total beds and free treatment shall be given to EWS/persons below poverty line. In addition, 10% of the total number of patients in OPD shall be provided treatment at rates charged in Govt. hospitals. Such facility, proportionate to cited percentages, shall be in separate building/wing, or if not possible, on separate floor.
- 80) The Medical Institution shall maintain records of free/concessional medical treatment, furnish such records periodically and make them available to the Director of Health Services on demand.
- 81) The Medical Institution shall file an undertaking to abide by the cited terms and conditions before allowing utilization of 50% of additional permissible FSI beyond Zonal (basic) FSI.
- 82) The Director of Health Services, GoM shall be the competent authority for observance of (a) & (b) above, including determination of penalties for breach of conditions.



For and on behalf of Local Authority
Municipal Corporation of Greater Mumbai
Executive Engineer . Building Proposal
Western Suburb I

Copy to :

- 1) Assistant Commissioner, K/W Ward
 - 2) A.E.W.W., K/W Ward
 - 3) D.O. K/W Ward
- Forwarded for information please.



Date: 14.12.2022

To
The Chairman
State Expert Appraisal Committee - II
15th New administration building
Environment Department
Mumbai – 400 032

Subject: Submission of an affidavit



Reference: 188th SEAC II Meeting, Agenda Sr.No. 31, Dtd. 18.11.2022 [SIA/MH/MIS/262585/2022]

Respected Sir,

We hereby solemnly affirm that there is no change in plot area, layout, building profile, environmental parameters and locations of environmental services which were appraised while sanctioning earlier EC dated 28.05.2019

Thanking you

Yours Faithfully,

Ar. Maninder Kaur
Reg. No. CA/92/14901

Date: 14th December, 2022

To
The Chairman
State Expert Appraisal Committee - II
15th New administration building
Environment Department
Mumbai – 400 032

Subject: Submission of an affidavit

Reference: 188th SEAC II Meeting, Agenda Sr.No. 31, Dtd. 18.11.2022 [SIA/MH/MIS/262585/2022]

Respected Sir,

We hereby solemnly affirm that there is no change in plot area, layout, building profile, environmental parameters and locations of environmental services which were appraised while sanctioning earlier EC dated 28.05.2019.

Thanking you

Yours faithfully



Mangla Dembi
Senior Vice President and Head Operations
For Dr. Balabhai Nanavati Hospital

CC: State Environment Impact Assessment Authority (SEIAA) cell



CDA/NNVT/003

Date: 02.03.2022

TO WHOM IT MAY CONCERN

Sub: Proposed additions & alterations to the existing hospital building proposed horizontal expansion to the said hospital building on plot bearing C.T.S. Nos. 1403,1403/1 to 21, 1403/35 of village Vile Parle (West), S. V. Road, Vile Parle (W), Mumbai

FSI and Non-FSI Area

Area Statement for the proposed project as follows: -

1. Amended plans are approved u/No. CE/6538/BSII/AK/337/2/AMEND dated 30.12.2021
2. The FSI and Non FSI area are as follows:
 - FSI Area : 60943.12 Sqmt
 - Non FSI Area : 17587.63 Sqmt
 - Total Construction Area : 78530.75 Sqmt

Nanavati: FSI and Non FSI Area**FSI, NON FSI AND TOTAL AREA STATEMENT – (area in SQM)**

Amended plans approved u/No. CE/6538/BSII/AK/337/2/AMEND dated 30.12.2021

SR. NO.	PROPOSED FSI AREA (SQMT)	EXISTING FSI AREA (SQMT)	NON-FSI AREA (SQMT) (including staircase, lift, services, parking)	TOTAL COVERED CONSTRUCTION AREA (IN SQMT)
A	PROPOSED HOSPITAL BUILDING			
BASEMENT 3	1767.41	0.00	3281.09	5048.50
BASEMENT 2	1385.56	0.00	3362.89	4748.45
BASEMENT 1	1330.73	0.00	3693.17	5023.90

CHALLAN

(For unloading of construction and demolition waste material)

Challan No. 1

Date: 25/05/2023

Sr.No.	Description	Particular
1	IOD / Application No. & Date	File No: CE/6538/BSII/AK/SWM/4/AMEND dated 24.05.2023
2	C & D SWM Permission No. & Date	SWM/15843/2023/K/W/WS Dated 24.05.2023
3	Quantity of C & D waste mentioned in Permission (Brass)	5000 Brass
4	Name of the Developer with address and contact no.	Dr. Balabhai Nanavati Hospital S V Road, Vile Parle (W), Mumbai-56
5	Name and address of Construction Site	Dr. Balabhai Nanavati Hospital CTS No:1403,1403/1 to 21, 1403/35 S V Road, Vile Parle (W), Mumbai-56.
6	Name of Transportation agency	M/s Mahalingam Earthmovers Pvt Ltd.
7	Vehicle Registration No.	MH-47-Y-8760 MH-04-HD-3229 MH-47-Y-8760 MH-04-HY-7579 MH-47-Y-9561 MH-48-AG-6778 MH-04-KF-8995 MH-48-AG-6778
8	Quantity of material transported (6 Brass)	48 Brass
9	Name & Address of Unloading site	M/s Atmakamal Transport Infra. Survey No. 57/3, 57/4, 57/5, 57/8, 57/10, 57/12, 57/13/B, 63/4, 65/13, 67/2/A, 67/2/B, 67/11, 69/1, 71/6, 81/12, 82, 84/2, 103/09, 103/10, 103/15, 104, 131/17, 131/20, 132/13, 132/14/B, 133/7 & others of village Pimplas & Pimplner Taluka Bhiwandi, Dist Thane.
10	Unloading site acknowledgement with signature/ Stamp/ Date	




M/s Dr. Balabhai Nanavati Hospital




CHALLAN

(For unloading of construction and demolition waste material)

Challan No. 2

Date: 25/05/2023

Sr.No.	Description	Particular
1	IOD / Application No. & Date	File No: CE/6538/BSII/AK/SWM/4/AMEND dated 24.05.2023
2	C & D SWM Permission No. & Date	SWM/15843/2023/K/W/WS Dated 24.05.2023
3	Quantity of C & D waste mentioned in Permission (Brass)	5000 Brass
4	Name of the Developer with address and contact no.	Dr. Balabhai Nanavati Hospital S V Road, Vile Parle (W), Mumbai-56
5	Name and address of Construction Site	Dr. Balabhai Nanavati Hospital CTS No:1403,1403/1 to 21, 1403/35 S V Road, Vile Parle (W), Mumbai-56.
6	Name of Transportation agency	M/s Mahalingam Earthmovers Pvt Ltd.
7	Vehicle Registration No.	MH-47-Y-8535 MH-46-BB-7927 MH-47-Y-8485 MH-04-KF-5143 MH-04-LE-9985 MH-04-LE-6465 MH-04-KF-5143 MH-04-KF-8995
8	Quantity of material transported (6 Brass)	48 Brass
9	Name & Address of Unloading site	M/s Atmakamal Transport Infra. Survey No. 57/3, 57/4, 57/5, 57/8, 57/10, 57/12, 57/13/B, 63/4, 65/13, 67/2/A, 67/2/B, 67/11, 69/1, 71/6, 81/12, 82, 84/2, 103/09, 103/10, 103/15, 104, 131/17, 131/20, 132/13, 132/14/B, 133/7 & others of village Pimplas & Pimplner Taluka Bhiwandi, Dist Thane.
10	Unloading site acknowledgement with signature/ Stamp/ Date	




M/s Dr. Balabhai Nanavati Hospital

CHALLAN

(For unloading of construction and demolition waste material)


Challan No. 3

Date: 25/05/2023

Sr.No.	Description	Particular
1	IOD / Application No. & Date	File No: CE/6538/BSII/AK/SWM/4/AMEND dated 24.05.2023
2	C & D SWM Permission No. & Date	SWM/15843/2023/K/W/WS Dated 24.05.2023
3	Quantity of C & D waste mentioned in Permission (Brass)	5000 Brass
4	Name of the Developer with address and contact no.	Dr. Balabhai Nanavati Hospital S V Road, Vile Parle (W), Mumbai-56
5	Name and address of Construction Site	Dr. Balabhai Nanavati Hospital CTS No:1403,1403/1 to 21, 1403/35 S V Road, Vile Parle (W), Mumbai-56.
6	Name of Transportation agency	M/s Mahalingam Earthmovers Pvt Ltd.
7	Vehicle Registration No.	MH-47-Y-8485 MH-04-JU-1808 MH-04-JU-1809 MH-04-HD-3227 MH-04-JU-1812 MH-04-HD-3229 MH-04-HD-3230 MH-04-JU-1813
8	Quantity of material transported (6 Brass)	48 Brass
9	Name & Address of Unloading site	M/s Atmakamal Transport Infra. Survey No. 57/3, 57/4, 57/5, 57/8, 57/10, 57/12, 57/13/B, 63/4, 65/13, 67/2/A, 67/2/B, 67/11, 69/1, 71/6, 81/12, 82, 84/2, 103/09, 103/10, 103/15, 104, 131/17, 131/20, 132/13, 132/14/B, 133/7 & others of village Pimplas & Pimplner Taluka Bhiwandi, Dist Thane.
10	Unloading site acknowledgement with signature/ Stamp/ Date	






 M/s Dr. Balabhai Nanavati Hospital

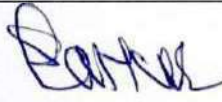
CHALLAN

(For unloading of construction and demolition waste material)


Challan No. 4

Date: 25/05/2023

Sr.No.	Description	Particular
1	IOD / Application No. & Date	File No: CE/6538/BSII/AK/SWM/4/AMEND dated 24.05.2023
2	C & D SWM Permission No. & Date	SWM/15843/2023/K/W/WS Dated 24.05.2023
3	Quantity of C & D waste mentioned in Permission (Brass)	5000 Brass
4	Name of the Developer with address and contact no.	Dr. Balabhai Nanavati Hospital S V Road, Vile Parle (W), Mumbai-56
5	Name and address of Construction Site	Dr. Balabhai Nanavati Hospital CTS No:1403,1403/1 to 21, 1403/35 S V Road, Vile Parle (W), Mumbai-56.
6	Name of Transportation agency	M/s Mahalingam Earthmovers Pvt Ltd.
7	Vehicle Registration No.	MH-047-Y-8485 MH-04-JU-1808 MH-04-LE-9985 MH-04-JU-1813 MH-04-HY-7879 MH-04JU-1812 MH-04-JU-1809 MH--47-Y-5277
8	Quantity of material transported (6 Brass)	48 Brass
9	Name & Address of Unloading site	M/s Atmakamal Transport Infra. Survey No. 57/3, 57/4, 57/5, 57/8, 57/10, 57/12, 57/13/B, 63/4, 65/13, 67/2/A, 67/2/B, 67/11, 69/1, 71/6, 81/12, 82, 84/2, 103/09, 103/10, 103/15, 104, 131/17, 131/20, 132/13, 132/14/B, 133/7 & others of village Pimplas & Pimplner Taluka Bhiwandi, Dist Thane.
10	Unloading site acknowledgement with signature/ Stamp/ Date	






 M/s Dr. Balabhai Nanavati Hospital

CHALLAN

(For unloading of construction and demolition waste material)

Challan No. 5

Date: 25/05/2023

Sr.No.	Description	Particular
1	IOD / Application No. & Date	File No: CE/6538/BSII/AK/SWM/4/AMEND dated 24.05.2023
2	C & D SWM Permission No. & Date	SWM/15843/2023/K/W/WS Dated 24.05.2023
3	Quantity of C & D waste mentioned in Permission (Brass)	5000 Brass
4	Name of the Developer with address and contact no.	Dr. Balabhai Nanavati Hospital S V Road, Vile Parle (W), Mumbai-56
5	Name and address of Construction Site	Dr. Balabhai Nanavati Hospital CTS No:1403,1403/1 to 21, 1403/35 S V Road, Vile Parle (W), Mumbai-56.
6	Name of Transportation agency	M/s Mahalingam Earthmovers Pvt Ltd.
7	Vehicle Registration No.	MH-04-HD-3229 MH-04-HD-3229 MH-04-HD-3230 MH-04-JU-1808 MH-04-HD-3227 MH-04-JU-1809 MH-04-HD-3227 MH-04-JU-1813
8	Quantity of material transported (6 Brass)	48 Brass
9	Name & Address of Unloading site	M/s Atmakamal Transport Infra. Survey No. 57/3, 57/4, 57/5, 57/8, 57/10, 57/12, 57/13/B, 63/4, 65/13, 67/2/A, 67/2/B, 67/11, 69/1, 71/6, 81/12, 82, 84/2, 103/09, 103/10, 103/15, 104, 131/17, 131/20, 132/13, 132/14/B, 133/7 & others of village Pimplas & Pimplner Taluka Bhiwandi, Dist Thane.
10	Unloading site acknowledgement with signature/ Stamp/ Date	



[Handwritten Signature]

[Handwritten Initials] M/s Dr. Balabhai Nanavati Hospital

Lab Operates at : Survey No. 93/A, Conformity Hissa No. 2, G V Brothers Bldg., Bata Compound, Khopat, Near Flower Valley, Thane (West) - 400 601, Maharashtra, India.
Tel: 022-45119250, 022-45119239 / +91-7039076680 Email: lab@ultratech.in

TEST REPORT

ISSUED TO: M/s. Dr. Balabhai Nanavati Hospital

CTS no. 1403, 1403/1 to 21, 1403/35, Taluka Andheri, Village Vile Parle, Mumbai

REPORT NO. : UT/ELS/REPORT/ C-001 / 12 - 2024
ISSUE DATE : 16/12/2024
YOUR REF. : Verbal Confirmation
REF. DATE : 02/12/2024

SAMPLE PARTICULARS		AMBIENT AIR QUALITY MONITORING	
Sampling Plan Ref. No.:	: C 001-12/2024	Location Code	: 1
Sampling Procedure	: UT/LQMS/SOP/AA01A	Sample Location	: NEAR ENTRY GATE
Date & Time of Sampling	: 02/12/2024 09:30 Hrs. to 02/12/2024 17:30 Hrs.	GPS Co-ordinates	: N 19°05'45.94", E 72°50'24.50"
Sample Registration Date	: 03/12/2024	Height of Sampler	: 1 Meter
Analysis Starting Date	: 03/12/2024	Sampling Duration	: 8:00 Hours:Minutes
Analysis Completion Date	: 05/12/2024	Sample Lab Code	: UT/ELS/C-001/12-2024
Ambient Air Temperature	: 23.4 °C to 31.2 °C	Sample Collected By	: ULTRA TECH ENVIRONMENTAL CONSULTANCY AND LABORATORY PVT. LTD.
Relative Humidity	: 49.3 % to 73.0 %		

Sr. No.	Test Parameter	Test Method	Test Result	Unit	NAAQMS Industrial, Residential, Rural and Other Area 24 Hrs. [^] or 1 Hr. [^]
1	Sulphur Dioxide (SO ₂)	IS 5182 (Part 2) : 2023	9	µg/m ³	80
2	Nitrogen Dioxide (NO ₂)	IS 5182 (Part 6) : 2006	15	µg/m ³	80
3	Particulate Matter (PM ₁₀)	IS 5182 (Part 23) : 2006	76	µg/m ³	100
4	Particulate Matter (PM _{2.5})	IS 5182 (Part 24) : 2019	26	µg/m ³	60
5	Carbon Monoxide (CO) [†]	IS 5182 (Part 10) : 1999	0.9	mg/m ³	4


†: Sampling Period 1 Hr.

Remark/ Statement of Conformity: The result observed for Carbon monoxide (CO) is found to be within 1 hourly TWA of National Ambient Air Quality Monitoring Standard (NAAQMS), Part III-Section IV. Conformity statement for SO₂, NO₂, PM₁₀ and PM_{2.5} can't be given as samples were collected for 8:00 hours.

Sampling Equipment Details	Instrument Used	Lab ID	Make	Model	Sl. No.	Calibration Valid up to
	Fine Dust Sampler	UT/LAB/242	Polltech	PEM-ADS 2.5/10µ	522	30/11/2025
	Respirable Dust Sampler	UT/LAB/216	Polltech	PEM-RDS 9 NL	220	16/02/2025

- Note:**
- This test report refers only to the sample tested and observed values are relevant to sample collected only.
 - This test report may not be reproduced in part, without the permission of this laboratory.
 - Any correction invalidates this test report.
 - Samples were collected by following laboratory's SOP (UT/LQMS/SOP/AA01A) based on CPCB Guidelines - National Ambient Air Quality Monitoring Series: NAAQMS/2003-04 and respective test methods.
 - Weather during sampling was Sunny
 - [^]Time weighted average shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive monitorings.
 - Air Quality Index (AQI) at above sampling location 76 which is Satisfactory as per National AQI based on concentrations obtained for reported parameters. [National Air Quality Index (IND-AQI) is calculated using AQI Calculator available at '<https://cpcb.nic.in/National-Air-Quality-Index/>'].



Authorized By:

 Manasi Namjoshi
 Authorized Signatory

- END OF TEST REPORT -

TEST REPORT

ISSUED TO: M/s. Dr. Balabhai Nanavati Hospital
CTS no. 1403, 1403/1 to 21, 1403/35, Taluka Andheri, Village Vile Parle, Mumbai

REPORT NO. : UT/ELS/REPORT/ C-002 /12 -2024
ISSUE DATE : 16/12/2024
YOUR REF. : Verbal Confirmation
REF. DATE : 02/12/2024

SAMPLE PARTICULARS :	AMBIENT AIR QUALITY MONITORING
Sampling Plan Ref. No.:	C 001-12/2024
Sampling Procedure	UT/LQMS/SOP/AA01A
Date & Time of Sampling	02/12/2024 18:00 Hrs. to 03/12/2024 02:00 Hrs.
Sample Registration Date	03/12/2024
Analysis Starting Date	03/12/2024
Analysis Completion Date	05/12/2024
Ambient Air Temperature	24.6 °C to 29.7 °C
Relative Humidity	54.1 % to 69.2 %
Sample Collected By	ULTRA TECH ENVIRONMENTAL CONSULTANCY AND LABORATORY PVT. LTD.
	Location Code : 2
	Sample Location : NEAR PROJECT SITE
	GPS Co-ordinates : N 19°05'43.72", E 72°50'24.69"
	Height of Sampler : 1 Meter
	Sampling Duration : 8:00 Hours:Minutes
	Sample Lab Code : UT/ELS/C-002/12-2024

Sr. No.	Test Parameter	Test Method	Test Result	Unit	NAAQMS Industrial, Residential, Rural and Other Area 24 Hrs.^ or 1 Hr^
1	Sulphur Dioxide (SO ₂)	IS 5182 (Part 2) : 2023	16	µg/m ³	80
2	Nitrogen Dioxide (NO ₂)	IS 5182 (Part 6) : 2006	22	µg/m ³	80
3	Particulate Matter (PM ₁₀)	IS 5182 (Part 23) : 2006	75	µg/m ³	100
4	Particulate Matter (PM _{2.5})	IS 5182 (Part 24) : 2019	27	µg/m ³	60
5	Carbon Monoxide (CO) ¹	IS 5182 (Part 10) : 1999	0.9	mg/m ³	4

†: Sampling Period 1 Hr.

Remark/ Statement of Conformity: The result observed for Carbon monoxide (CO) is found to be within 1 hourly TWA of National Ambient Air Quality Monitoring Standard(NAAQMS), Part III- Section IV. Conformity statement for SO₂, NO₂, PM₁₀ and PM_{2.5} can't be given as samples were collected for 8:00 hours.

Sampling Equipment Details	Instrument Used	Lab ID	Make	Model	Sl. No.	Calibration Valid up to
	Fine Dust Sampler	UT/LAB/242	Polltech	PEM-ADS 2.5/10µ	522	30/11/2025
	Respirable Dust Sampler	UT/LAB/216	Polltech	PEM-RDS 9 NL	220	16/02/2025

- Note:**
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 - Any correction invalidates this test report.
 - Samples were collected by following laboratory's SOP (UT/LQMS/SOP/AA01A) based on CPCB Guidelines - National Ambient Air Quality Monitoring Series: NAAQMS/2003-04 and respective test methods.
 - Weather during sampling was CLEAR
 - ^Time weighted average shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive monitorings.
 - Air Quality Index (AQI) at above sampling location 75 which is Satisfactory as per National AQI based on concentrations obtained for reported parameters. [National Air Quality Index (IND-AQI) is calculated using AQI Calculator available at '<https://cpb.nic.in/National-Air-Quality-Index/>'].



Authorized By:
Manasi Namjoshi
Manasi Namjoshi
Authorized Signatory

- END OF TEST REPORT -

Lab Operates at : Survey No. 93/A, Conformity Hissa No. 2, G V Brothers Bldg., Bata Compound, Khopat, Near Flower Valley, Thane (West) - 400 601, Maharashtra, India.
Tel: 022-45119250, 022-45119239 / +91-7039076680 Email: lab@ultratech.in

TEST REPORT

ISSUED TO: **M/s. Dr. Balabhai Nanavati Hospital**

CTS no. 1403, 1403/1 to 21, 1403/35, Taluka Andheri, Village Vile Parle, Mumbai

REPORT NO. : UT/ELS/REPORT/ C-003 /12 -2024

ISSUE DATE : 16/12/2024

YOUR REF. : Verbal Confirmation

REF. DATE : 02/12/2024

SAMPLE PARTICULARS

Sampling Plan Ref. No.: C 001-12/2024
Sampling Procedure : UT/LQMS/SOP/AA01A
Date & Time of Sampling : 03/12/2024 02:30 Hrs. to 03/12/2024 10:30 Hrs.
Sample Registration Date : 03/12/2024
Analysis Starting Date : 03/12/2024
Analysis Completion Date : 05/12/2024
Ambient Air Temperature : 27.1 °C to 28.7 °C
Relative Humidity : 57.6 % to 65.7 %
Sample Collected By : ULTRA TECH ENVIRONMENTAL CONSULTANCY AND LABORATORY PVT. LTD.

AMBIENT AIR QUALITY MONITORING

Location Code : 3
Sample Location : NEAR EXIT GATE
GPS Co-ordinates : N 19°05'43.92", E 72°50'25.76"
Height of Sampler : 1 Meter
Sampling Duration : 8:00 Hours:Minutes
Sample Lab Code : UT/ELS/C-003/12-2024

Sr. No.	Test Parameter	Test Method	Test Result	Unit	NAAQMS Industrial, Residential, Rural and Other Area 24 Hrs.* or 1 Hr*
1	Sulphur Dioxide (SO ₂)	IS 5182 (Part 2) : 2023	13	µg/m ³	80
2	Nitrogen Dioxide (NO ₂)	IS 5182 (Part 6) : 2006	22	µg/m ³	80
3	Particulate Matter (PM ₁₀)	IS 5182 (Part 23) : 2006	76	µg/m ³	100
4	Particulate Matter (PM _{2.5})	IS 5182 (Part 24) : 2019	25	µg/m ³	60
5	Carbon Monoxide (CO) [†]	IS 5182 (Part 10) : 1999	1.2	mg/m ³	4

†: Sampling Period 1 Hr.

Remark/ Statement of Conformity: The result observed for Carbon monoxide (CO) is found to be within 1 hourly TWA of National Ambient Air Quality Monitoring Standard(NAAQMS), Part III- Section IV. Conformity statement for SO₂, NO₂, PM₁₀ and PM_{2.5} can't be given as samples were collected for 8:00 hours.

Sampling Equipment Details	Instrument Used	Lab ID	Make	Model	Sl. No.	Calibration Valid up to
	Fine Dust Sampler	UT/LAB/242	Polltech	PEM-ADS 2.5/10µ	522	30/11/2025
	Respirable Dust Sampler	UT/LAB/216	Polltech	PEM-RDS 9 NL	220	16/02/2025

- Note:
- This test report refers only to the sample tested and observed values are relevant to sample collected only.
 - This test report may not be reproduced in part, without the permission of this laboratory.
 - Any correction invalidates this test report.
 - Samples were collected by following laboratory's SOP (UT/LQMS/SOP/AA01A) based on CPCB Guidelines - National Ambient Air Quality Monitoring Series: NAAQMS/2003-04 and respective test methods.
 - Weather during sampling was CLEAR
 - *Time weighted average shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive monitorings.
 - Air Quality Index (AQI) at above sampling location 76 which is Satisfactory as per National AQI based on concentrations obtained for reported parameters. [National Air Quality Index (IND-AQI) is calculated using AQI Calculator available at '<https://cpb.nic.in/National-Air-Quality-Index/>']



Authorized By:

M/Nanjoshi

Manasi Namjoshi

Authorized Signatory

- END OF TEST REPORT -

TEST REPORT

ISSUED TO: M/s. Dr. Balabhai Nanavati Hospital
CTS no. 1403, 1403/1 to 21, 1403/35, Taluka
Andheri, Village Vile Parle, Mumbai

ULR No. : --
REPORT NO. : UT/ELS/REPORT/C-004/12-2024
ISSUE DATE : 16/12/2024
YOUR REF. : Verbal Confirmation
REF. DATE : 02/12/2024

SAMPLE PARTICULARS : **NOISE LEVEL QUALITY MONITORING**
Sampling Plan Ref. No. : C 001-12/2024 Sample Lab Code : UT/ELS/C-004/12-2024
Sampling Procedure : UT/LQMS/SOP/N01 Date of Monitoring : 02/12/2024
Collected By : ULTRA TECH ENVIRONMENTAL CONSULTANCY AND LABORATORY PVT. LTD.

Sr. No.	Location	Noise Level Reading in dB(A)			
		Time (Hrs)	Day dB(A)	Time (Hrs)	Night dB(A)
01.	Near Entry Gate	11:30 TO 11:35	53.5	22:00 TO 22:05	44.1
02.	Near DG Set	11:40 TO 11:45	53.8	22:10 TO 22:15	43.9
03.	Near Project Office	11:50 TO 11:55	52.4	22:20 TO 22:25	42.3
04.	Near Compressor Room	12:00 TO 12:05	53.3	22:30 TO 22:35	42.9

Opinions / Interpretations: The Noise Pollution (Regulation And Control) Rules, 2000: Is Provided as Annexure II for Your Reference.
(Turnover to find Annexure).

Note: 1. Monitoring area coming under Residential Area.
2. Noise level monitored is an average for period as stated above, the permissible sound pressure level is to be determined with respect to the total time a workman is being exposed (continuously or a number of short term exposures per day) in Hrs.

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Noise Meter	Make - Lutron Model SL4035 SD; Sr. No. Q690401	Valid up to - 08/11/2025

Note: 1. Measurement was done following laboratory's SOP (UT/LQMS/SOP/N01) based on CPCB's protocol for Ambient Noise Monitoring, July 2015.
2. This test report refers only to the monitoring conducted.
3. This test report may not be reproduced in part, without the permission of this laboratory.
4. Any correction invalidates this test report.

Authorized By:

MJ Namjoshi

Manasi Namjoshi

(Authorized Signatory)

- END OF REPORT



ANNEXURE-II

THE NOISE POLLUTION (REGULATION AND CONTROL) RULES, 2000

The Principal Rules were published in the Gazette of India, vide S.O. 123(E), dated 14.2.2000 and subsequently amended vide S.O. 1046(E), dated 22.11.2000, S.O. 1088(E), dated 11.10.2002, S.O. 1569 (E), dated 19.09.2006 and S.O. 50 (E) dated 11.01.2010 under the Environment (Protection) Act, 1986.

• SCHEDULE

(See rule 3(1) and 4(1))

Ambient Air Quality Standards in respect of Noise

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

- Note:
1. Day time shall mean from 6.00 a.m. to 10.00 p.m.
 2. Night time shall mean from 10.00 p.m. to 6.00 a.m.
 3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
 4. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.

* dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.

A "decibel" is a unit in which noise is measured.

"A", in dB(A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear.

Leq: It is energy mean of the noise level over a specified period.

• CONSTRUCTION ACTIVITIES

The maximum noise levels near the construction site should be limited to 75 dB(A) Leq(5 min.) in industrial areas and to 65 dB(A) Leq(5 min.) in other areas.

• THE PERMISSIBLE LEVELS FOR NOISE EXPOSURE FOR WORK ZONE

(The Model Rules Of The Factories Act, 1948)

Peak sound pressure level in dB	Permitted number of impulses or impact/day
140	100
135	315
130	1000
125	3160
120	10000

- Notes:
1. No exposure in excess of 140 dB peak sound pressure level is permitted.
 2. For any peak sound pressure level falling in between any figure and the next higher or lower figure as indicated in column 1, the permitted number of impulses or impacts per day is to be determined by extrapolation on a proportionate basis.

Total time exposure (continuous or a number of short term exposures per day) in Hrs	Sound Pressure Level in dB(A)
8	90
4	93
2	96
1	99
1/2	102
1/8	108
1/16	111
1/32 (2 minutes) or less	114

- Notes:
1. No exposure in excess of 115 dB(A) is to be permitted.
 2. For any period of exposure falling in between any figure and the next higher or lower figure as indicated in column 1, the permissible sound pressure level is to be determined by extrapolation on a proportionate basis.

TEST REPORT

ISSUED TO: M/s. Dr. Balabhai Nanavati Hospital	ULR NO. : --
CTS no. 1403, 1403/1 to 21, 1403/35, Taluka	REPORT NO. : UT/ELS/REPORT/C-005/12-2024
Andheri, Village Vile Parle, Mumbai	ISSUE DATE : 16/12/2024
	YOUR REF. : Verbal Confirmation
	REF. DATE : 02/12/2024

SAMPLE PARTICULARS :	WORKPLACE NOISE LEVEL MONITORING
Sampling Plan Ref. No. : C 001-12/2024	Sample Lab Code : UT/ELS/C-005/12-2024
Sampling Procedure : UT/LQMS/SOP/N01	Date of Monitoring : 02/12/2024
Survey Done By : ULTRA TECH ENVIRONMENTAL CONSULTANCY AND LABORATORY PVT. LTD.	

Sr. No.	Location	Noise Level Reading in dB(A)	
		Time (Hrs)	day dB(A)
1.	DG Set Area - 500 KVA [D. G. Set was "OFF" while Measurement]	13:45 to 13:50	62.8
2.	DG Set Area - 500 KVA [D. G. Set was "ON" while Measurement]	14:10 to 14:15	72.8
3.	DG Set Area - 125 KVA [D. G. Set was "OFF" while Measurement]	14:50 to 14:45	63.1
4.	DG Set Area - 125 KVA [D. G. Set was "ON" while Measurement]	15:10 to 15:15	72.9
5.	DG Set Area - 750 KVA [D. G. Set was "OFF" while Measurement]	17:40 to 17:45	62.4
6.	DG Set Area - 750 KVA [D. G. Set was "ON" while Measurement]	17:55 to 18:00	73.2


Remark/ Statement of Conformity: The Noise Pollution (Regulation And Control) Rules, 2000: Is Provided as Annexure III for Your Reference.
(Turnover to find Annexure)

Note: 1. Monitoring area coming under Industrial Area.
2. Noise level monitored is an average for period as stated above, the permissible sound pressure level is to be determined with respect to the total time a workman is being exposed (continuously or a number of short term exposures per day) in Hrs.

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Sound Level Meter	Make - Lutron Model SL4035 SD; Sr. No. Q690401	Valid up to - 08/11/2025

Note: 1. This test report refers only to the monitoring conducted.
2. This test report may not be reproduced in part, without the permission of this laboratory.
3. Any correction invalidates this test report.



Authorized By:

Manasi Namjoshi
(Authorized Signatory)

- END OF REPORT -

ANNEXURE- III

THE NOISE POLLUTION (REGULATION AND CONTROL) RULES, 2000

(The Principal Rules were published in the Gazette of India, vide S.O. 123(E), dated 14.2.2000 and subsequently amended vide S.O. 1046(E), dated 22.11.2000, S.O. 1088(E), dated 11.10.2002, S.O. 1569 (E), dated 19.09.2006 and S.O. 50 (E) dated 11.01.2010 under the Environment (Protection) Act, 1986.)

• THE PERMISSIBLE LEVELS FOR NOISE EXPOSURE FOR WORK ZONE

(The Model Rules Of The Factories Act, 1948)

Peak sound pressure level in dB	Permitted number of impulses or impact/day
140	100
135	315
130	1000
125	3160
120	10000

- Notes:
1. No exposure in excess of 140 dB peak sound pressure level is permitted.
 2. For any peak sound pressure level falling in between any figure and the next higher or lower figure as indicated in column 1, the permitted number of impulses or impacts per day is to be determined by extrapolation on a proportionate basis.

Total time exposure (continuous or a number of short term exposures per day) in Hrs	Sound Pressure Level in dB(A)
8	90
4	93
2	96
1	99
1/2	102
1/8	108
1/16	111
1/32 (2 minutes) or less	114

- Notes:
1. No exposure in excess of 115 dB(A) is to be permitted.
 2. For any period of exposure falling in between any figure and the next higher or lower figure as indicated in column 1, the permissible sound pressure level is to be determined by extrapolation on a proportionate basis.

TEST REPORT

ISSUED TO: M/s. Dr. Balabhai Nanavati Hospital
CTS no. 1403, 1403/1 to 21, 1403/35, Taluka Andheri,
Village Vile Parle, Mumbai

REPORT NO. : UT/ELS/REPORT/ C-006 / 12 - 2024
ISSUE DATE : 16/12/2024
YOUR REF. : Verbal Confirmation
REF. DATE : 02/12/2024

SAMPLE PARTICULARS :	STACK EMISSIONS QUALITY MONITORING
Sampling Plan Ref. No. : C 001-12/2024	Sample Registration Date : 03/12/2024
Sampling Procedure : UT/LQMS/SOP/SE01A	Analysis Starting Date : 03/12/2024
Date of Sampling : 02/12/2024	Analysis Completion Date : 04/12/2024
Time of Sampling : 14:00 Hrs. to 15:30 Hrs.	Sample Lab Code : UT/ELS/C-006/12-2024
Sampling Duration : 01:30 Hours:Minutes	
Sample Collected By : ULTRA TECH ENVIRONMENTAL CONSULTANCY AND LABORATORY PVT. LTD.	

STACK DETAILS	
Stack ID : S-1	Stack Height : 15.0 meters from Ground Level
Stack Attached To : DG SET 500 KVA	Stack Diameter : 0.25 meter @ Sampling Point
Stack Shape : CIRCULAR	Fuel Used & : Diesel @ 30 L/Hr.
Stack MOC : M.S	Consumption

FLUE GAS CHARACTERISTICS	
Flue Gas Temperature : 431 °K	Volumetric Flow Rate : 1095 Nm ³ /Hr.
Flue Gas Velocity : 9.4 m/s	Total Volume of Flue Gas : 1.600 Nm ³ (@ STP)

Sr. No.	Test Parameter	Test Method	Test Result	Unit	Standard Limits
1	Particulate Matter (TPM)	IS 11255 (Part 1) : 1983	11	mg/Nm ³	NA
			0.281	Kg/Day	NA
2	Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) : 1985	6	mg/Nm ³	NA
			2	ppm	NA
			0.157	Kg/Day	NA

NA : Not Applicable

Remark/ Statement of Conformity: NIL

Sampling Equipment Details	Instrument Used	Lab ID	Make	Model	Sl. No.	Calibration Valid up to
	Stack Monitoring Kit	UT/LAB/94	Polltech	PEM SMS4	2613	31/12/2024

- Note:**
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 - This test report is valid at the time of and under the conditions specified herein.
 - This test report may not be reproduced in part, without the permission of this laboratory.
 - Any correction invalidates this test report.
 - Test results reported with units ppm and Kg/Day are obtained from scientific conversions/calculations applied to test results in mg/Nm³.
 - Samples were collected by following laboratory's SOP (UT/LQMS/SOP/SE01A) based on CPCB Guidelines - On methodologies For Source Emission Monitoring - CPCB (Laboratory analysis Techniques - LATS /80/2013-14 and respective test methods.



Authorized By:
M. Namjoshi
Manasi Namjoshi
Authorized Signatory

- END OF TEST REPORT -

TEST REPORT

ISSUED TO: M/s. Dr. Balabhai Nanavati Hospital
CTS no. 1403, 1403/1 to 21, 1403/35,
Taluka Andheri, Village Vile Parle, Mumbai

REPORT NO. : UT/ELS/REPORT/ C-007 / 12 - 2024
ISSUE DATE : 16/12/2024
YOUR REF. : Verbal Confirmation
REF. DATE : 02/12/2024

SAMPLE PARTICULARS :

Sampling Plan Ref. No. : C 001-12/2024
Sampling Procedure : UT/LQMS/SOP/SE01A
Date of Sampling : 02/12/2024
Time of Sampling : 16:00 Hrs. to 17:30 Hrs.
Sampling Duration : 01:30 Hours:Minutes
Sample Collected By : ULTRA TECH ENVIRONMENTAL CONSULTANCY AND LABORATORY PVT. LTD.

STACK EMISSIONS QUALITY MONITORING

Sample Registration Date : 03/12/2024
Analysis Starting Date : 03/12/2024
Analysis Completion Date : 04/12/2024
Sample Lab Code : UT/ELS/C-007/12-2024

STACK DETAILS

Stack ID : S-2
Stack Attached To : DG SET 125 KVA
Stack Shape : CIRCULAR
Stack MOC : MS
Stack Height : 10.0 meters from Ground Level
Stack Diameter : 0.25 meter @ Sampling Point
Fuel Used & Consumption : Diesel @ 18 L/Hr.

FLUE GAS CHARACTERISTICS

Flue Gas Temperature : 405 °K
Flue Gas Velocity : 7.8 m/s
Volumetric Flow Rate : 966 Nm³/Hr.
Total Volume of Flue Gas : 1.600 Nm³ (@ STP)

Sr. No.	Test Parameter	Test Method	Test Result	Unit	Standard Limits
1	Particulate Matter (TPM)	IS 11255 (Part 1) : 1983	9	mg/Nm ³	NA
			0.207	Kg/Day	NA
2	Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) : 1985	5	mg/Nm ³	NA
			2	ppm	NA
			0.118	Kg/Day	NA

NA : Not Applicable

Remark/ Statement of Conformity: NIL

Sampling Equipment Details	Instrument Used	Lab ID	Make	Model	Sl. No.	Calibration Valid up to
	Stack Monitoring Kit	UT/LAB/94	Polltech	PEM SMS4	2613	31/12/2024

Note: 1. This test report refers only to the sample tested.

2. This test report is valid at the time of and under the conditions specified herein.

3. This test report may not be reproduced in part, without the permission of this laboratory.

4. Any correction invalidates this test report.

5. Test results reported with units ppm and Kg/Day are obtained from scientific conversions/calculations applied to test results in mg/Nm³.

6. Samples were collected by following laboratory's SOP (UT/LQMS/SOP/SE01A) based on CPCB Guidelines - On methodologies For Source Emission Monitoring - CPCB (Laboratory analysis Techniques - LATS /80/2013-14 and respective test methods.



Authorized By:

Manasi Namjoshi

Manasi Namjoshi
Authorized Signatory

- END OF TEST REPORT -

TEST REPORT

ISSUED TO: M/s. Dr. Balabhai Nanavati Hospital
CTS no. 1403, 1403/1 to 21, 1403/35, Taluka Andheri,
Village Vile Parle, Mumbai

REPORT NO. : UT/ELS/REPORT/ C-008 / 12 - 2024
ISSUE DATE : 16/12/2024
YOUR REF. : Verbal Confirmation
REF. DATE : 02/12/2024

SAMPLE PARTICULARS

Sampling Plan Ref. No. : C 001-12/2024
Sampling Procedure : UT/LQMS/SOP/SE01A
Date of Sampling : 03/12/2024
Time of Sampling : 10:00 Hrs. to 11:30 Hrs.
Sampling Duration : 01:30 Hours:Minutes
Sample Collected By : ULTRA TECH ENVIRONMENTAL CONSULTANCY AND LABORATORY PVT. LTD.

STACK EMISSIONS QUALITY MONITORING

Sample Registration Date : 03/12/2024
Analysis Starting Date : 03/12/2024
Analysis Completion Date : 04/12/2024
Sample Lab Code : UT/ELS/C-008/12-2024

STACK DETAILS

Stack ID : S-3
Stack Attached To : DG SET 750 KVA
Stack Shape : CIRCULAR
Stack MOC : M.S
Stack Height : 15.0 meters from Ground Level
Stack Diameter : 0.25 meter @ Sampling Point
Fuel Used & Consumption : Diesel @ 44 L/Hr.

FLUE GAS CHARACTERISTICS

Flue Gas Temperature : 447 °K
Flue Gas Velocity : 10.9 m/s
Volumetric Flow Rate : 1211 Nm³/Hr.
Total Volume of Flue Gas : 1.600 Nm³ (@ STP)

Sr. No.	Test Parameter	Test Method	Test Result	Unit	Standard Limits
1	Particulate Matter (TPM)	IS 11255 (Part 1) : 1983	11	mg/Nm ³	NA
			0.310	Kg/Day	NA
2	Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) : 1985	6	mg/Nm ³	NA
			2	ppm	NA
			0.174	Kg/Day	NA

NA : Not Applicable

Remark/ Statement of Conformity: NIL

Sampling Equipment Details	Instrument Used	Lab ID	Make	Model	Sl. No.	Calibration Valid up to
	Stack Monitoring Kit	UT/LAB/94	Polltech	PEM SMS4	2613	31/12/2024

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 - Samples were collected by following laboratory's SOP (UT/LQMS/SOP/SE01A) based on CPCB Guidelines - On methodologies For Source Emission Monitoring - CPCB (Laboratory analysis)



Authorized By:
W. Namjoshi
Manasi Namjoshi
Authorized Signatory

- END OF TEST REPORT -

TEST REPORT

ISSUED TO: **M/s. Dr. Balabhai Nanavati Hospital**

CTS no. 1403, 1403/1 to 21, 1403/35, Taluka Andheri, Village Vile Parle, Mumbai

REPORT NO. : UT/ELS/REPORT/ C-009 /12 -2024

ISSUE DATE : 16/12/2024

YOUR REF. : Verbal Confirmation

REF. DATE : 02/12/2024

SAMPLE PARTICULARS :

Sampling Plan Ref. No.: C 001-12/2024
 Sampling Procedure : UT/LQMS/SOP/W01A
 Date & Time of Sampling : 02/12/2024 16:20 Hrs.
 Sample Registration Date : 03/12/2024
 Analysis Starting Date : 03/12/2024
 Analysis Completion Date : 10/12/2024
 Sample Lab Code : UT/ELS/C-009/12-2024
 Sample Collected By : ULTRA TECH ENVIRONMENTAL CONSULTANCY AND LABORATORY PVT. LTD.

WATER SAMPLE ANALYSIS

Sample Type : Drinking Water
 Sample Location : BMC DRINKING WATER
 Sample Quantity & : 2L in Polyethylene Container.
 Packaging Details : 100 ml in Sterilized Corning Bottle for Bacteriological Parameters.

Sr. No.	Test Parameter	Test Method	Test Result	Unit	Standard Limits [IS 10500 : 2012 (Acceptable Limit)]
A] Organoleptic and Physical Parameters					
1	pH @ 25° C	IS 3025 (Part 11) : 2022	7.2	-	6.5-8.5
2	Turbidity	IS 3025 (Part 10) : 2023	BDL[DL=0.1]	NTU	Max 1
3	Total Dissolved Solids	IS 3025 (Part 16) : 2023	122	mg/L	Max 500
4	Electrical Conductivity @ 25° C	APHA 24th Ed. 2510 B : 2023	188	µS/cm	NA
B] General Parameters Concerning Substances Undesirable in Excessive Amounts					
1	Ammonia as NH ₃ -N	APHA 24th Ed. 4500- NH3- F : 2023	BDL[DL=0.01]	mg/L	Max 0.5
2	Calcium as Ca	IS 3025 (Part 40); Clause 5 : 2024	12	mg/L	Max 75
3	Chlorides as Cl ⁻	IS 3025 (Part 32); Clause 2 : 1988	38	mg/L	Max 250
4	Fluoride as F ⁻	APHA 24th Ed. 4500- F- B,D : 2023	BDL[DL=0.2]	mg/L	Max 1.0
5	Iron as Fe	IS 3025 (Part 53); Clause 7 : 2024	BDL[DL=0.06]	mg/L	Max 0.3
6	Magnesium as Mg	IS 3025 (Part 46); Clause 5 : 2023	6	mg/L	Max 30
7	Nitrate as NO ₃ ⁻ - N	IS 3025 (Part 34/Sec 1), Clause 6.4 : 2023	0.2	mg/L	Max 45
8	Sulphate as SO ₄ ²⁻	IS 3025 (Part 24/Sec 1; Clause 5 : 2022	12	mg/L	Max 200
9	Phosphorus as PO ₄ ³⁻ - P	APHA 24th Ed. 4500- P E : 2023	BDL[DL=0.01]	mg/L	NA
10	Potassium as K	APHA 24th Ed. 3500 K : 2023	0.9	mg/L	NA
11	Sodium as Na	APHA 24th Ed. 3500 Na : 2023	23	mg/L	NA
12	Total Alkalinity as CaCO ₃	IS 3025 (Part 23) : 2023	48	mg/L	Max 200
13	Phenolphthalein Alkalinity as CaCO ₃	IS 3025 (Part 23) : 1986	BDL[DL=1]	mg/L	NA
14	Total Hardness as CaCO ₃	IS 3025 (Part 21) : 2009	57	mg/L	Max 200
15	Calcium Hardness as CaCO ₃	IS 3025 (Part 21) : 2009	30	mg/L	NA
C] Parameters Concerning Toxic Substances					
1	Lead as Pb	IS 3025 (Part 47); Clause 6 : 2024	BDL[DL=0.6]	mg/L	Max 0.01
E] Bacteriological Quality of Drinking Water					
1	Total Coliform Bacteria	IS 1622:1981	BDL[DL=2]	MPN/100ml	Shall not be detectable
2	Escherichia Coliform (E. coli)	IS 1622:1981	ABSENT	--	Shall not be detectable
3	Fecal Coliform (F. coli)	IS 1622:1981	BDL[DL=2]	MPN/100ml	Shall not be detectable

BDL: Below Detection Limit

DL: Detection Limit

NA: Not Applicable

Remark/ Statement of Conformity:

The parameters tested above are found to be within standard limit/range specified in IS 10500 : 2012. For parameters Electrical Conductivity, Phosphorous, Potassium, Sodium, Phenolphthalein Alkalinity & Calcium Hardness standard limit/range is not specified hence statement of conformity can't be given.

Note:

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- Any correction invalidates this test report.
- Sample was collected using laboratory's SOP (UT/LQMS/SOP/W01A) based on CPCB's Guide Manual: Water & Wastewater Analysis, APHA 24th Edition and IS3025 (Part 1).



Authorized By:

M. Namjoshi

Manasi Namjoshi
Authorized Signatory

- END OF TEST REPORT -

TEST REPORT

ISSUED TO: M/s. Dr. Balabhai Nanavati Hospital

CTS no. 1403, 1403/1 to 21, 1403/35, Taluka Andheri,
Village Vile Parle, Mumbai

REPORT NO. : UT/ELS/REPORT/ C-010 /12 - 2024

ISSUE DATE : 16/12/2024

YOUR REF. : Verbal Confirmation

REF. DATE : 02/12/2024

SAMPLE PARTICULARS

Sampling Plan Ref. No.: C 001-12/2024
Sampling Procedure : UT/LQMS/SOP/W01A
Date & Time of Sampling : 02/12/2024 17:30 Hrs.
Sample Registration Date : 03/12/2024
Analysis Starting Date : 03/12/2024
Analysis Completion Date : 10/12/2024
Sample Lab Code : UT/ELS/C-010/12-2024
Sample Collected By : ULTRA TECH ENVIRONMENTAL CONSULTANCY AND LABORATORY PVT. LTD.

WASTE WATER SAMPLE ANALYSIS

Sample Type : Treated Sewage Waste Water
Sample Location : AFTER CARBON FILTER

Sample Quantity & : 2L in Polyethylene Container.
Packaging Details : 1L in Wide Mouth Glass Bottle for Oil & Grease.

Sr. No.	Test Parameter	Test Method	Test Result	Unit	Standard Limits
1	pH @ 25° C	IS 3025 (Part 11) : 2022	7.2	-	NA
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	6	mg/L	NA
3	Oil & Grease	IS 3025 (Part 39); Clause 5.0 : 2021	BDL[DL=2]	mg/L	NA
4	Biochemical Oxygen Demand (27°C, 3Days)	IS 3025 (Part 44) : 2023	4.9	mg/L	NA
5	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	20	mg/L	NA

BDL: Below Detection Limit

DL: Detection Limit

NA : Not Applicable

Remark/ Statement of Conformity: Nil

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3. Any correction invalidates this test report.
4. Sample was collected using laboratory's SOP (UT/LQMS/SOP/W01A) based on CPCB's Guide Manual: Water & Wastewater Analysis, APHA 24th Edition and IS3025 (Part 1).

Authorized By:

Manasi Namjoshi

Manasi Namjoshi
Authorized Signatory

- END OF TEST REPORT -



MUNICIPAL CORPORATION OF GREATER MUMBAI
(HYDRAULIC ENGINEER'S DEPARTMENT)

ME/ 406 /EEWW (P.&R.)/N.O.C.

- 9 NOV 2022

Office of Ex.Eng.(P & R)
'B' Ward Office, 3rd Floor,
Near J J Hospital,
Babula Tank Cross Road,
Mumbai-400009.

EEBP (W.S)

Subject : HE's NOC for the proposed addition & alteration to the existing Hospital building and proposed horizontal expansion to the said Hospital building on plot bearing CTS no. 1403, 1403/1 to 21, 1430/35 of village Vile Parle (W), S.V road Vile parle (W) Mumbai for Dr. Balabhai Nanavati Hospital.

Reference: 1) CE/6538/BSII/AK/337/2/Amend dated 30.12.2021.
2) Scrutiny Fee Receipt No. 1004414102 dated 03.09.2022.

Name of owner / Developer: Dr. Balabhai Nanavati Hospital.

As per the plans and documents submitted by Licensed Plumber, the proposed building under reference is a Hospital building accommodating 800 beds, 2000 visitors. Total water requirement of the building works out to 883236 lpd (Existing building 457236 lpd + proposed building 426000lpd) for commercial purpose. However, demand for water connection will be recalculated by AEWV of concerned ward as per latest amended / OC plans.

By direction, I have to inform you that, as far as Hydraulic Engineer's department is concerned, there is no objection to give water supply to the proposed building additions & alteration to the existing building under reference subject to compliance of following conditions-

1. Water supply for the said commercial building will be made available as per prevailing norms, on completion of the proposed building.
2. Municipal water supply will not be made available for the Air conditioning purpose. Water supply brought from other than Municipal source shall not be mixed with Municipal water supply at any stage. Separate water storage tank and separate water mains, painted with red colour, shall be used for the same.
3. The internal distribution system within building shall be got approved from this office after obtaining full C.C. and shall be laid & certified from competent authority before availing the permanent water connection.
4. The layout of water mains in the access and internal road shall be submitted, got approved from this department and laid by owner / developer at their own cost, prior to issue of occupation certificate. Water supply will be made available only after the laying & commissioning of the same.
5. No well / bore well shall be provided on the plot, without specific NOC / remarks from Assistant Engineer Water Works KW Ward
6. Physically separate underground and overhead water storage tanks of adequate capacities for domestic and flushing purpose shall be provided. Capacity of underground water storage tank shall be obtained from AEWV KW Ward. Underground suction tank shall be located as close as possible to the existing water main in Municipal Road and the same shall not be in 1.5 M vicinity of drainage / Sewer line / Manhole / Inspection Chamber. Top of the underground storage tank shall be maintained at about 60 cm above adjacent ground / floor level and minimum head clearance of 1.20 M shall be maintained for inspection and cleaning of tanks.
7. A clear minimum distance of 1.20 m shall be maintained between the bottom of overhead storage tank and terrace floor level.
8. Adequate precaution shall be taken while designing and execution of the structural members continuously in contact, with chlorinated Municipal water in the suction tank, located in the basement of the building. As suction tank is located within the building line, adequate care shall be taken to avoid contamination and adequate arrangements shall be made to drain out the overflow water.
9. Automatic level control sensors & Ball Cock arrangement shall be provided in overhead & underground water storage tanks to avoid overflow from tanks.



10. Water conservation devices such as dual flushing cisterns (ISI marked) / dual flush valves for W.C.'s and sensor operated taps for wash basins & urinals, shall be installed in the building.
11. This NOC is being issued for plans approved vide No. CE/6538/BSII/AK/337/2/Amend dated 30.12.2021. While amendment in building plans, if water demand of the building exceeds above 10%, this NOC will be treated as cancelled and fresh NOC shall have to be obtained from this office by submitting set of amended plans and other required documents.

sd/-
Executive Engineer Water Works
(Planning & Research)

Copy to : Owner / Developer : Dr. Balabhai Nanavati Hospital.

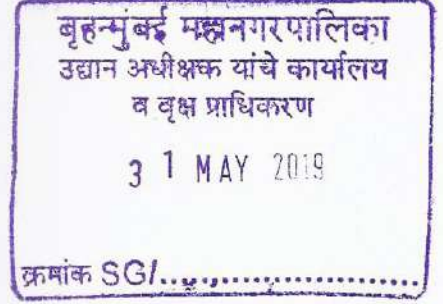
C/O : M/S. Vikas Enterprises

✓ B/001, Shree Gan CHS LTD,
Near Cosmos school,
Quarry road, Bhandup (W),
Mumbai 400 078.

For information, regarding your letter received on 07.09.2022 further compliance dated 03.11.2022

sd/-
9/11/2022
EEWW(P&R)





Date: 30th May, 2019

To,
The Supdt. of Gardens & Tree Officer
Municipal Corporation of Greater Mumbai
Veermata Jijabai Bhosale Udyan
Dr Ambedkar Road - Byculla
Mumbai 400027

Sub: Permission for cutting/ transplanting of trees coming in the work of proposed additions & alterations to the existing hospital building and proposed horizontal expansion to the said hospital building on plot bearing CTS No 1403, 1403/1 to 21, 1403/35 of Village Vileparle (W), SV Road, Vile Parle (W), Mumbai.

Dear Sir,

Please refer to your letter no. DUSG/2-iv/389/P dated 18th Nov 2016 on the above subject granting permission to Dr Balabhai Nanavati Hospital (DBNH) to cut / transplant trees as follows **(Refer Enclosure 1 for ready reference):**

- | | |
|--------------------|---|
| (a) To cut: | 26 nos. (but to be replaced with 78 new trees). |
| (b) To transplant: | 34 nos. |
| (c) To be retain: | 44 nos. |
| Total: | 104 nos. |

As transplantation of trees within DBNH (Dr. Balabhai Nanavati Hospital) before forthcoming expansion project will damage these trees because of inadequate suitable area on ground, DBNH forwarded a proposal on 23rd Aug 2018 to Airport Authority of India (AAI), Mumbai **(Refer Enclosure 2)** to collaborate with AAI to conserve environment in Vile Parle (West) area by transplanting trees and planting new trees at AAI premises across S.V. Road. Consequently, AAI issued Licence for development, beautification and maintenance at Juhu Airport for 3 years (from the date of taking over site) to DBNH vide their letter AAI/Juhu/LM/2019/28 dated 16th April, 2019 **(Refer Enclosure 3)**.

In accordance with AAI's letter an Agreement dated 26th April, 2019 has been executed between DBNH & AAI **(Refer Enclosure 4)** and a Landscape Framework Plan has been approved by AAI on 28th May, 2019 letter reference no.: E-7/J.J./ Commercial / General / 93 / 444 **(Refer Enclosure 5)**.

The Plan includes:

- Plantation of 78 numbers of new trees against 26 numbers of trees to be cut at DBNH.
- Replantation of 32 trees as 2 trees are dead.



Page 1 of 2



Nanavati

Super Speciality Hospital

- (c) Plantation of additional new 19 trees (of same species) for 2 numbers dead trees and 17 numbers transplanted trees which may not survive.
- (d) Plantation of additional 100 new trees for beautification.
- (e) Plantation of additional 5 types of shrubs in 200 beds for beautification. Each bed of size 2.7m x 0.9m.

Request you to kindly grant the consent to execute above mentioned plan at Airport Authority of India, Juhu Airport, Mumbai.

Thanking you.

Yours truly,

Dr. Rajendra Patankar
Chief Operating Officer



Enclosures:

- Enclosure 1: MCGM Permission letter for cutting/transplanting of trees. Ref. No.: DUSG/2 iv/389/P.
- Enclosure 2: DBNH Proposal to Airport Authority of India dated 23rd August, 2018.
- Enclosure 3: Airport Authority of India License dated: 16th April, 2019 Ref. No.: AAI/Juhu/LM/2019/28.
- Enclosure 4: AAI & DBNH Agreement copy dated 26th April, 2019.
- Enclosure 5: Landscape Framework Plan as approved by AAI letter dated 28th May, 2019 Ref.No.: E-7/J.J./ Commercial / General / 93 / 444.

MUNICIPAL CORPORATION OF GREATER MUMBAI
TREE AUTHORITY

Office of the,
Dy. Supdt. of Gardens (Zone-IV)
3rd Floor, K/West Ward Office Building,
Paliram Path, Andheri (W), Mumbai- 400 058
No. : *DYSG/IV/CTP/142/TA*
Dt. : *04/07/2019*

To,
Dr. Rajendra Patankar,
Chief Operating Officer,
Nanavati Super Speciality Hospital,
Dr. Balabhai Nanavati Hospital,
S. V. Road, Vile Parle (W),
Mumbai – 400 056.

Sub: - Request to grant permissions for transplantation of trees & plantation of new trees at alternate location from existing Hospital Building & proposed horizontal expansion to the said Hospital Building on plot bearing CTS No. 1403, 1403/1 to 21, 1403/35 of village Vile Parle (W), S. V. Road, Vile Parle (W), Mumbai to Airport Authority of India (AAI) premises, Juhu Airport, across S. V. Road, Vile Parle (W), Mumbai – 56.

Ref: - 1) Application from Nanavati Super Speciality Hospital, dt. 31/05/2019
2) NOC from Supdt. of Gardens & Tree officer u/no. Dy.S.G./TA/P/389/P Dt. 18/11/2016
3) AAI's letter an agreement Dt. 26/04/2019 in between Dr. Balabhai Nanavati Hospital & AAI & Lanscape framework Plan approved by AAI Dt. 28/05/2019.

Gentleman,

Please refer your letter dt. 31/05/2019 on above subject matter, in this case it is to inform you that your request for compensatory plantation of trees as per NOC granted u/no. Dy.S.G./TA/P/389/P Dt. 18/11/2016 wherein requested to preserve 44 nos. of existing trees on site and to transplant 34 nos. of trees and to cut 26 nos. of trees for plot bearing CTS No. 1403, 1403/1 to 21, 1403/35 of village Vile Parle (W), S. V. Road, Vile Parle (W), Mumbai at Airport Authority of India (AAI) premises, Juhu Airport, across S. V. Road, Vile Parle (W), Mumbai – 56, has been considered subject to the following conditions:

1. Submit the photographs taken before, while & after plantation & transplantation of trees.
2. Asstt. Supdt. of Gardens, K/West should be intimated well in advance before execution of work.
3. Please note that all other conditions mentioned in the permission letter No. Dy.S.G./TA/P/389/P Dt. 18/11/2016 shall be complied with.

Yours faithfully,

[Signature]
31/11/19

Supdt. of Gardens & Tree Officer

१२

नवशक्ति

मुंबई, बुधवार, १२ जून २०१९

जाहीर सूचना

प्लॉट क्रमांक १४०३, १४०३/१ ते २१, १४०३/३५, विलेपार्ले, अंधेरी, मुंबई - ४०० ०५६ येथील प्रस्थावित आरोग्य सुविधा विस्ताराच्या प्रकल्पास पर्यावरण विभाग, महाराष्ट्र शासन यांची SEIAA-EC-000000 १५४३, दिनांक २८ मे २०१९ च्या पत्रान्वये पर्यावरणविषयक परवानगी मिळाली आहे. या परवानगी पत्राच्या प्रती महाराष्ट्र प्रदूषण नियंत्रण मंडळ यांच्या कार्यालयात व पर्यावरण विभाग, महाराष्ट्र शासन यांच्या <http://www.ecmpcb.in> या संकेतस्थळावर उपलब्ध आहेत.

स्थळ : मुंबई

दिनांक : १२/०६/२०१९

14

THE FREE PRESS JOURNAL

MUMBAI | WEDNESDAY | JUNE 12, 2019 www.freepressjournal.in

Public Announcement

The proposed Expansion of Healthcare Facility located at CTS number : 1403, 1403/1 to 21 and 1403/35, Vile Parle, Andheri, Mumbai - 400056, has been accorded Environmental Clearance by the Environment Department, Government of Maharashtra vide letter No. SEIAA-EC-0000001543 dated 28 th May 2019. Copies of the said environmental clearance are available with Maharashtra Pollution Control Board and on website of the Environment Department, Government of Maharashtra at <http://www.ecmpcb.in>

Place : Mumbai

Date : 12/06/2019

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

RED/L.S.I

No:- Format1.0/CAC/UAN No.0000078622/CE - 2106000624

Date: 14/06/2021

To,
Dr. Balabhai Nanavati Hospital,
CTS no 1403, 1403/1 to 21, 1403/35, Vile Parle
West, Andheri, Mumbai.



Your Service is Our Duty

Sub: Combined Consent to Establish and BMW Authorization for expansion project under Red Category

- Ref:**
1. Combine Consent and Bio-Medical Authorization granted by the Board vide no. 73548/CAC-1911000455 Dated 13.11.2019 valid up to 31.03.2022.
 2. Environmental Clearance granted by the Environment Department, GOM Dated 28.05.2019.
 3. Your application for Combine Consent and Bio-Medical Authorization dated 17.08.2019
 4. The minutes of Consent Appraisal Committee meeting dated 15.05.2020.

Combined Consent to Establish and BMW Authorization.

For: 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 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 and Bio-Medical Waste Management Rules, 2016 and amendment thereof 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 establish is granted for a period up to commissioning of the unit or up to 5 year whichever is earlier.**
The capital investment of the project is Rs.649.70 Crs. (As per C.A Certificate submitted by industry Existing-Rs. 273.10 Crs + Expansion in C.I. - Rs. 376.60 Crs).
2. **The Consent is valid for the Activity of**

Sr No	Activity	Quantity	UOM
1)	Hospital		
a)	Beds	428	Nos
b)	Total Plot Area	15960.30	Sq.Mtrs
c)	Total Built up Area	79004.60	Sq.Mtrs

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

Sr No	Description	Permitted (in CMD)	Standards to Achieve	Disposal
1.	Trade effluent	45	As per Schedule -I	Treated effluent again sent in to STP and than treated effluent recycle and disposed in sewerage system of Local Body.
2.	Domestic effluent	395	As per Schedule - I	Treated sewage recycle and disposed in sewerage system of Local Body.

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

Sr.No	Description of stack / source	Number of Stack	Standards to be achieved
1	DG set [3 Nos X 1875 KVA]	1	As per Schedule -II

6. Conditions under Hazardous & Other Wastes (M & T M) Rules 2008 for treatment and disposal of hazardous waste:

Sr No	Type of Waste	HW Category.	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	5.1	5.0	Lit/Day	Recycle	Sale to authorized Recycler.
2	35.3 Chemical sludge from waste water treatment	35.3	5	Ltr/A	Landfill	CHWTSDF

7. Conditions about Non Hazardous Wastes:

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Wet Waste	1704.55	Kg/Day	OWC	Used as a Manure
2	Dry Waste	454.55	Kg/Day	Recycle/ composting	Recycle or hand over to local body/ Used as manure
3	STP Sludge	10	Kg/Day	Recycle/ composting	Recycle or hand over to local body/ Used as manure

8. Treatment and Disposal of Biomedical Waste generated to CBMWTSDF:

Sr.No	Category	Type of Waste	Quantity not to exceed (Kg/M)	Segregation Color coding	Treatment & Disposal
1	Yellow	a) Human Anatomical waste	6196.00	Yellow colored non-chlorinated plastic bags	CBMWTSDF
		b) Soiled Waste	2572.00		
		c) Chemical Waste	79.00		
2	Red	Contaminated waste (Recyclable)	11988.52	Red colored non chlorinated plastic bags or containers	CBMWTSDF
3	White (Translucent)	Waste sharps including Metals	382.77	Puncture proof, Leak proof, tamper proof container	CBMWTSDF



Sr.No	Category	Type of Waste	Quantity not to exceed (Kg/M)	Segregation Color coding	Treatment & Disposal
4	Blue	a) Glassware	2684.83	Puncture proof & leak proof boxes or containers with blue colored marking.	CBMWTSDF

9. PP shall comply the following guidelines published by the CPCB on February-2019 regarding handling of BMW for utilization
1. HCE shall preferably handover Bio-medical wastes such as pleural fluid, ascetic fluid, HBsAG positive blood, placenta etc. to the Pharmaceutical industry / Biotechnology firms for production of drugs, reagent chemicals, markers etc. if any such as Pharmaceutical industry / Biotechnology firm approaches them for the same. If there are any difficulties in the matter, the same may be communicated to such firm and copied to the board also.
 2. HCE shall strictly follow the procedure for packaging & transportation of Bio-medical Wastes such as pleural fluid, ascetic fluid, HBsAG positive blood, placenta etc. to the Pharmaceutical industry / Biotechnology firms as per the guidelines of CPCB published in Feb-2019 for "Handling of BMW for utilization".
 3. HCEs shall submit the report to the Board office about type, quantity and frequency of handling over such BMW on yearly basis.
 4. Industry to enter into legal agreement with HCE's and inform the MPC Board and competent authority of State Public Health Department about such collection of BMW along with quantity and type of waste collected.
 5. In case of any technical difficulty towards handing over the required BMW, you shall inform to the Board accordingly.
 6. HCEs shall properly dispose and handover the waste to authorised user / facilities having valid consent to operate from MPCB.
10. This consent is issued subject to conditions mentioned below:
- a. The "authorized Person" shall comply with provisions of the Environment (Protection) Act, 1986, and the Rules made there under.
 - b. Any unauthorized change in equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of this Authorization.
 - c. You shall submit details of Management and Handling of outdated, discarded, unused Cytotoxic drugs generated in the Cancer centers, research and health care in the format prescribed by CPCB which is available on www.cpcb.nic.in alongwith Annual Report to MPCB with a copy to CPCB before 31st January every year.
 - d. You shall manage the Mercury Waste in the HCE in environmentally sound manner (including storage, spilled collection, transportation and disposal) as per CPCB guidelines published on CPCB website www.cpcb.nic.in dated: 07.09.2010 as detailed in document entitled "Environmentally Sound Management of Mercury Waste in Health Care Facilities".
 - e. You shall ensure phase out of chlorinated plastic bags, gloves and blood bags by HCEs within two years.

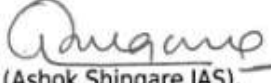


Maharashtra Pollution Control Board

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- f. You shall establish Bar code system within one year.
 - g. You shall ensure that the liquid waste is treated and disposed by all the occupier or operator of a CBWTF in accordance with the Water Act, 1974;
 - h. You shall maintain day to day basis and display the monthly record Including Annual report on its website within two years from the date of Notification.
 - i. You shall submit separate Bank Guarantees towards compliance of condition mentioned at Annexure - IV to Regional Office, within 30 days.
 - j. You shall submit compliance of Bank Guarantee conditions every six months to Regional Officer, for verification purpose.
 - k. You shall submit application for renewal of Combined Consent and Biomedical Waste authorization before 120 days along with appropriate fees.
11. This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
 12. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.

For and on behalf of the
Maharashtra Pollution Control
Board.


(Ashok Shingare IAS),
Member Secretary

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	753200.00	5454166	13/09/2019	RTGS
2	15000.00	5454168	18/09/2019	NEFT

Copy to:

1. Regional Officer, MPCB, Mumbai and Sub-Regional Officer, MPCB, Mumbai III
- 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 Effluent Treatment Plant (ETP) of designed capacity of 100.00 CMD consisting of Primary (Collection tank, Neutralization tank, Equalization tank) .
- B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent 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	Standards
	I. Compulsory Parameters	Limiting Concentration in mg/l, except for pH
(1)	pH	5.5 to 8.5
(2)	Oil & Grease	10 mg/l
(3)	BOD (3 days 27°C)	30 mg/l
(4)	Total Suspended Solids	100
(5)	COD	250 mg/l

- C] The treated effluent shall be further treated in ETP after that treated effluent recycled for secondary purposes such as toilet flushing, air conditioning, firefighting etc. and remaining shall be discharged to sewerage system provided by the local body after confirming the above standards. In no case, effluent shall find its way to any water body directly/indirectly at any time and outside of hospital.

2. A] As per your application, you have provided Sewage Treatment Plant of designed capacity 650 CMD for the treatment of 395 CMD of sewage.
- B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

1	pH	Not to exceed	5.5-9.0
2	BOD (3 days 27c 0	Not to exceed	30 mg/l
3	COD	Not to exceed	100 mg/l
4	Total Susoended Solids	Not to exceed	50 mg/l
5	Oil & Grease	Not to exceed	10 mg/l

- C] The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise and remaining shall be disposed in sewerage system provided by local body. In no case, sewage shall find its way outside hospital premises.

3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & 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 an extension or addition thereto.

4. 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.
5. 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.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	450.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	50.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	0

6. 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/ Environmental Clearance/ CREP guidelines.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

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

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S%	SO ₂
S-1,2,3	DG set [3 Nos X 1875 KVA]	Acoustic enclosure and Stack	5.0 mtr above roof	HSD	840 Kg/Day	1.00	16.80

2. The applicant shall provide stack height of mtrs operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Total Particulate 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/alteration 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 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 MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.

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	Combined Consent to Establish and BMW Authorization	Rs. 5.0 Lakhs	15 Days	Towards compliances of consent conditions	----	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.

Statement of conditions to be complied and Bank Guarantee imposed to ensure timely compliance to be observed by:

Sr.No	Activity / Condition to be Complied	Compliance Timeline(Months)	Bank Guarantee Amount
1A	Performance		
1			

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



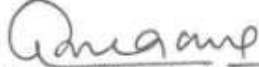
SCHEDULE-IV

General Conditions:

1. You shall provide facility for collection of environmental samples and samples of trade and 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. You should monitor effluent quality, stack emissions, noise and ambient air quality quarterly
3. You shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/displayed to facilitate identification.
4. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
5. You shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
6. You shall submit, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992 to Regional Office, , the 30th day of September every year.
7. You shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the HW (MH&TM) Rules 2008, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc should go for that purpose, in order to reduce load on incineration and landfill site/environment.
8. You shall comply with the Hazardous Waste (M, H & TM) Rules, 2008 and submit the Annual Returns to RO- as per Rule 5(6) & 22(2) of Hazardous Waste (M, H & TM) Rules, 2008 for the preceding year April to March in Form-IV by 30th June of every year.
9. An inspection book shall be opened and made available to the Board's officers during their visit to the HCE.
10. You shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
11. You shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent & authorization condition towards Environment Protection.
12. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.

13. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the HCE.
14. You shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
15. You should not cause any nuisance in surrounding area.
16. You shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
17. You shall maintain good housekeeping.
18. You shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement to Regional Office by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
19. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
20. You shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. You will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
21. You shall submit Six Monthly statement in respect of obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
22. You shall submit official e-mail address and any change will be duly informed to the MPCB, forthwith.
23. You shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dtd. 16.11.2009 as amended
24. You shall observe provisions of E-waste (Management and Handling) Rules 2011 and Battery Waste (Management and Handling) Rules 2001, as amended.

For and on behalf of the
Maharashtra Pollution Control
Board.


(Ashok Shingare IAS),
Member Secretary



Maharashtra Pollution Control Board
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STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date: May 28, 2019

To,
Dr. Balabhai Nanavati Hospital
at CTS number: 1403, 1403/1 to 21 and 1403/35

Subject: Environment Clearance for Expansion of Dr. Balabhai Nanavati Hospital at Vile Parle, Mumbai
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-II, Maharashtra in its 96th 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 167th meetings.

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

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

1.Name of Project	Expansion of Dr. Balabhai Nanavati Hospital at Vile Parle, Mumbai
2.Type of institution	Private
3.Name of Project Proponent	Dr. Balabhai Nanavati Hospital
4.Name of Consultant	Aditya Environmental Services Pvt. Ltd.
5.Type of project	Hospital
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	CTS number: 1403, 1403/1 to 21 and 1403/35
9.Taluka	Andheri
10.Village	Vile Parle
Correspondence Name:	Dr. Rajendra Patankar
Room Number:	-
Floor:	4th Floor
Building Name:	Dr. Balabhai Nanavati Hospital
Road/Street Name:	S. V. Road
Locality:	Vile Parle (West)
City:	Mumbai
11.Area of the project	Municipal Corporation of Greater Mumbai (MCGM)
12.IOD/IOA/Concession/Plan Approval Number	CE/6538/BS-II/AK dtd 20th April 2016 IOD/IOA/Concession/Plan Approval Number: CE/6538/BS-II/AK dtd 20th April 2016 Approved Built-up Area: 26294.08
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	15,960.30 sq. m.
16.Deductions	493.19 sq. m.
17.Net Plot area	15,467.11 sq. m.

SEIAA Meeting No: 167 Meeting Date: May 21, 2019 (SEIAA-STATEMENT-000001670)
SEIAA-MINUTES-000001925
SEIAA-EC-000001543

18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): 43,925.63 sq. m.
	Non FSI area (sq. m.): 24725.59 sq. m.
	Total BUA area (sq. m.): 80609
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 43,925.63 sq. m.
	Approved Non FSI area (sq. m.): 24725.59 sq. m.
	Date of Approval: 20-08-2016
19.Total ground coverage (m2)	6636.10 sq. m.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	41.57%
21.Estimated cost of the project	3842000000



Government of Maharashtra

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	MCGM and recycled water from STP
	Fresh water (CMD):	600
	Recycled water - Flushing (CMD):	129
	Recycled water - Gardening (CMD):	20
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	797
	Fire fighting - Underground water tank(CMD):	250
	Fire fighting - Overhead water tank(CMD):	30
	Excess treated water	348
Wet season:	Source of water	MCGM and recycled water from STP
	Fresh water (CMD):	600
	Recycled water - Flushing (CMD):	129
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	777
	Fire fighting - Underground water tank(CMD):	250
	Fire fighting - Overhead water tank(CMD):	30
	Excess treated water	368
Details of Swimming pool (If any)	Not Applicable	

Government of Maharashtra

24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	450	797 (includes existing)	797	15	15 (includes existing)	15	81	605 (includes existing)	605

25.Rain Water Harvesting (RWH)	Level of the Ground water table:	1.5 m
	Size and no of RWH tank(s) and Quantity:	Not Applicable
	Location of the RWH tank(s):	Not Applicable
	Quantity of recharge pits:	3
	Size of recharge pits :	3 m dia. X 5 m deep
	Budgetary allocation (Capital cost) :	Rs. 9 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 0.50 Lakhs/ Annum
Details of UGT tanks if any :	Fire UGT = 250 cum Municipal Tank = 900 cum STP Treated water tank = 50 cum and 300 cum RO Reject storage tank = 50cum	

26.Storm water drainage	Natural water drainage pattern:	Natural drainage pattern will be maintained.
	Quantity of storm water:	Will be designed as per maximum rainfall
	Size of SWD:	250 mm dia. pipe

27.Sewage and Waste water	Sewage generation in KLD:	605
	STP technology:	MBBR
	Capacity of STP (CMD):	650
	Location & area of the STP:	Location: Basement-2 & Basement-3, Area: 350 sq. m.
	Budgetary allocation (Capital cost):	Rs. 100 Lakhs
	Budgetary allocation (O & M cost):	Rs. 12 Lakhs/Annum

28.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction waste: about 1- 3 cu.m./ day, Demolition waste: approx. 3,254.5 cu.m., Excavated substratum: approx 62,421 cu.m.
	Disposal of the construction waste debris:	Debris generated during construction phase will be collected at one place and will be disposed off to MCGM approved land filling sites.
Waste generation in the operation Phase:	Dry waste:	454.55 kg/day
	Wet waste:	1704.55 kg/day
	Hazardous waste:	Phase-I: 27.31 kg/month, Phase-II: 35.53 kg/month
	Biomedical waste (If applicable):	Estimated waste (kg/month): Red bags: 9,216.18 (Phase-I), 11,988.52 (Phase-II), Yellow bags: 6,801.74 (Phase-I), 8,847.80 (Phase-II), Blue card boards: 2,063.97 (Phase-I), 2,684.83 (Phase-II), Puncture-proof containers: 294.26 (Phase-I), 382.77 (Phase-II)
	STP Sludge (Dry sludge):	2.4 kg/day
	Others if any:	Not Applicable
Mode of Disposal of waste:	Dry waste:	Segregation and sale of recyclables, inerts to approved landfill site.
	Wet waste:	OWC on site
	Hazardous waste:	Disposed off to Mumbai Waste Management Ltd.
	Biomedical waste (If applicable):	Disposed off to CBWFT through M/s. SMS Envoclean BMW Management (P) Ltd.
	STP Sludge (Dry sludge):	To be mixed with wet waste and converted to compost.
	Others if any:	Not Applicable
Area requirement:	Location(s):	As South West corner of new bldg area on Ground
	Area for the storage of waste & other material:	100 sq. m.
	Area for machinery:	14 sq. m.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 22 Lakhs
	O & M cost:	Rs. 2.0 Lakhs

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29. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	-	6.0-8.5	6.0-8.5	6.0-8.5
2	BOD5	mg/L	250-400	10	10
3	COD	mg/L	600-800	30	30
4	SS	mg/L	200-450	Less than 10	Less than 10
5	Oil & Grease	mg/L	Up to 20	Less than 10	Less than 10
6	TDS	mg/L	400-450	Less than 1000	Less than 1000
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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Maharashtra**

30.Hazardous Waste Details							
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Xylem	Not applicable	kg	15.63	Phase I: 27.31 kg/ month Phase II: 35.53 kg/ month	35.53 kg/ month	Disposed off to Mumbai Waste Management Ltd.

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	1875 KVA DG Set -1, 1875 KVA DG Set -2, 1875 KVA DG Set -3	High Speed Diesel, 990 L X 2 tank	3	30 m	400 mm	275 deg.C

32.Details of Fuel to be used				
Serial Number	Type of Fuel	Existing	Proposed	Total
1	High Speed Diesel	990 L	990 L X 2 tanks	990 L X 2 tanks


Source of Fuel	Local petrol pump
Mode of Transportation of fuel to site	Tanker

33.Energy		
Power requirement:	Source of power supply :	Reliance Energy
	During Construction Phase: (Demand Load)	100 kVA
	DG set as Power back-up during construction phase	125 kVA
	During Operation phase (Connected load):	4788 kW
	During Operation phase (Demand load):	3830 kW
	Transformer:	2 transformers of 2500 kVA
	DG set as Power back-up during operation phase:	3 X 1875 kVA (100% backup)
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Not Applicable

34.Energy saving by non-conventional method:
Energy savings measures: • LED light fixtures, transformer efficiency as per ECBC norms

36.Detail calculations & % of saving:		
Serial Number	Energy Conservation Measures	Saving %
1	Power saving for chiller in one year = 10,17,900 kWh	10%
2	Power saving due to VFD in Pumps in one year = 81,000 kWh	20%
3	Power saving due to VFD in AHU in one year = 1,665 kWh	20%

37.Details of pollution control Systems

SEIAA Meeting No: 167 Meeting Date: May 21, 2019 (SEIAA-STATEMENT-000001670) SEIAA-MINUTES-000001925 SEIAA-EC-000001543	Page 7 of 14	 Shri. Anil Diggikar (Member Secretary SEIAA)
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Source	Existing pollution control system	Proposed to be installed
Air and Noise pollution from DG Sets	Stack height as per CPCB requirements, Acoustic enclosures as per EP Act	Stack height as per CPCB regulations. As per the CPCB regulations, DG sets will be installed in acoustic enclosures.
Sewage	Existing STP on site	Existing STP to be demolished and proposed STP to be installed in new proposed building
Solid waste	Existing OWC on site	New OWC to be installed
Bio-medical waste	Disposed off to CBWFTFS through M/s. SMS Envoclean BMW Management (P) Ltd	Disposed off to CBWFTFS through M/s. SMS Envoclean BMW Management (P) Ltd
Hazardous Waste	Disposed off to Mumbai Waste Management Ltd.	Disposed off to Mumbai Waste Management Ltd.

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	STP = Rs. 50 lakhs, OWC = Rs. 20 lakhs
	O & M cost:	STP = Rs. 5 lakhs/month, OWC = Rs. 1.6 lakhs/month

38.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Demolition waste/ Debris disposal	NA	4.00
2	Toilets for labour + drinking water + first aid arrangement	NA	2.00
3	Health and Safety of Labourers	NA	15.00
4	Monitoring of Environmental Parameters	NA	1.00
5	Environment monitoring cell	NA	3.00

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	NA	Sewage Treatment Plant	100.0	12.0
2	NA	Solid Waste Management	30.0	2.40
3	NA	Rain Water Harvesting	3.0	0.2
4	NA	Green Belt	7.00	4.00
5	NA	Energy saving features + Solar Water Heater/ Solar Power	10.0	0.25
6	NA	Fire Fighting measures	961.0	6.20
7	NA	Monitoring of Environmental Parameters	-	2.00
8	NA	Environment monitoring cell	-	2.50

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
Xylem	Liquid	Bottles	16.95 kg	16.95 kg	15.63	Fisher Scientific	By hand

40.Any Other Information

No Information Available



Government of Maharashtra

	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	8(a)
	Court cases pending if any	Not applicable
	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

3. The proposal has been considered by SEIAA in its 167th 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 the comparative statement regarding existing facilities available & proposed with respect to all environmental parameters, like sewage generation & disposal, hazardous, biomedical, radioactive waste generation & disposal. Fire fighting facilities, DMP etc.
II	PP to submit the details regarding department wise super speciality proposed.
III	PP to submit the details regarding the proposed 100 % pure air generation facility.
IV	PP to submit the detail plan regarding disposal of hazardous waste.
V	PP to submit the detail plan regarding disposal of biomedical waste.
VI	PP to submit Atomic Energy Regulatory Board (AERB) NoC.
VII	PP to submit the detail design & calculation for the ETP.
VIII	PP to submit the Indoor air quality, Indoor light quality analysis & Ventilation analysis report.
IX	PP to submit the radioactive waste disposal plan.
X	PP to carry out ECBC energy calculation studies.
XI	PP to submit the detail plan for vehicular movement.
XII	PP to submit detail fire tender movement plan.
XIII	PP to provide 40% STP tanks area open to sky for adequate ventilation.
XIV	PP to submit the site specific disaster management plan.
XV	PP to provide connection between small atrium to big atrium which can be used during the disaster like fire.
XVI	PP to follow the all conditions laid down by Atomic Energy Regulatory Board (AERB) for procurement of radiation sources & nuclear medicine facility.
XVII	PP to submit the PESO NoC for diesel storage required for DG set.
XVIII	PP to ensure that Biomedical waste should be disposed off as per Bio-medical Waste Management Rules, 2018
XIX	PP to upload the day light analysis report.
XX	PP to ensure that, during construction necessary noise level standees to be maintained in the existing premises.
XXI	PP to submit CER of 0.75 % prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertake under CER to be get approved from collector/ local body or Environment Department.
XXII	PP to submit CER plan to Municipal Commissioner and submit the acknowledgement copy to submitted to Member Secretary, SEIAA.
XXIII	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.
XXIV	SEIAA decided to grant EC for :FSI: 25961.65 m2, Non-FSI: 13385.94 m2 and Total BUA: 39347.59m2 (IOD no-CE/6538/BSII/AK, Date- 20.04.2016 by MCGM)

General Conditions:

I	E-waste shall bedisposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
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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 MUMBAI
10. MUNICIPAL COMMISSIONER NAVI MUMBAI
11. REGIONAL OFFICE MPCB MUMBAI
12. REGIONAL OFFICE MPCB NAVI MUMBAI
13. REGIONAL OFFICE MIDC ANDHERI
14. REGIONAL OFFICE MIDC KOPER KHAIRANE NAVI MUMBAI
15. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
16. COLLECTOR OFFICE MUMBAI
17. COLLECTOR OFFICE MUMBAI SUB-URBAN



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), Maharashtra)

To,

The Sr Vice President and Head Operations
DR BALABHAI NANAVATI HOPSITAL
Dr Balabhai Nanavati Hospital, S.V. Road, Vile Parle West, Mumbai -
400056 -400056

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity
under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)
in respect of project submitted to the SEIAA vide proposal number
SIA/MH/MIS/262585/2022 dated 19 Mar 2022. The particulars of the environmental
clearance granted to the project are as below.

1. EC Identification No.	EC23B038MH191967
2. File No.	SIA/MH/MIS/262585/2022
3. Project Type	Expansion
4. Category	B2
5. Project/Activity including Schedule No.	8(a) Building and Construction projects
6. Name of Project	Application for further release of Environmental Clearance for proposed expansion of existing Dr. Balabhai Nanavati Hospital building located at CTS nos. 1403, 1403/1 to 21 and 1403/35, Taluka Andheri, Village Vile Parle (West), Mumbai, Maharashtra b
7. Name of Company/Organization	DR BALABHAI NANAVATI HOPSITAL
8. Location of Project	Maharashtra
9. TOR Date	N/A

The project details along with terms and conditions are appended herewith from page
no 2 onwards.

Date: 26/05/2023

(e-signed)
Pravin C. Darade , I.A.S.
Member Secretary
SEIAA - (Maharashtra)

*Note: A valid environmental clearance shall be one that has EC identification
number & E-Sign generated from PARIVESH. Please quote identification
number in all future correspondence.*

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STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/MIS/262585/2022
Environment & Climate
Change Department
Room No. 217, 2nd Floor,
Mantralaya, Mumbai- 400032.

To
Dr. Balabhai Nanavati Hospital,
CTS nos. 1403, 1403/1 to 21 and 1403/35,
Taluka Andheri, Village Vile Parle (West),
Mumbai.

Subject : Environmental Clearance for proposed expansion of existing Dr. Balabhai Nanavati Hospital building located at CTS nos. 1403, 1403/1 to 21 and 1403/35, Taluka Andheri, Village Vile Parle (West), Mumbai, by Dr. Balabhai Nanavati Hospital.

Reference : Application no. SIA/MH/MIS/262585/2022

This has reference to your communication on the above-mentioned subject. The proposal was considered by the SEAC-2 in its 188th meeting under screening category 8 (a) B2 as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 259th (Day-1) meeting of State Level Environment Impact Assessment Authority (SEIAA).

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

Sr. No.	Description	Details	
1	Proposal Number	SIA/MH/MIS/262585/2022	
2	Name of Project	Further release for Expansion of Dr. Balabhai Nanavati Hospital	
3	Project category	Category 8 (a) 'B'	
4	Type of Institution	Private	
5	Project Proponent	Name	Mr. Deepak P Patkar
		Regd. Office address	Dr. Balabhai Nanavati Hospital S. V. Road, Vile Parle (West), Mumbai - 400056
		Contact number	022-26267500,
		e-mail	deepak.patkar@nanavatihospital.org
6	Consultant	Aditya Environmental Services Pvt. Ltd. Accreditation no: NABET/EIA/2225/RA 0262 Date of validity: 01.05.2022	
7	Applied for	Further release of EC	
8	Location of the project	At CTS nos.1403, 1403/1 to 21 and 1403/35, Taluka, Andheri, Village Vile Parle (West), Mumbai,	

		Maharashtra.			
9	Latitude and Longitude	Latitude: 19°05'43.81" N Longitude: 72°50'23.19" E			
10	Plot Area (sq.m.)	15,960.30			
11	Deductions (sq.m.)	493.19			
12	Net Plot area (sq.m.)	15,467.11			
13	Ground coverage (m2) & %	6636.10 (41.5%)			
14	FSI Area (sq.m.)	Total FSI area (Existing building + Proposed building): 55,882.93 sq.m • Existing building FSI area: 11,9573.3 sq.m • Proposed building FSI area: 43,925.63 sq.m			
15	Non-FSI (sq.m.)	Total Non FSI area (Existing building + Proposed building): 24,725.59 sq.m • Existing building Non FSI area: Nil • Proposed building Non FSI area: 24,725.59 sq.m			
16	Proposed built-up area (FSI + Non FSI) (sq.m.)	Total gross construction BUA (Existing building + Proposed building): 80,609 sq.m • Existing building gross construction BUA: 11,957.3 sq.m • Proposed building gross construction BUA: 68,651.22 sq.m			
17	TBUA (m ²) approved by Planning Authority till date	A) Approval no: CE/6538/BS-II/AK dtd. 20th April 2016, Approved Built-up Area: • FSI area: 25,961.65 sq.m, • Non FSI area: 13,385.94 sq.m • Gross construction built up area: 39,347.59 sq.m B) Approval no. CE/6538/BSII/AK/337/2/AMEND dated 30.12.2021 Approved Built-up Area: • FSI area: 34,981.47 sq.m • Non FSI area: 4,201.69 sq.m, • Gross construction built up area: 39,183.16 sq.m			
18	Earlier EC details with Total Construction area, if any.	1. EC letter no. SEIAA-EC-0000001543, Dated. 28 th May, 2019 FSI area: 43,925.63 sq. m. Non FSI area: 24725.59 sq. m. Total Construction area (FSI + Non FSI): 80,609 sq.m			
19	Construction completed as per earlier EC (FSI + Non FSI) (sq.m.)	No construction has been started at site.			
20	Previous EC / Existing Building		Proposed Configuration		Reason for Modification / Change
	Building	Configuration	Height	Building	

	Name		(m)	Name		(m)	
	Auditorium building	3 Basements	-	No Change			Nil
	Main hospital building	Ground + 4 floors		No Change			Nil
	Proposed building	3 Basements + Gr + 11 floors	44.85 up to terrace	No Change			Nil
	Temp Structures are kept in abeyance	Ground		No Change			Nil
21	No. of Tenements & Shops			Existing Beds: 343 nos. Beds after demolition of Annex 1 and Annex 2: 160 nos. Beds after Phase I: 504 nos. Beds after Phase II: 776 nos.			
22	Total Population			Patients in Beds: 800 (rounded off) Floating population: 2000 Staff: 2800 Total: 5600			
23	Total Water Requirements CMD			797 cmd			
24	Under Ground Tank (UGT) location			Under Ground			
25	Source of water			Supply from MCGM + Recycled water from STP + Tanker			
26	STP Capacity & Technology			STP Capacity: 650 CMD Technology: MBR Technology ETP capacity: 100 CMD			
27	STP Location			Basement 2 & Basement 3			
28	Sewage Generation CMD & % of sewage discharge in sewer line			Sewage generation: 605 cmd % of sewage discharge in sewer line: 57%			
29	Solid Waste Management during Construction Phase			Type	Quantity (Kg/d)	Treatment / disposal	
				Construction waste	1-3 cu.m/day	Surplus material will be disposed off as per C&D Waste Management Rules,2016.	
				Demolition debris	3254.5 cu.m	Debris generated during construction phase will be collected at one place and will be disposed off to MCGM	

				approved land filling sites.
30	Total Solid Waste Quantities with type during Operation Phase & Capacity of OWC to be installed	Type	Quantity (Kg/d)	Treatment / disposal
		Dry waste	454.55	will be segregated, and recyclable waste will be disposed off to authorized vendors.
		Wet waste	1704.55	Proposed organic waste converter onsite.
		E-Waste	Nil	Nil
		Hazardous waste	Phase-I: 27.31 kg/month. Phase-II: 35.53 kg/month	Disposed off to Mumbai Waste Management Ltd.
		Biomedical waste	Red bags: 9,216.18 (Phase-I), 11,988.52 (Phase-II), Yellow bags: 6,801.74 (Phase-I), 8,847.80 (Phase-II), Blue card boards: 2,063.97 (Phase-I), 2,684.83 (Phase-II), Puncture-proof containers: 294.26 (Phase-I), 382.77 (Phase-II)	Disposed off to CBWFT through M/s. SMS Envoclean BMW Management (P) Ltd.
		STP Sludge (dry)	2.4	To be mixed with wet waste and converted to compost.
	Capacity of OWC to be installed:	OWC to treat biodegradable waste will be installed.		
31	R.G. Area in sq.m.	RG required – 2320.07 sq.m		

		RG provided on Mother earth- 2364.26 sq.m Additional RG provided – 1556.52 sq.m																	
		Total: 3920.78 sq.m																	
		Existing trees on plot: 104 nos. Retained trees: 44 nos.																	
		Number of trees to be planted: a) In RG area: 78 nos. b) In Miyawaki Plantation (with area): Nil																	
		Number of trees to be cut: 26 nos.																	
		Number of trees to be transplanted: 34 nos.																	
32	Power requirement	During Operation Phase: Details Requirement Connected load (MW) 4788 Demand load (MW) 3830																	
33	Energy Efficiency	a) Total Energy saving (%): 25.66% c) Solar energy (%): More than 1% of demand load																	
34	D.G. set capacity	<table border="1"> <thead> <tr> <th></th> <th>Capacity (KVA)</th> <th>DG Sets (Nos)</th> <th>Total (KVA)</th> </tr> </thead> <tbody> <tr> <td>DG Sets</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Transformers</td> <td>2500</td> <td>2</td> <td>5000</td> </tr> <tr> <td>DG sets</td> <td>1875</td> <td>3</td> <td>5625</td> </tr> </tbody> </table>			Capacity (KVA)	DG Sets (Nos)	Total (KVA)	DG Sets				Transformers	2500	2	5000	DG sets	1875	3	5625
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35	No. of 4-W & 2-W Parking with 25% EV	<table border="1"> <thead> <tr> <th>Parking details</th> <th>Required (nos.)</th> <th>Proposed (nos.)</th> </tr> </thead> <tbody> <tr> <td>4-Wheeler</td> <td>161+1 Ambulance</td> <td>161+1 Ambulance</td> </tr> <tr> <td>2-Wheeler</td> <td>-</td> <td>-</td> </tr> </tbody> </table>		Parking details	Required (nos.)	Proposed (nos.)	4-Wheeler	161+1 Ambulance	161+1 Ambulance	2-Wheeler	-	-							
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4-Wheeler	161+1 Ambulance	161+1 Ambulance																	
2-Wheeler	-	-																	
36	No. & capacity of Rain water harvesting tanks /Pits	<table border="1"> <thead> <tr> <th>Particular</th> <th>Pits proposed (nos.)</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>RWH pits</td> <td>3</td> <td>3 m Dia x 5 m Depth</td> </tr> </tbody> </table>		Particular	Pits proposed (nos.)	Size	RWH pits	3	3 m Dia x 5 m Depth										
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RWH pits	3	3 m Dia x 5 m Depth																	
37	Project Cost in (Cr.)	Rs. 384 Crs.																	
38	EMP Cost	During Construction phase: <table border="1"> <thead> <tr> <th>Environment Protection Measure</th> <th>Capital Cost (Rs. In lakh)</th> </tr> </thead> <tbody> <tr> <td>Debris/Top soil management</td> <td>4.00</td> </tr> <tr> <td>Toilets for labour + drinking water + first aid arrangement</td> <td>2.00</td> </tr> </tbody> </table>		Environment Protection Measure	Capital Cost (Rs. In lakh)	Debris/Top soil management	4.00	Toilets for labour + drinking water + first aid arrangement	2.00										
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Debris/Top soil management	4.00																		
Toilets for labour + drinking water + first aid arrangement	2.00																		

		Health and safety	15.00
		Monitoring of Environmental parameters	1.00
		Environmental Monitoring cell	3.00
		TOTAL	25.00
		During Operation Phase:	
		Environment Protection Measure	Capital Cost (Rs. In lakh)
		Recurring Cost per annum (Rs. In lakh)	
		Waste Water Treatment Plant	100.00
		Solid Waste Management	30.0
		Rain Water Harvesting	3.0
		Green Belt	7.00
		Energy saving features (low flow devices)	10.00
		Firefighting Measures	961.0
		Monitoring of Environmental parameters	-
		Environmental Monitoring cell	-
		TOTAL	1111.00
		32.55	
39	CER Details with justification if any....as per MoEF&CC circular dated 01/05/2018	As per EMP	
40	Details of Court Cases/litigations w.r.t the project and project location, if any.	Nil	

3. The proposal has been considered by SEIAA in its 259th (Day-1) meeting and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

Specific Conditions:

A. SEAC Conditions-

1. PP to submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions there under as per the Circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.
2. PP to submit architect certificate mentioning there is no change in plot area, layout, building profile, environmental parameters and locations of environmental services which were appraised while sanctioning earlier EC dated: 28.05.2019.
3. PP to submit affidavit mentioning there is no change in plot area, layout, building profile, environmental parameters and locations of environmental services which were appraised while sanctioning earlier EC dated: 28.05.2019.
4. PP to submit architect certificate with details of FSI & Non-FSI area calculations.
5. PP to submit certified six-monthly compliance report of earlier EC from Regional Office, MOEF&CC, Nagpur.

B. SEIAA Conditions-

1. PP to keep open space unpaved so as to ensure permeability of water. However, whenever paving is deemed necessary, PP to provide grass pavers of suitable types & strength to increase the water permeable area as well as to allow effective fire tender movement.
2. PP to achieve at least 5% of total energy requirement from solar/other renewable sources.
3. 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.
4. SEIAA after deliberation decided to grant EC for – FSI –55,882.93 m², Non FSI- 17587.63 m², Total BUA- 73176.56 m². (Plan approval No.CE/6538/BSII/AK/337/2 /AMEND dated 30.12.2021) (FSI restricted as per appraisal and non FSI as per approval)

General Conditions:

a) Construction Phase :-

- I. 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.
- II. Disposal of muck, Construction spoils, including bituminous material 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 the approved sites with the approval of competent authority.
- III. Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
- IV. 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.

- V. Arrangement shall be made that waste water and storm water do not get mixed.
- VI. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices.
- VII. The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
- VIII. Permission to draw ground water for construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.
- IX. 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.
- X. The Energy Conservation Building code shall be strictly adhered to.
- XI. All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- XII. Additional soil for levelling 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.
- XIII. 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.
- XIV. PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975 as amended during the validity of Environment Clearance.
- XV. 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.
- XVI. Vehicles hired for transportation of Raw material shall strictly comply the emission norms prescribed by Ministry of Road Transport & Highways Department. The vehicle shall be adequately covered to avoid spillage/leakages.
- XVII. 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.
- XVIII. Diesel power generating sets proposed as source of backup power for elevators and common area illumination during construction 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 is preferred. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.
- 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.

B) Operation phase:-

- I. a) The solid waste generated should be properly collected and segregated. b) Wet waste 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. c) Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.
- II. E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
 - III. a) 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. Treated effluent emanating from STP shall be recycled/ reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP. b) PP to give 100 % treatment to sewage /Liquid waste and explore the possibility to recycle at least 50 % of water, Local authority should ensure this.
 - IV. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SELAA 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.
 - V. 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.
 - VI. 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.
 - VII. PP to provide adequate electric charging points for electric vehicles (EVs).
 - VIII. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
 - IX. A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
 - X. 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.
 - XI. 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 parivesh.nic.in
 - XII. 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.
 - XIII. 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, SO₂, 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.

C) General EC Conditions:-


- I. PP has to strictly abide by the conditions stipulated by SEAC & SEIAA.
 - II. 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.
 - III. 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.
 - IV. 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.
 - V. 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.
 - VI. No further Expansion or modifications, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the SEIAA. In case of deviations or alterations in the project proposal from those submitted to SEIAA for clearance, a fresh reference shall be made to the SEIAA as applicable to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
 - VII. 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.
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. This Environment Clearance is issued purely from an environment point of view without prejudice to any court cases and all other applicable permissions/ NOCs shall be obtained before starting proposed work at site.
6. 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.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended from time to time.

8. 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.

9. 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.



Pravin Darade
(Member Secretary, SEIAA)

Copy to:

1. Chairman, SEIAA, Mumbai.
2. Secretary, MoEF & CC, IA- Division MOEF & CC
3. Member Secretary, Maharashtra Pollution Control Board, Mumbai.
4. Regional Office MoEF & CC, Nagpur
5. District Collector, Mumbai Suburban.
6. Commissioner, Municipal Corporation of Greater Mumbai.
7. Regional Officer, Maharashtra Pollution Control Board, Mumbai.

Signature Not Verified

Digitally signed by Shri Pravin C.
Darade , I.A.S.
Member Secretary

Date: 5/26/2023 4:41:42 PM



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2025

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000078261

Submitted Date

17-05-2025

PART A

Company Information

Company Name

Dr. Balabhai Nanavati Hospital

Application UAN number

0000078622

Address

Proposed expansion project Dr. Balabhai Nanavati Hospital Building located at CTS nos. 1403, 1403/1 to 21 and 1403/35, Vile Parle (West), Andheri, Mumbai. Maharashtra.

Plot no

Proposed expansion project Dr. Balabhai Nanavati Hospital Building located at CTS nos. 1403, 1403/1 to 21 and 1403/35, Vile Parle (West), Andheri, Mumbai. Maharashtra.

Taluka

Andheri

Village

Vile Parle

Capital Investment (In lakhs)

6470

Scale

LSI

City

Andheri, Mumbai

Pincode

400056

Person Name

Shri Paras Nath

Designation

Associate General Manager - Projects

Telephone Number

8805501543

Fax Number

00

Email

paras.nath@nanavatihospital.org

Region

SRO-Mumbai III

Industry Category

Orange

Industry Type

O21 Building and construction project more than 20,000 sq. m built up area

Last Environmental statement submitted online

no

Consent Number

Format1.0/ CAC/ UAN
No.0000078622/
CE/2106000624

Consent Issue Date

14-06-2021

Consent Valid Upto

14-06-2026

Establishment Year

2021

Date of last environment statement submitted

Industry Category Primary (STC Code) & Secondary (STC Code)

Product Information

Product Name

Total built up area (In Sq. feet)

Consent Quantity

850405.51

Actual Quantity

534198.81

UOM

SqFeet/Y

By-product Information

By Product Name

Consent Quantity

Actual Quantity

UOM

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	0.00	0.00
Domestic	450.00	340.00
All others	0.00	0.00
Total	450.00	340.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	45	0.50	CMD
Domestic Effluent	395	182	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
Total built up area	00	00	SqFeet/Y

3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
Cement	57626	57626	Nos./Y
White Cement	00	00	Nos./Y
Steel Metal	1915	1935	Ton/Y
Metal	7330	7330	Ton/Y
Sand	6794	6794	Ton/Y
Bricks/Siporex	560876	1041626	Nos./Y
Binding Wire	9	9	Ton/Y
Tiles Granite/Marble	00	1908	Ton/Y
Paint	00	4889	Ltr/A
Plaster	152705	283596	SqFeet/Y
Wood	00	630	Ton/Y
Aluminium	00	111	Ton/Y

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Diesel	840	1.02	Ltr/A

Part-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%variation	Standard	Reason
Biochemical oxygen demand	00	00	00	30 mg/lit	NA
Total suspended solids	00	00	00	50 mg/Lit	NA
Chemical oxygen demand	00	00	00	100 mg/liter	NA
oil and Grease	00	00	00	10 mg/l	NA

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%variation	Standard	Reason
Total Particulate Matter (TPM)	00	00	00	150 mg/nm3	NA

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	00	25	Ltr/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
35.3 Chemical sludge from waste water treatment	00	00	Kg/Annum

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Solid Waste (Biodegradable waste)	00	200.82	Kg/Annum
Solid Waste (Non Biodegradable waste)	00	161.43	Kg/Annum
STP Sludge	00	4.8	Kg/Annum

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
STP Sludge	00	00	Kg/Annum

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Other Hazardous Waste	00	00	Kg/Annum

Part-F

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
35.3 Chemical sludge from waste water treatment	00	Kg/Annum	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Salid Waste (Biodegradable waste)	200.82	Kg/Annum	40 % wet & 60 % dry waste
Salid Waste (Non Biodegradable waste)	161.43	Kg/Annum	40 % wet & 60 % dry waste

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	00	00	00	00	00	00

Part-H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
i. Environmental monitoring	Environmental protection measures	1.8
ii Tree Plantation	Environmental protection measures	00
iii. Safety Measures	Environmental protection measures	0.60
iv. Pest Control	Environmental protection measures	0.83

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
i. Environmental monitoring	Environmental protection measures	1.8
ii Tree Plantation	Environmental protection measures	22.58
iii. Safety Measures	Environmental protection measures	0.80
iv. Pest Control	Environmental protection measures	0.10

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Environmental norms prescribed by the Central & State Govt. statutorily empowered to do so, is strictly observed in design, construction & operation of all the facilities of the Company. Work environment in the operation areas is conducive to safe, healthy working condition.

Name & Designation

Shri Paras Nath

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000078261

Submitted On:

17-05-2025