

SIX MONTHLY COMPLIANCE REPORT

For

Period December 2024 To May 2025

Submission of Environmental Clearance six monthly compliance for PMAY Housing project at Plot no.188A of Sector-10 & Plot no. 09 of Sector-11 near Juinagar Railway Station, Sanpada Node, Taluka & Dist.- Thane, By CIDCO

Submitted by-

Superintending Engineer (Hsg-I)

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**June
2025**

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PART A

CURRENT STATUS OF WORK

Status as on 31.05.2025

Current Status of the project: PMAY construction project at Plot no.188A of Sector-10 & Plot no. 09 of Sector-11 adjoining Juinagar Railway Station

B) Juinagar Rly Station site (JU18) :

Sr. No.	Building No. (EWS & LIG buildings)	Status	Major balance works
1	Building No. EWS – 1,2 & 3	EWS-B02 above terrace work completed. Finishing work is in progress. EWS-B 01 & 03 above terrace work Completed. Finishing work is in progress.	Aluminum windows, doors, staircase railing, terrace waterproofing, external putti, Painting.
2	Building No. EWS – 4	Work up to Terrace slab completed, finishing works are in progress.	Above terrace RCC work is in progress, Aluminum windows, doors.
3	Building No. LIG – B-5, 6 & 7	B-5: work upto 12 th slab completed. B-6: work upto 14 th slab completed. B-7: work upto 05 th slab completed.	
4	Building No. LIG – A-8 & LIG - B-09	A-8: Work up to Terrace slab completed. Finishing work is in progress. B-9: Work up to Terrace slab completed. Finishing work is in progress.	A-8: All 8 no's of refuge slab casting balanced. A-9: All OTS areas beam above 27 th floor casting balanced.
5	Building No. LIG – A-10	Work up to Terrace slab completed. Finishing work is in progress.	A-10: 7 no's of refuge slab casting balanced.
6	Building No. LIG – A-11 & A-13, LIG – B- 12	A-11 : work upto 15 th slab completed. Finishing work is in progress. B-12 : work upto 18 th slab completed. Finishing work is in progress. A-13 : work upto 14 th slab completed. Finishing work is in progress.	A-13: 2 nos refuge slab casting balanced.

PART B

POINT WISE COMPLIANCE STATUS

PART B:

Point wise compliance status to various stipulations laid down by the Ministry in its Environment clearance letter no. SIA/MH/MIS/52171/2019, dated 27th October 2020, as follows:

Sr. No	Condition	Status
A	SEAC Conditions	
I.	PP provided public parking, even though no reservation for same with in the project site.	We have plan to provide public parking.
II.	The environment impact of proposed public parking was taken into consideration as proposed in EIA however the committee is of the opinion that EIA does not specify public parking as any of the category in the schedule of EIA notification 2006 amended thereto	Noted & adhered
III.	PP to ensure that STP to be kept open minimum up to 40%.	Noted & will be adhered.
IV.	PP to adopt following segregation & treatment method for the sewage generated from the residential complex. <ul style="list-style-type: none"> a. Grey water:- The waste water emanating from bathroom, kitchen sinks, wash basins, showers, dish washers should be collected separately and treated on site suitably to a level for reuse for flushing of toilets in apartment buildings and gardening. b. Black Water The wastewater remaining from Flushing of toilets shall be collected separately and conveyed through sewer to the nodal STP for treatment and reuse for central garden, Golf course etc. 	Noted & will be adhered.
V.	PP to adopt water conservation measures by providing Low Flow Devices (LFD) as plumbing fixtures.	We will provide Low Flow Devices (LFD) in plumbing fixtures to adoption of water conservation.
VI.	PP to implement suggested mitigation measures for ground vibrations as the railway station is on east side of the project site. PP to ensure that the energy savings from renewable sources shall be minimum 5 %	Yes. We will implement the mitigation measures for ground vibration generated from the railway station and used renewable energy sources for energy savings.
VII.	PP to carve out parking area separately for the project area and Public parking proposed for Juinagar Railway station traffic.	Yes. Parking area carved out separately for the project area & public parking for Juinagar Railway Station.

VIII.	PP to provide gate between north side residential building & public parking area	Yes. Noted and will be adhered
IX.	PP to submit separate statement for required & actual provided parking for North side & west side residential buildings.	Yes. Parking will be provided as per CC & development norms.
X	PP to submit separate break up for RG area for North side & west side residential buildings	Yes. We will provide separate RG area for North side & west side residential buildings.
XI.	PP informed that around 487 trees are going to cut during development within project site. PP to obtain necessary permission for cutting of these trees from competent authority. As the huge numbers of tree cutting is going to done. PP to explore possibilities of transplant maximum number of trees within project area, by consulting Tree authority & expert forest Officials. PP to submit detailed pert chart for plantation program of 1160 trees within the project site	Noted and will be adhered. The Tree cutting NOC is attached in Annexure -7 As per NOC, permission has been granted for cutting of 337 trees & transplantation of 119 trees.
XII	PP to ensure that Nalla abutting the plot should neither be realigned nor covered by any means & also ensured that no discharge of any treated /untreated sew-age in nalla.	Yes. Noted and will be adhered.
XIII	PP to abide conditions of NALLA remarks obtained from NMMC.	Yes. Noted and will be adhered.
XIV	PP to obtain CR2 from Competent authority, if applicable.	Not Applicable.
XV	PP to ensure that public parking proposed here to be dealt by CIDCO Separately and it will not be part of Conveyance of the buildings.	Yes. Noted and will be adhered.
XVI	PP to provide separate entry/exit for both the residential buildings. PP to explore possibility to provide another entry/exit to the north side of north side residential building.	LIG Cluster has multiple entry/ Exist. EWS Cluster has one entry/Exist, to the presence on Nallah on north & west sides & railway on north & East side, and addition emergency entry/exist through the sought side station parking area is given.
XVII	The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary since the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting Commencement Certificates.	Not Applicable as per the letter dtd. 17.11.2021 of Mangrove Department, Mumbai. This PMAY Housing site is located outside the boundary of environmentally sensitive area. There is no need to take permission from National Wildlife Board. Annexure - 6

B	SEIAA Conditions-	
I	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.	Noted & will be adhered.
II	PP to take necessary diligence to ensure high rate of survival of 306 no of trees to be transplanted	Noted & will be adhered.
III	PP to ensure that CER plan gets approved from Municipal Commissioner.	Noted & CER plan has been sent to Municipal Commissioner, NMMC on 04.09.2020 & The District Collector & District Magistrate, Thane dtd.21.07.2020. Annexure - 8
IV	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-IA.III dt.04.01.2019.	Noted & will be adhered.
V	SEIAA decided to grant EC for —FSI: 123932.50 m2. Non-FSI: 117649.88 m2 and Total BIJA: 241582.38 m2 (Plan Approval no CIDCO/SR.ARCH.(BP-IHP)/2020/438- RI/450 dated 10.07.2020).	Noted.
I	General Condition	
I.	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2011.	Noted & will be adhered.
II.	The Occupation certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water and connectivity of the sewer line to the project site and proper disposal of treated water as per environment norms.	Noted & will be adhered.
III.	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 & Wild life clearance granted to the project which will be considered separately on merit.	Not Applicable as per the letter dtd. 17.11.2021 of Mangrove Department, Mumbai. This PMAY Housing site is located outside the boundary of environmentally sensitive area. There is no need to take permission from National Wildlife Board. Annexure - 6

IV.	PP has to abide by the conditions stipulated by SEAC & SEIAA	We observe strict compliance of 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.	Noted and adhered.
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.	Noted. We have obtained consent to Establish vide no. Format 1.0 / CC / UAN No. 0000106441 /CE / 2109000292 Dated on 09.09.2021 (Attached in Enclosure- III)
VII.	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase	Yes noted. We have provided sanitary and hygienic measures on the project site before starting the construction activity. Attached in Annexure-1.
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.	Drinking water and sanitary facilities have been provided for construction workers at the site. Solid waste generated and disposed of through local authority garbage collection vehicle. Attached in Annexure-2
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.	Noted & will be adhered.

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.	Noted & all necessary precautions taken.
XI.	Arrangement shall be made that waste water and storm water do not get mixed.	We will take care and make arrangements for the same.
XII.	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	Noted & will be adhered.
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.	The soil for levelling shall be used from within the site to the possible extent.
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.	We will follow the CPCB norms for Green Belt Development.
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.	Complied. Analysis report is attached in Annexure-3.
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.	The Construction spoils are stored separately to avoid any kind of contamination of watercourse.
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.	Noted.
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.	Good quality DG set are installed on construction site confirming to Environment (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.	As per Petroleum Act 1934 class B 2500 lit storage does not require license and our storage capacity does not exceed beyond the limit. Currently, we are storing in a separate godown with provision of firefighting equipment.
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.	The hired vehicle for the transportation of material are in good condition and have a pollution check certificate and conforms to applicable air and noise emission standards and are 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.	The noise level as well as air pollution is monitored regularly from MoEF/NABL recognized laboratory. Air & noise monitoring reports are attached in Annexure-3.
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)	Noted and fly ash is being used in concrete work.
XXIII.	Ready mixed concrete must be used in building construction.	Dedicated ready mixed concrete batching plant is established.
XXIV.	Storm water control and its re-use as per CGWB and BIS standards for various applications	Provision of Rainwater harvesting is made.
XXV.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices.	We are using premixed concrete to reduce the use of water and external curing agent are used in the in the project.

XXVI	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	No ground water is being used for construction.
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. Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odor problem from STP.	Noted and will be adhered.
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.	We do not use ground water for any construction or drinking purposes. There is no basement construction.
XXIX.	Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water	As per EC STP is to be provided.
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.	Low Flow water efficient fixtures will be used to reduce pressure on water
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.	Noted and will be adhered
XXXII.	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfil requirement.	Noted and will be adhered

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 of /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.	Noted. The energy conservation measures of the project are in confirmation of the ECBC-2006 and NBC 2016.
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.	Noted and will be adhered.
XXXV.	Noise should be controlled to ensure that it does not exceed the prescribed standards. During night-time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.	The noise level as well as air pollution is monitored regularly from MoEF/NABL recognized laboratory. Air & noise monitoring reports are enclosed.
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.	There is no traffic congestion near the entry and exit points from the roads. Parking is fully internalized and no public space is being 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 fulfil requirement	Not Applicable.
XXXVIII.	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation	Noted and adhered
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.	It is being followed.
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.	We have obtained environment clearance & copy is attached herewith. (Enclosure-II)
XLI.	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.	Complied. EC compliance report enclosed herewith.
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.	Allotment/occupation will be given after installation of environment infrastructure & certification from appropriate authority.
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	Yes, we will install Organic Waste Converter for composting of wet garbage.

XLIV.	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB	Noted and will be adhered.
XLV.	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB	Noted and will be adhered.
XLVI.	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by tins Department.	Noted and will be adhered.
XLVII.	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Noted & adhered.
XLVIII.	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.	Separate funds are allocated for implementation of EMP during construction phase and Operation phase. Find attached EMP report in Part II & EMP budget in Part III.
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://parivesh.nic.in	Noted & adhered.
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	Noted & adhered.
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	Complied. Attached in Annexure 4.

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.	Noted & will be adhered. Environment monitoring report is enclosed in Annexure-3
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	Complied. EC compliance report enclosed herewith.
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.	Noted and will be complied.

PART C

ENCLOSURE NO.	ENCLOSURES
Enclosure 1	Data Sheet in Format with Part-I, Part-II & Part-III
Enclosure 2	Environmental Clearance Copy
Enclosure 3	A copy of Consent to Establish

ENCLOSURE NO. I

Data Sheet in format with Part – I, Part – II
& Part - III

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

PART – I

DATA SHEET

1.	Project type: River - valley/ Mining / Industry / Thermal / Nuclear / Other (specify)	:	“Proposed PMAY Housing Project”
2.	Name of the project	:	“Proposed PMAY Housing Project”
3.	Clearance letter (s) / OM No. and Date	:	Environmental clearance has been obtained from the MoEF as vide their ref. SIA/MH/MIS/52171/2019, dated 27th October 2020.
4.	Location	:	
	a.	District (S)	: Thane
	b.	State (s)	: Maharashtra
	c.	Latitude/ Longitude	: 19° 3'36.35"N 73° 1'4.82"
5.	Address for correspondence		
	a.	Address of Concerned Project Chief Engineer (with pin code & Telephone / telex / fax numbers	: M/s. CIDCO Plot no. 188A of Sector 10, Plot no. 9 of sector, 11, Near Juinagar Railway station, Sanpada Node, Taluka- Thane, District- Thane.
6.	Salient features		
	a.	of the project	: PART –I
	b.	of the environmental management plans	: PART –II
7.	Breakup of the project area	:	Total Plot area-92,596.79 sq. m Built up area- 2,41,582.38 Sq. m
	a.	submergence area forest & non-forest	: Not applicable. Since the proposal under reference is in developing part of the CIDCO
	b.	Others	: NA
8.	Break-up of the project affected Population with enumeration of Those losing houses / dwelling units Only agricultural land only, both Dwelling units & agricultural Land & landless labourers/artisan	:	There is no displacement of population due to project hence 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, it 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. 632.4 Crores only
	b.	Allocation made for environmental management plans with item wise and year wise Break-up.	:	PART -III
	c.	Benefit cost ratio / Internal rate of Return and the year of assessment	:	Not Applicable
	d.	Whether (c) includes the cost of environmental management as shown in the above.	:	Yes
	e.	Actual expenditure incurred on the project so far	:	-
	f.	Actual expenditure incurred on the environmental management plans so far.		PART III
10	Forest land requirement		:	Not Applicable
	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, it 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		:	Not Applicable

	reservoir,		
12 .	Status of construction	:	Part A
	a.	Date of commencement (Actual and/or planned)	: January 2021
	b.	Date of completion (Actual and/or planned)	: December 2026
13 .	Reasons for the delay if the Project is yet to start	:	Not applicable since project activity is in progress
14	Dates of site visits	:	
	a.	The dates on which the project was monitored by the Regional Office on previous Occasions, if any	: Not yet visited.
	b.	Date of site visit for this monitoring report	: -
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)	:	Not Applicable

PART I**PROJECT DETAILS**

Name & Location	:	"Proposed PMAY Housing Project" at Plot no. 188A of Sector 10, Plot no. 9 of sector, 11, Near Juinagar Railway station, Sanpada Node, Taluka- Thane, District- Thane.
Total no. Of workers to be employed during the construction phase.	:	Average : 290 Nos.
Total Project cost	:	Rs. 632.4 Cr only.
Project infrastructure	:	"Proposed PMAY Housing Project"
	:	Total Plot area-92,596.79 sq. m Built up area- 2,41,582.38 Sq. m
Water Requirement and Sources	:	During Construction Phase - From Tankers /Municipal Council water: 20 m ³ /day (Depending upon the activity) During Operational Phase - From Local authority water: 1661.00 m ³ / day
Sewage generated	:	Building: 1412 KLD
Power	:	During Construction Phase - 1. From MSEDCL: 125 KW Operational Phase - From MSEDCL connected load Residential & Commercial: 11232 KW D.G Set of Capacity Commercial: 4 X 100 KVA & 6 X 140 KVA, 3 X 400 KVA (In case of power failure for critical load only)
Gaseous emissions	:	Pollutants like SPM, SO ₂ may arise from emissions from DG Sets will be connected to an appropriately designed vent.
Solid waste from: Operation Phase 1. Dry 2. Wet	:	Residential & Commercial 3256 kg /day. 2170 kg/day

PART II

ENVIRONMENT MANGEMENTPLAN

M/s. CIDCO proposes to establish residential Building. Proposal PMAY Housing Building project of Residential Building project is coming up in at Plot no. 188A of Sector 10, Plot no. 9 of sector, 11, Near Juinagar Railway station, Sanpada Node, Taluka- Thane, District- Thane

The issues likely to develop at various stages of the project e.g. preconstruction, construction & operation could be addressed by preparing a compatible environmental management plan (EMP) & its effective implementation. During study it is to be considered all the environmental attributes such as air, water, noise solid waste & socio-economic aspects etc.

The main aim of environment management plan is to conserve the resources minimize the waste generation, treatment of waste & recycling of material.

Also incorporates vegetation & landscapes of open area & also the post project quality monitoring.

Environmental management plan (EMP) is aimed at mitigating the possible adverse impact of a project & for ensuring to maintain the existing environmental quality. The EMP converses all aspects of planning, construction & operation of the projects, which are relevant to environment. It is essential to implement the EMP right from the planning stage and then continuing it throughout the construction & operations stage. Therefore, the main objective of the EMP is to identify the projects specific activities that would have to be considered for investigation of the significant adverse impacts & the mitigation measures required.

During study of the environmental attributes, it was seen that all the aspects would be considered to promote the better development in case of future aspects of projects as well as environmental aspects.

1. Water Management:

Sewage Treatment

Objective of Sewage treatment should be

- To treat sewage so that it can be re-used for toilet flushing/gardening.
- Balance water should be let out to Municipal sewer drain line.
- In order to treat the sewage effectively, MBBR Types sewage treatment is recommended:
- Treated sewage should be a reused the maximum extent for toilet flushing.

- The excess treated water should be let out to the nearest corporation sewer line along with road.

Description of treatment facility

The MBBR system is the nature's way of handling wastewater and is based on Ecological Engineering. The typical sewage treatment envisaged for the construction of STP looking over all the Aspects of reliability & techno economic feasibility study for the proposed building unit will be Moving Bed Bio Reactor. The wastewater is processed by this ecosystem which converts the impurities trapped in the biofilters into stable components followed by a polishing tertiary treatment. The final treated water meets the pollution board norms & can be reused for gardening / irrigation / construction / toilet flushing, etc.

Features of the design:

Capacity of the plants: 3 no of STP having Total Capacity is 1555 KLD

Treated effluent quality: Treated effluent meets the most stringent of the standards Compact and Elegant: The system elegantly designed with the particular emphasis on compactness, aesthetics and ergonomics.

Parameters	Unit	Inlet Water Quality	Treated water quality
pH	NA	6.0-8.5	5.5-9.0
Oil & Grease	mg/l	10-20	<10
BOD	mg/l	200-500	<10
COD	mg/l	350-450	<60
TSS	mg/l	150-200	<10
Nitrate	mg/l	15-16	<10
Dissolved PO ₄	mg/l	13-15	<5
Fecal Coliform	MPN/100L	Nil	Nil
Total Nitrogen	mg/l	120	<50

Odor free Environment: The system designs ensures and odor free environment unlike competing systems.

Residuals:

Excess sludge from the biological treatment process is dewatered in filter place. This is preferred to other sludge drying methods for the following reasons:

- Saves 80 - 90% on electricity
- Easy to operate - only gardener level operator required
- Hence, saves 80 - 90% on O & M cost
[about Rs. 3-5/- per cu.m.]
- Payback within 4 – 5 years!
- No problem of flow fluctuations in holidays / vacations
- No secondary sludge
- Resembles a beautiful garden!

Environmental Impacts and Life Cycle Assessment

- Positive environmental impacts.
- Use of a treated water for toilet flushing and the resulting water conservation
- As the operation is essentially soundless, no adverse noise impacts will be created

B) Rain water harvesting:

Rainwater Harvesting facilities will be created at the project site in the form of aquifer recharge. However, water requirement for the project will not be met from groundwater.

Such rainwater harvesting system should have two-fold objective:

- 1) To utilize rain water available on the plot in direct way or indirect way to reduce the load on water supply system.
- 2) To minimize the storm water drainage load to avoid water logging locally as well as on larger scale.

Percolation Pits not provided – 03 no. of Tanks Having total capacity is 495 KL
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Budgetary allocation (Capital cost 49.50 Lakhs and O&M cost 2.48 Lakhs/yr)

AIR POLLUTION CONTROLE

DURING CONSTRUCTION PHASE:

The project will contribute in higher dust level during construction phase. The concrete will be made from outside source of Ready-Mix Plant. The debris and utilized construction material and earth from the construction site shall be removed immediately to recycle within the project so that no nuisance dust is generated due to wind. Construction activities shall not be allowed at night.

The site being influence by winds would result in quick dispersal of the pollutants and thereby the impacts due to NO_x and SO₂ emissions during the construction will be negligible. Therefore, considering all the air pollutants, it is not expected that air emission due to construction will exceed air quality standards (NAAQS)

Precautions, which would be taken to reduce dust generation during construction phase, are mentioned as follows:

- Concrete supplied from an outside source involves trucks carrying cement, gravel, sand travelling to site and may cause dust emission thus ready-mix concrete carried in enclosed container will be used as it is better option compared to onsite batch mixing. The operations shall be carried out in a temporary enclosed shed and workers shall be provided with protection masks.
- Dust covers will be provided on trucks that would be used for transportation of materials prone to fugitive dust emissions.
- Water sprinkling on ground and new construction will be done at regular intervals to avoid dust generation.
- Mitigation measures shall include regular maintenance of machinery and provision of personal protective equipment's to workers where needed.
- Proper upkeep and maintenance of vehicle, sprinkling of water on roads and construction site and providing sufficient vegetation all around the plant site are some of the measures that would reduce the impact during construction phase.

AFTER COMPLETION

The proposed project will not have any direct impact on air environment after completion. To ease the traffic congestion project proponent will provide well organized parking arrangement.

The vehicles employed by the developers shall be checked by vehicular emissions. The developers shall also impress upon the service agencies to get vehicles regularly checked for vehicular emissions.

During operational phase, two numbers of D.G. sets will be provided only in case of power failure of water pumps, fire pumps/ fire-fighting system, stretcher lifts, partial lighting in common lobbies/stairs, partial lighting in stilts/podium access roads etc. DG sets will be complying with CPCB norms for air pollutants.

Emission during construction and operation will be as per the desirable limits of CPCB standards.

NOISE POLLUTION CONTROL

Construction Phase:

During construction phase, source of noise pollution will be due to operation of machinery Earthmoving Machinery Mini Hoist Crane, Hoist Crane, Concrete mini mixer, Weight batcher etc. as well as transportation of vehicles. This will cause nuisance to the occupants of the nearby area. The project proponent has agreed to take precaution to control noise pollution as mentioned under:

- Use of equipment generating noise of not greater than 90 dB (A).
- High noise generating construction activities would be carried out only during daytime.
- Installation, use and maintenance of mufflers on equipment.
- Workers working near high noise construction machinery would be supplied with ear muffs/ear plugs.

Operation phase:

The proposed project being PMAY building, the source of noise is vehicular noise only. The project proponents have proposed to provide adequate parking arrangement, which would help in reducing noise levels due to vehicular movement in the parking area.

The project proponents have proposed wall and rows of trees, which would act as noise buffer and will reduce the noise level within site.

Canopies will be provided to the mechanical devices to reduce noise and vibration. There will not be any considerable impact on the ambient air quality around the project site as CPCB approved DG sets along with acoustic room will be developed and plantations will be provided.

SOLID WASTE MANAGEMENT

CONSTRUCTION PHASES:

Solid waste would be generated mainly due to excavation in the form of rubble and soil. This soil and rubble would be used for development of landscape within the projects site. The Biodegradable and non-biodegradable soil waste which will be generated from labors will be sent to Municipal waste bins working within site.

OPERATION PHASE:

Solid waste will be generated in the campus is domestic type having source separated dry and wet components. As far as possible the dry waste like paper, cardboard boxes, thermocol packing, plastic, etc. shall be sent to scrap vendor for recycling purpose. However, wet waste, which is biodegradable, shall be converted to bio-compost by adopting following aerobic composting method.

Solid waste from domestic sources shall be treated by the following ways:

- Wet garbage: Composting within the premises and using it as manure.

Biodegradable and non-biodegradable waste will be segregated. Dry waste will be sent for recycling and ‘In vessel process’ will be used for composting of wet waste.

Solid Waste Management

During Operation Phase

Quantity of wet waste – 2170 kg/day.

Quantity of Dry waste – 3256 kg/day.

Biodegradable and non-biodegradable waste will be segregated. Dry waste will be sent for recycling and wet waste will be treated in OWC for composting.

1. GREEN BELT DEVELOPMENT

The project proponent will also propose to develop landscape garden by planting native tree. The project proponents have proposed a landscape and covered with vegetation of indigenous variety.

ENERGY CONSERVATION

Energy conservation measures are often the easiest, quickest and cheapest way to reduce costs and be environmentally pro-active. Energy conservation program will be implemented through measures taken both on energy demand and supply. Energy conservation is focused during the complex planning and operation stages. The conservation efforts would consist of the following:

Measures to reduce energy consumption-

- Minimize use of air conditioning so as to use of architectural design.
- Maximize the use of natural lighting and ventilation through design.
- Purchase of energy efficient appliances
- Constant monitoring of energy consumption and defining targets for energy conservation. Energy monitoring will be done with the help of Energy meters.
- Adjusting the settings and illumination levels to ensure minimum energy used for desired comfort levels. Design based on lux level calculations.
- Use of compact fluorescent lamps and low voltage lighting.
- Sunscreen films on windows to reduce heating inside the buildings.
- Awareness on energy conservation will be raised among the users of the building in the complex.
- Use of windmills to cover-up the part lighting load of common area

Maximum priority is given for placement of solar water on top terraces. The appurtenant spaces here common lighting is required are proposed to use unconventional energy.

ARCHITECTURAL DESIGNS

- Maximum ground is covered by green patches to reduce reflection of heat from ground surface.
- Shade giving trees are proposed around the condominium especially on South & west side to cast shadow on the ground & building.
- By accommodating maximum parking area are covered parking, heat generation due to vehicle is compressed below the building.
- Thermal paint application is proposed for external walls which reduce & reflect heat. Direct exposure to sun is reduced by proposing double height terraces & double wall external walls. Adequate sunshades are proposed.

Thermal Characteristics of the building envelop:

- a) Terraces will be treated with a layer of block bat coba for reduction in heat gain through roof.
- b) Overhang projections & horizontal band of 0.3m will be provided around the windows which will be reducing solar heat gain assures maximum natural light and ventilation in the buildings.
- c) External shading is prominently used in the complex intercepts solar heat before it reaches the glass /wall.
- d) External walls are 230 mm. Tinted colored with light slightly tinted colors to reduce solar heat gain & will reflect heat.

e) Friendly acrylic paint.

7. ENVIROMENTAL AND SAFETY CARE

The project proponents shall follow all the safety rules and regulation as prescribed by regulatory authority as under-

Fire and general safety Measures

The system is having

a) Fire Hydrant System

b) Fire alarm System Manual

c) Portable Fire Extinguishers

a) Fire Hydrate System consist of following

- Wet Riser mm dia Class C from terrace to UG tank. 100 mm dia G I Pipe Class C from water tank to booster pump & pump to terrace
- 5 HP Pump at terrace as booster as booster pump.
- Fire Hydrant Value, Fire House Pipe 63mm dia, Short Branch Pipe , House Reel drum – one each Landing.
- Fire Inlet at parking and road side.
- Court Yard Hydrants on each 30Meter on periphery of building.
- One Pump on UG tank to give discharge of 2280 LPM @ meter head

b) Fire Alarm System

- Manual Call Point cum Hooter with microphone on each landing.
- Talk Back Public Address System Panel at Parking.

c) Portable Fire Extinguishers – At lift room, meter board, parking transformer room.

During Construction Phase:

- Fire Protection equipments like sand Buckets and extinguishes will be installed whenever it required.

During Operation Phase:

- Under Ground Storage Tank – Domestic Tank 1226 CMD
- Fire Water Tank Overhead- 1200 KLD.
- Flushing- 425 KLD

WATER LOGGING-

The projects proponent has made proper storm water drain arrangement and rainwater harvesting will be implemented within their premises. Hence water logging will be less.

10. FUNCTIONS OF ENVIRONMENTAL MANAGEMENT CELL

10.1 Formation of Environmental Management Cell:

Monitoring and feedback becomes essential to ensure that the mitigation measures planned by way of environmental protection management cell comprising senior officials may be constituted

To maintain the EMP, a structured Environmental Management Cell (EMC) interwoven with the existing management system will be created. EMC will undertake regular monitoring of the environmental and conduct yearly audit of the environmental performance during the construction of the project. It will also check that the stipulated measures are being satisfactorily implemented and operated. It shall also co-ordinate with local authorities to see that all environmental measures are well coordinated.

EMC will perform following functions

Monthly review of environmental problems and monitoring of installation / performances /maintains of pollution control measures.

Enforcement of latest rules and regulation under relevant Environmental protection acts.

Preparation of budgetary estimates to seek sanctions for new pollutions control measures if required and/or up-gradation of existing ones based on new technologies.

Emergency planning.

EMC shall meet at least once a month and take stock of progress of work relating to decision taken and targets set in the previous meeting.

FORMATION OF TASK FORCE

A task having force having organizational set-up comprising staff of various grades shall be constituted. The task force will ensure following tasks:

Monitoring activities within core & buffer zone.

Monitoring of efficiency of pollution control schemes.

Preparation of maintenance scheduled of STP & composting plant and ensures that is followed strictly.

Inspection and regular cleaning of draining system.

Green- belt development.

Water and energy conservation.

Good housekeeping.

Apprising EMC on regular basis.

MONITORING PROGRAM

A comprehensive environmental monitoring program that has been prepared for the purpose of implementation in the proposed residential complex will be strictly followed to ensure the success of environmental management activities.

It is proposed to carry out environmental monitoring work of factory by MoEF recognized laboratory. They will assign the work for carrying environmental audit for each year. Also environmental awareness program shall be conducted on regular basis.

PART –III

ALLOCATION MADE FOR ENVIRON-MENTAL MANAGEMENT PLANS

DURING OPERATIONAL PHASE:

CAPITAL INVESTMENT FOR ECOFRIENDLY FEATURES

Sr. No	Project	Capital Cost (Rs. Lakhs)	O & M Cost/Year (Rs. Lakhs)
1	STP Cost	312.60	59.50
2	Rainwater harvesting	49.50	2.48
3	OWC	27.00	8.36
4	Landscaping	78.78	1.20
5.	Environment Monitoring	-	2.50
6.	Energy	245.00	5.00
Total amount		712.88	79.04

ENCLOSURE NO. II

A COPY OF ENVIRONMENTAL CLEARANCE

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/MIS/52171/2019
Environment Department
Room No. 217, 2nd Floor,
Mantralaya,
Mumbai- 400032.
Date: 27.10.2020.

To
CIDCO,
Plot no. 188A of Sector 10,
Plot no. 9 of Sector 11,
near Juinagar Railway Station,
Sanpada Node, Taluka: Thane,
District: Thane

Subject : Environmental Clearance for Proposed PMAY housing project at Plot no. 188A of Sector 10 and Plot no. 9 of Sector 11, near Juinagar Railway Station, Sanpada Node, Taluka: Thane, District: Thane by CIDCO

Reference : Application no. SIA/MH/MIS/52171/2019

This has reference to your communication on the above mentioned subject. The proposal was considered by the SEAC-2 in its 136th meeting under screening category 8 (b) as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 204th meeting of State Level Environment Impact Assessment Authority (SEIAA).

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

1.	Plot Area	92,596.79 Sq. mt.
2.	FSI Area	1,23,932.50 Sq. mt.
3.	Non FSI Area	1,17,649.88 Sq. mt.
4.	Total Built up Area (FSI & Non FSI)	2,41,582.38 Sq. mt.
5.	Building Configuration	4 Nos. of Residential Buildings (EWS-B): Ground + 27 Floors each 4 Nos. of Residential Buildings (LIG-A): Ground + 29 Floors each 5 Nos. of Residential Buildings (LIG-B): Ground + 30 Floors each Total Flats: 2754 nos. Shops: 18 nos. 1 no. of Multi Level Car Parking: Ground (Commercial shops + Residential parking) + 1st floor (Commercial shops + Residential parking) + 2nd to 5th floor (Residential parking) + 6th floor (Community Hall/ Fitness Centre) Bus terminal, Auto stand and Taxi stand, Community Hall/ Fitness Centre

6.	Total Population	12100 nos.
7.	Water Requirement	1661 KLD
8.	Sewage generation	1412 KLD
9.	STP capacity and Technology	3 nos. of STP's of total capacity_1555 KLD. Technology: MBBR
10.	STP location	Underground
11.	RG area required and Provided	Required Recreational open space: 13889.52 Sq. mt. (15 %) Provided Recreational open space: 14318.96 Sq. mt.
12.	Energy requirement	Connected load : 11232 KW Maximum demand : 6854 KW
13.	Total Energy Saving	20.5 %
	Energy saving by Solar	5.1 %
14.	No. of DG sets and capacity	4 nos. of 100 kVA, 6 nos. of 140 kVA & 3 nos. of 400 kVA
15.	Solid waste generation	Non-biodegradable waste: 3256 Kg/day Biodegradable waste : 2170 Kg/day
16.	OWC Capacity	Area for solid waste management: 114 Sq.mt.
17.	Parking	4 Wheeler:- Captive: 1075 nos. Railway Station: 157 nos. MLCP: 331 nos. 2 Wheeler:- Captive: 159 nos. Railway Station: 785 nos. MLCP: 159 nos.
18.	EMP Cost	Construction Phase: Rs. 84.34 Lacs Operation Phase: Capital cost : Rs. 775.85 Lacs Operational and Maintenance cost : Rs. 80.63 Lacs/ annum
19.	Rain water Harvesting	Total 3 nos. of RWH tanks of total capacity 495 KL
20.	Number of recharge pits and sizes of the pits	Nil
21.	Details of UGT tanks – Number and capacity	Domestic : 1226 KL Flushing : 425 KL Firefighting: 1200 KL
22.	CER	CER plan as per the MoEF & CC circular dated 01/05/2018 Project Cost: Rs. 632.04Crores Cost for CER: Rs. 6.32 Crores (1.0 % of project cost)

3. The proposal has been considered by SEIAA in its 204th 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-

- I. PP provided public parking, even though no reservation for same with in the project site.
- II. The environment impact of proposed public parking was taken into consideration as proposed in EIA however the committee is of the opinion that EIA notification does not

specify public parking as any of the category in the schedule of EIA notification 2006 amended thereto.

- III. PP to ensure that STP to be kept open minimum up to 40%.
- IV. PP to adopt following segregation & treatment method for the sewage generated from the residential complex.
 - a. Grey water :- The waste water emanating from bathroom, kitchen sinks, wash basins, showers, dish washers should be collected separately and treated on site suitably to a level for reuse for flushing of toilets in apartment buildings and gardening.
 - b. Black Water :- The waste water emanating from Flushing of toilets shall be collected separately and conveyed through sewer to the nodal STP for treatment and reuse for central garden, Golf course etc.
- V. PP to adopt water conservation measures by providing Low Flow Devices (LFD) as plumbing fixtures.
- VI. PP to implement suggested mitigation measures for ground vibrations as the railway station is on east side of the project site.6. PP to ensure that the energy savings from renewable sources shall be minimum 5 %.
- VII. PP to carve out parking area separately for the project area and Public parking proposed for Juinagar Railway station traffic.
- VIII. PP to provide gate between north side residential building & public parking area.
- IX. PP to submit separate statement for required & actual provided parking for North side & west side residential buildings.
- X. PP to submit separate break up for RG area for North side & west side residential buildings.
- XI. PP informed that around 487 trees are going to cut during development with in project site. PP to obtain necessary permission for cutting of these trees from competent authority. As the huge numbers of tree cutting is going to done, PP to explore possibilities of transplant maximum number of trees within project area, by consulting Tree authority & expert forest Officials. PP to submit detailed pert chart for plantation program of 1160 trees with in the project site.
- XII. PP to ensure that Nalla abutting the plot should neither be realigned nor covered by any means & also ensured that no discharge of any treated /untreated sewage in nalla.
- XIII. PP to abide conditions of Nalla remarks obtained from NMMC.
- XIV. PP to obtain CRZ from Competent authority, if applicable.
- XV. PP to ensure that public parking proposed here to be dealt by CIDCO Separately and it will not be part of Conveyance of the buildings.
- XVI. PP to provide separate entry/exit for both the residential buildings. PP to explore possibility to provide another entry/exit to the north side of north side residential building.
- XVII. The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary since the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting Commencement Certificates.

B. SEIAA Conditions

- I. 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.

- II. PP to take necessary diligence to ensure high rate of survival of 306 no of trees to be transplanted.
- III. PP to ensure that CER plan gets approved from Municipal Commissioner.
- IV. PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-IA.III dt.04.01.2019.
- V. SEIAA decided to grant EC for –FSI: 123932.50 m2, Non-FSI: 117649.88 m2 and Total BUA: 241582.38 m2 (Plan Approval no CIDCO/SR.ARCH.(BP-IHP)/2020/438-R1/450 dated 10.07.2020).

General Conditions:

- I. E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
- II. The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.
- III. This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.
- IV. PP has to abide by the conditions stipulated by SEAC& SEIAA.
- V. The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
- VI. If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.
- VII. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
- VIII. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
- IX. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of 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 neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- 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 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.
- 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 of 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/ reused to the maximum extent possible. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treatment of 100% grey water by decentralized treatment should be done. 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 grey and black water should be done by the use of dual plumbing line for

separation of grey 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 fulfil 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 of /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 night-time 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 fulfil 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 break-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://parivesh.nic.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, 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.
 - 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.

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, amended time to time.
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.


Manisha Patankar-Mhaikar
(Member Secretary, SEIAA)

Copy to:

1. Shri Johny Joseph, Chairman, SEIAA.
2. Secretary, MoEF & CC
3. IA- Division MOEF & CC
4. Member Secretary, Maharashtra Pollution Control Board, Mumbai.
5. Regional Office MoEF & CC, Nagpur
6. District Collector, Thane.
7. Commissioner, Navi Mumbai Municipal Corporation
8. Regional Officer, Maharashtra Pollution Control Board, Navi Mumbai.

ENCLOSURE NO. III

CONSENT TO ESTABLISH



Maharashtra Pollution Control Board

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MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24044532/4024068/4023516
Website: <http://mpcb.gov.in>
Email: jdwater@mpcb.gov.in



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

Infrastructure/RED/L.S.I

No:- Format1.0/CC/UAN No.0000106441/CE 2109000292

Date: 09/09/21

To,
M/s City And Industrial Development
Corporation Of Maharashtra Ltd(CIDCO),
Plot No. 188A & Plot No. 9, Plot T No. 188A
of Sector 10 and Plot No. 9 Of Sector 11
Jainagar Railway Station, Sanpada node
,Navi Mumbai, Dist: Thane,



Sub: Consent to Establish for residential cum commercial project under PMAY housing scheme granted under red category.

- Ref:**
1. Your application vide UAN No.106441, dtd 03/05/2021.
 2. Environment Clearance granted vide no. SIA/MH/MIS/52171/2019. dtd. 27.10.2020.
 3. Minutes of Consent Committee Meeting held on 22.07.2021.

Your application NO. MPCB-CONSENT-0000106441

For: grant of Consent to Establish 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 / Renewal of Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The consent is granted for a period up to commissioning of the project or of 5 years whichever is earlier.**
2. **The capital investment of the project is Rs.632.0004 Cr. (As per undertaking submitted by pp).**
3. **The Consent to Establish is valid for residential cum commercial project under PMAY housing scheme named as M/s CITY AND INDUSTRIAL DEVELOPMENT CORPORATION OF MAHARASHTRA LTD(CIDCO), PLOT NO. 188A AND PLOT NO. 9, PLOT NO. 188A OF SECTOR 10 AND PLOT NO. 9 OF SECTOR 11, Tal & Dist: THANE, on Total Plot Area of 92596.79 SqMtrs for construction BUA of 241582.388 SqMtrs as per EC granted dated 27.10.2020 including utilities and services**
4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

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



Sr No	Description	Permitted	Standards to	Disposal
2.	Domestic effluent	1412	As per Schedule - I	The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body

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

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
S-1	DG Set (100*4 KVA)	4	As per Schedule -II
S-2	DG Set (140*6KVA)	6	As per Schedule -II
S-3	DG Set (400* 3KVA)	3	As per Schedule -II

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

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	NON BIO DEGRADABLE WAST	3256 Kg/Day	SEGERATION	Local body
2	BIO DEGRADABLE WAST	2170 Kg/Day	COMPOSTING AND DRYING	OWC

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

Sr No	Category No.	Quantity	UoM	Treatment	Disposal
			NA		

- This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.
- PP shall provide STP so as to achieve the treated domestic effluent standard for the parameter BOD-10 mg/lit.
- The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening.
- PP shall install online monitoring system for BOD, TSS and flow at the outlet of STP with connectivity to MPCB Server.
- PP shall extend/submit BG to from total sum of Rs. 10 Lakhs towards compliance of EC and consent to establish condition.
- PP shall install organic waste digester along with composting facility/biodigester (biogas) with composting facility for the treatment of wet garbage.

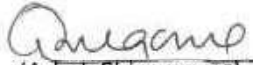


Maharashtra Pollution Control Board

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15. PP shall not take effective steps without obtaining EC from the Competent Authority (if EC not procured) PP shall comply conditions stipulated Environment Clearance accorded by Environment Department, GoM vide. SIA/MH/MIS/52171/2019. dtd. 27.10.2020.

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	1264001.00	MPCB-DR-4484	03/05/2021	NEFT

Balance fees of Rs. __ will be considered at the time of next renewal of consent

Copy to:

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



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your application, you have proposed to provide MBBR based Sewage Treatment Plants (STPs) of combined capacity **1555 CMD for treatment of domestic effluent of 1412 CMD.**

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

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

C] The treated domestic effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and connected to the sewerage system provided by local body.

- 2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.
- 3) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 4) **The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, and other provisions as contained in the said act.**

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	1661.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

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



Maharashtra Pollution Control Board

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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 proposed to erect following stack (s) and to observe the following fuel pattern-

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM
S-1	DG Set 100 KVA X 4 Nos CHIMNEY	Acoustic Enclosure	3.5	DISEL	0 Ltr/Hr
S-2	DG Set 140 KVA X 6 Nos CHIMNEY	Acoustic Enclosure	3.5	DISEL	0 Ltr/Hr
S-3	DG Set 400 KVA X 3 Nos CHIMNEY	Acoustic Enclosure	3.5	DISEL	0 Ltr/Hr

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

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

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

SCHEDULE-III

Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2 O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Consent to Establish	Rs. 10 lakh	15 Days	Towards O and M of pollution control system Compliance consent conditions.	Up to Commissioning of the project	Up to Commissioning of the project

** The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.

Existing BG obtained for above purpose if any may be extended for period of validity as above.



BG Forfeiture History

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

BG Return details

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

SCHEDULE-IV

Conditions during construction phase

A	During construction phase, applicant shall provide temporary sewage and MSW treatment and disposal facility for the staff and worker quarters.
B	During construction phase, the ambient air and noise quality shall be maintained and should be closely monitored through MoEF approved laboratory.
C	Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.

General Conditions:

- 1 The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2 The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act 1986 and Solid Waste Management Rule 2016, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011.
- 3 Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4 Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 5 Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) 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.

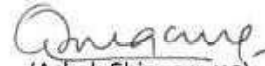


Maharashtra Pollution Control Board

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- d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
- e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
- f) D.G. Set shall be operated only in case of power failure.
- g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
- h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
- 6 Solid Waste - The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rule 2016 & E-Waste (M & H) Rule 2011.
- 7 Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 8 Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
- 9 The treated sewage shall be disinfected using suitable disinfection method.
- 10 The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
- 11 The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.

For and on behalf of the
Maharashtra Pollution Control Board.


(Ashok Shingare IAS),
Member Secretary

PART D
ALL ANNEXURE

ANNEXURE 1

Sanitary and Hygiene Measures

- Toilets are provided to construction workers.
- Separate storage tanks for storage of domestic and Drinking water have been provided.
- Solid waste is being disposed daily to municipal collection system.
- Separate arrangements for workers for having lunch. The provided separate area is maintained in hygiene point of view.
- Workers health will be regularly monitored and even Health insurance is provided.
- All construction activity will be followed strictly with guideline of safety measures to assure worker's health and safety.

ANNEXURE-2

FACILITIES PROVIDED TO LABOUR HUTMENTS

Project Name: "Proposed PMAY Housing Project"

Site Address : Plot no. 188A of Sector 10, Plot no. 9 of sector, 11, Near Juinagar Railway station, Sanpada Node, Taluka- Thane, District- Thane.

Total Labour hutments: 15-20 nos.

Facilities provided:

1. We have provided 10 toilets for Labour Hutments.
2. Drinking Water facility has also been provided.
3. Water Tank for domestic purpose is provided. In addition, Water Tanker also comes daily for supplying water.
4. Electric bulbs and electricity has been provided.
5. Labour Hutments are isolated from construction activity area for safety purpose.
6. Kerosene and Pressure cooker has been provided for cooking purpose.

ANNEXURE NO. 3

AIR, NOISE, SOIL & WATER MONITORING REPORTS



GREEN ENVIROSAFE
Engineers & Consultant Pvt Ltd.

A-7/2/C-11, Capital City, Talwade - Chakan Road, Chakan MIDC, PH-IV, Village Nighoje, Tal. Khed,
Dist. Pune-410501. Mob + 9545084620, 8421365421 CIN No. : U74900PN2013PTC149666
E-mail : envirosafetyeng@gmail.com, gesecc12@gmail.com | www.greenenvirosafe.co.in

Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB)
and ISO/IEC 17025:2017 (NABL), ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

TEST REPORT

Test Report No: -	GESEC/PRO/2025-26/04/560	Date	03/05/2025
Sample Code: -	GESEC/PRO/2025-26/04/560		
Name & Address of the Client	Client Name: Shapoorji Pallonji and Company Private Limited CIDCO Package III- Juinagar Station Site (1590)		

AAQM SAMPLE DETAILS

Type	Location	Sampling done by
Ambient Air	LIG-B-08, Building Ground Floor Area	M/s. Perfect Pollucon Services, Thane

Sampling Time

Start Time	Stop Time	Total Hrs.
12.30 PM	12.30PM	24

Ambient Temperature °C	32.0	Wet Bulb Temperature °C	24.0
Dry Bulb Temperature °C	32.0	Relative Humidity % RH	50

Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date
26/04/2025	28/04/2025	28/04/2025	03/05/2025

Name of Instrument	PPS-03.1,03.2,03.3	Date of Calibration	29-05-2024
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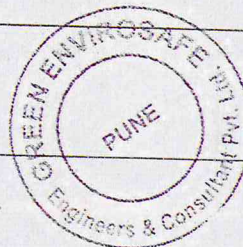
Calibration Certificate No.	TECH/CAL/2024/05. C/7,8,9	Due Date of Calibration	28-05-2025
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Sample Test Details

Sr. No	Parameters	Method	Unit	NAAQ Standards	Result
1	Sulphur Dioxide (SO ₂)	CPCB Guidelines, Volume I, 36/2012-13, Page no.01	µg/m ³	≤ 80	24.1
2	Oxides of Nitrogen (NO ₂)	CPCB Guidelines, Volume I, 36/2012-13, Page no.07	µg/m ³	≤ 80	32.6
3	Particulate Matter PM ₁₀	CPCB Guidelines, Volume I, 36/2012-13, Page no.11	µg/m ³	≤ 100	65.4
4	Particulate Matter PM _{2.5}	CPCB Guidelines, Volume I, 36/2012-13, Page no.15	µg/m ³	≤ 60	44.2
5	Carbon Monoxide (CO)	CPCB Guidelines, Volume I, 36/2012-13, Page no.16	mg/M ³	≤ 04	1.09

Remark-

- NAAQS-National Ambient Air Quality Standard.





V. Hande
Mr. Vinod Hande
(Technical Manager)
Reviewed & Authorized By

Terms and conditions

- The report is refer only to the sample tested and not applies to the bulk.
- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.
- Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.
- We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not revel to third party unless required by the statutory or legal requirement.
- MoEF approved Lab by Govt. of India till 28/02/2026.

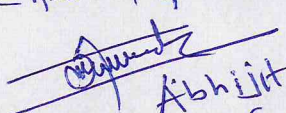
checked & verified by
Abhijit Mhatre
(Safety Manager - SSTA)

Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB)
 and ISO/IEC 17025:2017 (NABL), ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

TEST REPORT					
Test Report No: -	GESEC/PRO/2025-26/04/561			Date	03/05/2025
Sample Code: -	GESEC/PRO/2025-26/04/561				
Name & Address of the Client	Client Name: Shapoorji Pallonji and Company Private Limited				
	CIDCO Package III- Juinagar Station Site (1590)				
AAQM SAMPLE DETAILS					
Type	Location		Sampling done by		
Ambient Air	EWS-B-04, Building, Ground Floor		M/s. Perfect Pollucon Services, Thane		
Sampling Time					
Start Time	Stop Time		Total Hrs.		
1.00PM	1.00 PM		24		
Ambient Temperature °C	32.0	Wet Bulb Temperature °C	24.0		
Dry Bulb Temperature °C	32.0	Relative Humidity % RH	50		
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date		
26/04/2025	28/04/2025	28/04/2025	03/05/2025		
Name of Instrument	PPS-02.1,02.2,02.3	Date of Calibration	29-05-2024		
Calibration Certificate No.	TECH/CAL/2024/05. C/19,20,21	Due Date of Calibration	28-05-2025		
Sample Test Details					
Sr. No	Parameters	Method	Unit	NAAQ Standards	Result
1	Sulphur Dioxide (SO ₂)	CPCB Guidelines, Volume I, 36/2012-13, Page no.01	µg/m ³	≤ 80	20.4
2	Oxides of Nitrogen (NO ₂)	CPCB Guidelines, Volume I, 36/2012-13, Page no.07	µg/m ³	≤ 80	32.6
3	Particulate Matter PM ₁₀	CPCB Guidelines, Volume I, 36/2012-13, Page no.11	µg/m ³	≤ 100	60.1
4	Particulate Matter PM _{2.5}	CPCB Guidelines, Volume I, 36/2012-13, Page no.15	µg/m ³	≤ 60	32.5
5	Carbon Monoxide (CO)	CPCB Guidelines, Volume I, 36/2012-13, Page no.16	mg/M ³	≤ 04	0.96
Remark- ➤ NAAQS-National Ambient Air Quality Standard.					
<div style="display: flex; justify-content: space-between; align-items: center;">  <div style="text-align: right;">  Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By </div> </div>					

Terms and conditions

- The report is refer only to the sample tested and not applies to the bulk.
- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.
- Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.
- We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not revel to third party unless required by the statutory or legal requirement.
- MoEF approved Lab by Govt. of India till 28/02/2026.

checked & verified by

Abhijit Mhark
 (Safety Manager - SSIA)



GREEN ENVIROSAFE
Engineers & Consultant Pvt Ltd.

A-7/2/C-11, Capital City, Talwade - Chakan Road, Chakan MIDC, PH-IV, Village Nighoje, Tal. Khed,
Dist. Pune-410501. Mob + 9545084620, 8421365421 CIN No. : U74900PN2013PTC149666
E-mail : envirosafetyeng@gmail.com, gesec12@gmail.com | www.greenenvirosafe.co.in

Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB)
and ISO/IEC 17025:2017 (NABL), ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

TEST REPORT

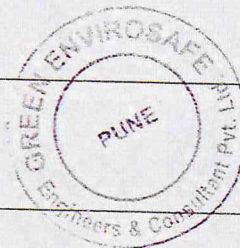
Report No: - GESEC/PRO/2025-26/04/562	Date of Report	03/05/2025
Sample Code: - GESEC/PRO/2025-26/04/562	Date of Sampling	26/04/2025-27/04/2025
Client Name & Address: Shapoorji Pallonji and Company Private Limited CIDCO Package III- Juinagar Station Site (1590)	Location	Near Project Store-LIG-B-08, Building Ground Floor Area
	Standard method	IS: 9989:2020
	Sample Collected By	M/s. Perfect Pollucon Services, Thane
Name of Instrument	LA-2426109	Date of Calibration
Calibration Certificate No	TECH/CAL/2024/05.C/44	29-05-2024
	Due Date of Calibration	28-05-2025

Ambient Noise Level Monitoring Report

Timing (Hr)	Result dB(A)	Timing (Hr)	Result dB(A)	Category Zone	Limits in dB (A)	
					Day	Night
01.00 PM	65.8	05.00 AM	45.9	Industrial Area	75	70
02.00 PM	66.4	06.00 AM	48.6	Commercial Area	65	55
03.00 PM	62.2	07.00 AM	52.8	Residential Area	55	45
04.00 PM	65.6	08.00 AM	56.9	Silence Zone	50	40
05.00 PM	64.3	09.00 AM	60.5			
06.00 PM	63.7	10.00 AM	62.7			
07.00 PM	64.4	11.00 AM	65.8			
08.00 PM	62.1	12.00 PM	64.3			
09.00 PM	60.8					
10.00 PM	61.2					
11.00 PM	60.4					
12.00 AM	58.9					
01.00 AM	52.2					
02.00 AM	50.4					
03.00 AM	48.3					
04.00 PM	50.6					

Time	Min.	Max.	Avg Reading
Day Time (6.00 a.m. to 10.00 p.m.)	52.8	66.4	61.6
Night Time (10.00 p.m. to 6.00)	45.9	58.9	52.3

Remark-All Above Noise level results are within Central Pollution Control Board Standards limit.
Note: Your Site is under Commercial Zone.
Hence Please refer standard limit for Commercial Zone.



Hande
Mr. Vinod Hande
(Technical Manager)
Reviewed & Authorized By

Terms and conditions

- The report is refer only to the sample tested and not applies to the bulk.
- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.
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- We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not reveal to third party unless required by the statutory or legal requirement.
- MoEF approved Lab by Govt. of India till 28/02/2026.

Checked & Verified by
Abhijit Mahar
(Safety Manager SSW)



GREEN ENVIROSAFE
Engineers & Consultant Pvt Ltd.

A-7/2/C-11, Capital City, Talwade - Chakan Road, Chakan MIDC, PH-IV, Village Nighoje, Tal. Khed,
Dist. Pune-410501. Mob+ 9545084620, 8421365421 CIN No. : U74900PN2013PTC149666
E-mail : envirosafetyeng@gmail.com, gesec12@gmail.com | www.greenenvirosafe.co.in

Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB)
and ISO/IEC 17025:2017 (NABL), ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

TEST REPORT

Report No: - GESEC/PRO/2025-26/04/563	Date of Report	03/05/2025
Sample Code: - GESEC/PRO/2025-26/04/563	Date of Sampling	26/04/2025-27/04/2025
Client Name & Address: Shapoorji Pallonji and Company Private Limited CIDCO Package III- Juinagar Station Site (1590)	Location	Near Project STP-EWS-B-04, Building, Ground Floor
	Standard method	IS: 9989:2020
	Sample Collected By	M/s. Perfect Pollucon Services, Thane
Name of Instrument	LA-2426122	Date of Calibration
Calibration Certificate No	TECH/CAL/2024/05.C/46	Due Date of Calibration
		29-05-2024
		28-05-2025

Ambient Noise Level Monitoring Report

Timing (Hr)	Result dB(A)	Timing (Hr)	Result dB(A)	Category Zone	Limits in dB (A)	
					Day	Night
01.30 PM	64.8	05.30 AM	42.7	Industrial Area	75	70
02.30 PM	62.4	06.30 AM	45.3	Commercial Area	65	55
03.30 PM	65.7	07.30 AM	50.6	Residential Area	55	45
04.30 PM	64.6	08.30 AM	51.8	Silence Zone	50	40
05.30 PM	62.7	09.30 AM	56.5			
06.30 PM	65.1	10.30 AM	60.1			
07.30 PM	60.8	11.30 AM	62.4			
08.30 PM	61.6	12.30 PM	64.5			
09.30 PM	59.2					
10.30 PM	56.4					
11.30 PM	52.7					
12.30 AM	54.8					
01.30 AM	49.6					
02.30 AM	48.4					
03.30 AM	46.9					
04.30 AM	47.1					

Time	Min.	Max.	Avg Reading
Day Time (6.00 a.m. to 10.00 p.m.)	45.3	65.7	59.6
Night Time (10.00 p.m. to 6.00)	42.7	54.8	48.8

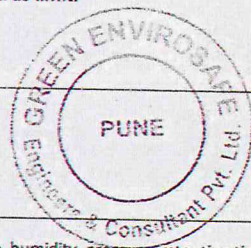
Remark-All Above Noise level results are within Central Pollution Control Board Standards limit.

Note: Your Site is under Commercial Zone.

Hence Please refer standard limit for Commercial Zone.

Terms and conditions

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Hande
Mr. Vinod Hande
(Technical Manager)
Reviewed & Authorized By

checked & signed by
Signature
(Safety Manager - SSTA)

**GREEN ENVIROSAFE**

Engineers & Consultant Pvt Ltd.

A-7/2/C-11, Capital City, Talwade - Chakan Road, Chakan MIDC, PH-IV, Village Nighoje, Tal. Khed,
Dist. Pune-410501. Mob+ 9545084620, 8421365421 CIN No. : U74900PN2013PTC149666
E-mail : envirosafeteng@gmail.com, gesec12@gmail.com | www.greenenvirosafe.co.in

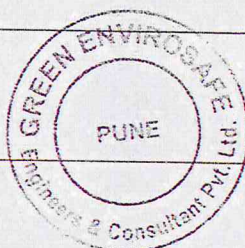
Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB)
and ISO/IEC 17025:2017 (NABL), ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

ANALYSIS REPORT FOR WATER SAMPLE

Report No: GESEC/PRO/2025-26/04/564				Date of Report	03/05/2025
Sample Code:GESEC/PRO/2025-26/04/564				Date of Sampling	26/04/2025
Client Name: Adress Shapoorji Pallonji and Company Private Limited CIDCO Package III- Juinagar Station Site (1590)				Start Date of Analysis	28/04/2025
				End Date of Analysis	03/05/2025
				Sample Details	Drinking Water Analysis
				Sample Location	EWS Area -Labour Camp
Sr. No.	Parameters	Results	Units	IS desirable Limit (As per IS 10500)	Standard Method
1	pH	7.52	-	6.5 - 8.5	APHA 4500 H + B 24th Ed.2023
2	Total Dissolved Solids	170	mg/lit	500.00	APHA 2540 C 24th Ed.2023
3	Colour	Colourless	Hazon	5.0	APHA 2120 B 24th Ed.2023
4	Taste	Agreeable	-	-	APHA 2160 C 24th Ed.2023
5	Odour	Unobjectionable	-	Not Offensive	APHA 2150 24th Ed.2023
6	Turbidity	0.3	NTU	< 1.0	APHA 2130 B24th Ed.2023
7	Total Hardness	78	mg/lit	200.00	APHA 2340 C 24th Ed.2023
8	Chlorides as Cl ⁻	60	mg/lit	250.00	APHA 4500 Cl B 24th Ed.2023
9	Residual Free Chlorine	BDL	mg/lit	45.00	IS:3025(part 26):2023
10	Iron as Fe	0.12	mg/lit	0.30	IS 3025(part 53):2019
11	Fluoride	BDL	mg/lit	1.0	IS 3025 (Part 60) :2019
12	E. Coli (MPN/100 ml)	Absent	MPN/100 ml	Should be absent	APHA 9222, J, 24 th Ed. 2023
13	Total Coliform	Absent	MPN/100 ml	Should be absent	APHA 9222, J, 24 th Ed. 2023

Remark(s): BDL: Below Detection Limit

- The above Water sample is chemically & bacteriological potable with respect to above parameters.
- Test results related only to the sample tested.



V. Hande
Mr. Vinod Hande
(Technical Manager)
Reviewed & Authorized By


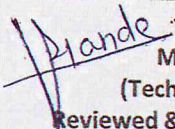
Terms and conditions

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- MoEF approved Lab by Govt. of India till 28/02/2026.

checked & verified by
(Abhishek Mahale)
(Safety Manager -SSM)

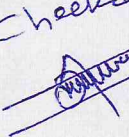


Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB)
and ISO/IEC 17025:2017 (NABL), ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

TEST REPORT					
Test Report No	GESEC/PRO/2025-26/04/565			Date	03/05/2025
Sample Code-	GESEC/PRO/2025-26/04/565				
Name & Address of the Client	Client Name: Shapoorji Pallonji and Company Private Limited CIDCO Package III- Juinagar Station Site (1590)				
STACK DETAILS					
Stack No	Sample Details	Sampling done by			
DG No. 1-LIG Area (125 KVA)	Stack	M/s. Perfect Pollucon Services, Thane			
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date		
26/04/2025	28/04/2025	28/04/2025	03/05/2025		
Name of Instrument	3016	Date of Calibration	10-01-2025		
Calibration Certificate No.	TECH/2025/SMK/43	Due Date of Calibration	09-01-2026		
Shape	Round	Material of Stack	MS		
Diameter/ Dimensions (m)	0.1016	Gas Volume (m ³ /Hr)	311		
Height (m)	2.0	Fuel Used	Diesel		
Temperature (°C)	140	Velocity (m/s)	10.69		
Sample Test Details					
Sr.No.	Parameters	Method	Unit	Limit	Result
1	Total Particulate Matter (TPM)	EPA METHOD 17: 2017	g/kw- hr	≤ 0.2	0.20
2	Sulphur – Di – Oxide (SO ₂)	EPA METHOD 06: 2017	g/kw- hr	NM	0.14
3	Carbon Monoxide (CO)	EPA METHOD 10: 2017	g/kw- hr	≤ 4.0	0.58
4	Oxide of Nitrogen (NO ₂)	EPA METHOD 07 E	g/kw- hr	≤ 3.5	0.62
5	Total Hydrocarbon (HC)	EPA METHOD 8440	g/kw- hr	≤ 4.0	1.34
Remark(s) ➤ All above results are well within CPCB Limit. ➤ The above results relate only to the item tested. ➤ NM – Not Mentioned.					
<div style="text-align: center;"></div> <div style="text-align: right;"> Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By</div>					

Terms and conditions

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- MoEF approved Lab by Govt. of India till 28/02/2026.

Checked & Verified by

Ashish Mhatre
Safety Manager - SS7A

ANNEXURE NO. 5

Advertisement Copy

Friday, 2 August 2024

Newsband



PUBLIC NOTICE
CIDCO PMAY Housing
ENVIRONMENTAL CLEARANCE

The State Environmental Impact Assessment Authority (SEIAA), Maharashtra has accorded Environmental Clearance (EC) for CIDCO's Residential cum Commercial housing complex under PMAY Scheme, Package-III (out of Package-I to IV) vide No. SIA/MH/MIS/52171/2019 dated 27/10/2020 for proposed Pradhan Mantri Awas Yojana (PMAY) housing scheme at Plot No. 188A, Sector- 10, & Plot No. 09, Sector- 11 near Jui Nagar Railway Station, Sanpada Node, Navi Mumbai, Tal & Dist- Thane.

The copy of environmental Clearance is available for reference with Maharashtra State Pollution Control Board and may also be seen at Website at <http://parivesh.nic.in>

The State Environmental Impact Assessment Authority (SEIAA) has accorded the environmental clearance for the said project under the provisions of EIA Notification, 2006.

Superintending Engineer
(HSG-I & NT)

CIN - U99999 MH 1970 SGC-014574

www.cidco.maharashtra.gov.in

CIDCO/PR/136/2024-25

धावते

नव नगर शुक्रवार, २ ऑगस्ट २०२४



सार्वजनिक सूचना

सिडको प्रधानमंत्री आवास योजना

पर्यावरण मंजूरी

राज्य पर्यावरण प्रभाव मूल्यांकन प्राधिकरण (SEIAA) महाराष्ट्र यांनी प्रधानमंत्री आवास योजनेअंतर्गत सिडकोच्या निवासी तथा व्यावसायिक गृहनिर्माण प्रकल्प पॅकेज- ३ अंतर्गत (पॅकेज- १ ते ४ पैकी) पर्यावरण मंजूरी पत्र क्र. SIA/MH/MIS/52171/2019 दिनांक २७/१०/२०२० अन्वये, प्लॉट नं. १८८अ, सेक्टर १०, आणि प्लॉट नं. ०९, सेक्टर- ११, जुईनगर रेल्वे स्टेशन सानपाडा नोड, नवी मुंबई, जिल्हा- ठाणे येथील प्रकल्पाला पर्यावरणाच्या दृष्टीकोनातून मंजूरी दिली आहे.

सदर मंजूरीची प्रत महाराष्ट्र प्रदूषण नियंत्रण महामंडळ यांच्याकडे उपलब्ध आहेत व ती प्रत <http://parivesh.nic.in> या वेबसाईट वर देखील पाहता येईल.

राज्य पर्यावरण प्रभाव मूल्यमापन प्राधिकरण (SEIAA) ने (EIA) अधिसूचना, २००६ च्या तरतुदीनुसार उक्त प्रकल्पासाठी पर्यावरण मंजूरीला मान्यता दिली आहे.

अधिक्षक अभियंता

(गृहनिर्माण-१ व नवीन शहरे)

CIN - U99999 MH 1970 SGC-014574

www.cidco.maharashtra.gov.in

सिडको/जनसंपर्क/१३६/२०२४-२१

ANNEXURE NO. 6

Wild Life NOC for Thane Flamingo Sanctuary



अपर प्रधान मुख्य वनसंरक्षक, कांदळवन कक्ष मुंबई, यांचे कार्यालय.

३०२, वेक फ़िल्ड हाऊस, ३रा मजला, ब्रिटानिया रेस्टॉरंट जवळ,
बल्लार्ड इस्टेट, फ़ोर्ट, मुंबई - ४०० ००९,

दूरध्वनी- ०२२-२२६९४९८४/८५, ई-मेल-ccfmmumbai@gmail.com



जा. क्र. अप्रमुवसं/कांक/सर्वे/ 1511 / सन- २०२०-२१, मुंबई-४०० ००९, दिनांक: 17/11/2021

प्रति,

✓ Superintending Engineer (HSG-I)
7 th Floor, CIDCO Bhavan,
C.B.D Belapur,
Navi Mumbai- 400 614

विषय: - Wildlife Clearance for the proposed Pradhan mantri Aawas Yojane (PMAY) Housing Scheme at Plot No. 20+21, Sanpadaa Railway Station Forecourt / Mass Housing Sector - 30, Vashi, Navi Juinagar Railway Station Navi Mumbai, Maharaashtra.

- संदर्भ:** - १. प्रधान मुख्य वनसंरक्षक (वन्यजीव), महाराष्ट्र राज्य, नागपूर यांच्या कार्यालयाचे पत्र क्रमांक-कक्ष-२३(२)/ वजी/ सर्वे/ प्र. क्र. -१६५/१८१७, दिनांक- ०२/११/२०२१.
२. प्रधान मुख्य वनसंरक्षक (वन्यजीव), महाराष्ट्र राज्य, नागपूर यांच्या कार्यालयाचे पत्र क्रमांक-कक्ष-२३(२)/ वजी/ सर्वे/ प्र. क्र. -१६५/२८४९, दिनांक- १६/०२/२०२१.
३. केंद्र शासन, पर्यावरण वने व हवामान बदल, मंत्रालय नवी दिल्ली अधिसूचना क्रमांक- का. आ. ४२९३(अ), दिनांक- १४/१०/२०२१.

उपरोक्त विषयाकित प्रकरणी सदर प्रस्तावित प्रकल्पास राज्य/ राष्ट्रीय वन्यजीव मंडळाची परवानगी / मान्यता प्राप्त करून घेण्याकरीता प्रकल्प यंत्रणेवारे प्रस्ताव सादर करण्यात आलेला होता. सदर प्रस्तावाचे तांत्रिक संस्करण केले असता प्रधान मुख्य वनसंरक्षक (वन्यजीव), महाराष्ट्र राज्य, नागपूर यांचेकडून त्रुटी काढण्यात आल्या होत्या. सदर त्रुटीची पूर्तता करून फ़ेर प्रस्ताव सादर करण्याबाबत उपरोक्त संदर्भीय पत्र क्रमांक- ०२ अन्वये कळविण्यात आले आहे. ✓

तथापी आता उपरोक्त संदर्भ क्रमांक-०३ अन्वये "ठाणे खाडी फ़्लेमिंगो अभयारण्य" चे पर्यावरण संवेदनशील क्षेत्र हे अंतिमतः अधिसूचित करण्यात आले असुन सदर अधिसूचनेनुसार "ठाणे खाडी फ़्लेमिंगो अभयारण्य" चे पर्यावरण संवेदनशील क्षेत्राची सिमा अभयारण्याच्या संरक्षित क्षेत्रापासून ० कि. मी ते ३.८९ कि. मी अंतरावर निश्चित करण्यात आलेली आहे. ✓

तथापी केंद्र शासनाने जाहिर केलेल्या अधिसूचनेनुसार विषयांकित प्रस्तावित प्रकल्प हा अंतिमतः निश्चित करण्यात आलेल्या "ठाणे खाडी फ़्लेमिंगो अभयारण्य" च्या पर्यावरण संवेदनशील क्षेत्राच्या सिमेबाहेर स्थित असल्यामुळे सदर प्रस्तावास राज्य अथवा राष्ट्रीय वन्यजीव मंडळाची परवानगी / मान्यता घेण्याची आवश्यकता नाही. त्यामुळे विषयांकित प्रस्ताव नस्तीबद्ध करण्यात येत आहे.

CIDCO / EE (TP-I)

Inward No.: 4230

Date: 16.11.2021

✓ *Pradha*
(वीरेन्द्र तिवारी) 17/11/21

अपर प्रधान मुख्य वनसंरक्षक

कांदळवन कक्ष, मुंबई

प्रतिलिपी:- विभागीय वन अधिकारी, मुंबई कांदळवन. संधारण घटक स्थाना माहीतीस्वरुपात

③ Copy to - OSD to JMD - Kind int. A. See (P-2) Copy to -

② Copy to - SBCESS - for kind int. See (P-2) 4th floor CIDCO Bhavan

ANNEXURE NO. 7

Tree Cutting NOC

CITY AND INDUSTRIAL DEVELOPMENT CORPORATION OF MAHARASHTRA LIMITED

ICIN: 255555 MR 1470 ISC 014374

REGD. OFFICE

"NIRMAL" 2nd Floor, Nariman Point,

Mumbai - 400 021

PHONE: 00 91-22-6650 0900

FAX: 00 91-22-2202 2509

HEAD OFFICE

CIDCO Bhavan, CBD Belapur,

Navi Mumbai - 400 614

PHONE: 00 91-22-6791 3100

FAX: 00 91-22-6791 3166

Ref. No. NO.CIDCO/Hort/2020/35/sap-402

Date: 27.07.2020

To,

Shri.R.S.Nayak,

Superintending Engineer (Housing-I),

CIDCO Ltd., 7th Floor, CIDCO Bhavan,

CBD Belapur, Navi Mumbai-400614.

Sub:- Permission for removal of trees from Proposed Mass housing scheme at Plot No.188A, Sector-10 & Plot No.09, Sector-11, Juinagar station, Navi Mumbai.

Ref: - Your application dt.15/06/2020.

Sir,

With reference to above it is to inform that your request for removal of trees from Proposed Mass housing scheme at Plot No.188A, Sector-10 & Plot No.09, Sector-11, Juinagar station, Navi Mumbai has been considered by the Tree Authority under section 8(3) of the Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975 & rules called the Maharashtra (Urban Areas) Protection and Preservation of Tree rules rule - 2009 & amendment up to 2016 subject to the following conditions:-

- 1) The Tree Authority Committee of CIDCO has granted the permission to cut 337 No of existing trees and to transplant 119 no of trees. You should retain 398 no of existing trees. The details are as below;

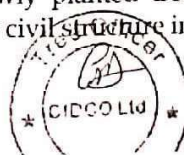
Sr. No	Description	Tree no.
1	Trees to be cut	23, 24, 25, 26, 27, 28, 29, 30, 31, 33, 35, 36, 41, 42, 43, 44, 48, 49, 50, 59, 60, 78, 80, 81, 82, 83, 84, 87, 89, 90, 91, 93, 94, 95, 96, 97, 99, 104, 106, 107, 108, 109, 113, 128, 130, 132, 133, 134, 175, 176, 193, 196, 198, 199, 200, 207, 208, 209, 210, 211, 212, 214, 215, 216, 218, 220, 221, 222, 223, 224, 226, 227, 228, 229, 230, 231, 232, 236, 237, 239, 240, 241, 243, 244, 246, 247, 249, 250, 252, 253, 262, 263, 264, 265, 269, 277, 279, 280, 296, 297, 298, 299, 300, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 335, 336, 337, 344, 350, 351, 352, 354, 355, 356, 360, 361, 362, 396, 397, 398, 399, 400, 402, 403, 408, 409, 410, 413, 415, 416, 418, 419, 420, 421, 422, 423, 428, 437, 438, 440, 442, 444, 445, 446, 448, 451, 454, 455, 459, 461, 462, 463, 464, 465, 466, 467, 469, 470, 471, 472, 473, 474, 476, 477, 478, 479, 481, 482, 483, 487, 488, 489, 490, 491, 492, 493, 522, 523, 545, 606, 608, 609, 610, 612, 615, 616, 617, 619, 620, 622, 623, 624, 625, 626, 627, 628, 629, 630, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 643, 644, 645, 646, 647, 648, 649, 650, 652, 654, 657, 669, 670, 671, 672, 673, 674, 675, 676,

In case of any corruption related complaints, please visit :

cidco.maharashtra.gov.in / CIDCO VIGILANCE MODULE NEW / Userlogin.aspx

		677, 678, 679, 681, 682, 683, 684, 686, 687, 688, 689, 690, 691, 694, 695, 750, 751, 752, 754, 755, 756, 757, 759, 760, 778, 812, 834, 835, 836, 837, 839, 840, 841, 843, 845, 846, 847, 849, 850, 851, 852, 853, 854, 856, 857, 859, 860, 861, 863, 864, 865, 866, 888, 889, 890, 891, 892, 893, 894, 898, 899, 900, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 928, 929.
2	Trees to be Transplant	32, 34, 37, 38, 39, 40, 45, 46, 47, 51, 52, 53, 54, 55, 56, 57, 58, 61, 79, 85, 86, 88, 92, 98, 100, 101, 102, 103, 105, 110, 111, 129, 131, 192, 194, 195, 197, 204, 205, 206, 213, 217, 219, 225, 233, 234, 235, 238, 245, 251, 266, 268, 295, 337, 333, 334, 347, 348, 349, 353, 363, 364, 366, 368, 370, 372, 374, 376, 395, 404, 405, 406, 407, 411, 412, 414, 417, 436, 439, 441, 443, 447, 449, 450, 452, 453, 456, 457, 458, 460, 468, 475, 480, 607, 613, 614, 618, 621, 631, 642, 651, 653, 655, 656, 658, 680, 685, 692, 693, 758, 761, 844, 862, 868, 895, 896, 897, 927, 930.
3	Trees to be Retain	112, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 135, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 201, 202, 203, 242, 248, 254, 255, 256, 257, 258, 259, 260, 261, 267, 270, 271, 272, 273, 274, 275, 276, 278, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 338, 339, 340, 341, 342, 343, 345, 346, 357, 358, 359, 365, 367, 369, 371, 373, 375, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 401, 424, 425, 426, 427, 429, 430, 431, 432, 433, 434, 435, 484, 485, 486, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 611, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 696, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 753, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 838, 842, 848, 855, 858, 867, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 901, 902, 903.

- 2) As per the provision under Section 8(3) (a) of the said Act, you are hereby directed that no tree shall be cut/transplanted until fifteen days (15) after the permission is given by the Tree Authority.
- 3) It is mandatory on your part to plant 2 no of trees against each tree to be cut. As per the provision of Maharashtra (Urban Areas) Protection and Preservation of Trees (amendment) Act, 2016-the new trees shall be plant within fifteen days from the date of tree (s) is felled.
- 4) You have to plant 674 no of new trees (against cutting of 337 no of trees) & to transplant 119 no of trees - along periphery and within the open spaces of Proposed Mass housing scheme at Plot No.188A, Sector-10 & Plot No.09, Sector-11, Juinagar station, Navi Mumbai. While planting trees, suitable distance should be kept from the boundary of the plots, so that the newly planted trees will not obstruct the construction of compound wall or any other civil structure in future.



You shall maintain & protect the new tree plantation (674 no of trees) & transplanted trees (119 no of trees) for the period of three years & care should be taken so that tree grows properly & give a report to the tree officer about the condition of these trees once in six months for a period of three years as per the form - G under section 9(2). (Copy of Format enclosed herewith for your reference).

5) Your attention is kindly drawn to the provisions under section of 21 of the Maharashtra (Urban Areas) Protection & Preservation of Trees Act. 1975, as modified on 9th June, 2004.

21 (1) Whoever fells any tree or causes any tree to be felled in contraventions of the provision of the Act or without reasonable excuse fails to comply with any order issued or condition imposed by the Tree Officer or the Tree Authority or voluntarily obstructs and member of the Tree Authority or the Tree Officer or any officers and Servants subordinate to him in the discharge of their functions under this Act. Shall, on conviction, be punished with the fine of not less than one thousand rupees which may extend up to five thousand rupees for every offence and also with imprisonment for a term of not less than one week, which may extent up to one year.

(3) The felling or causing of felling of each tree without the Permission of The Tree Authority shall constitute a separate offence.

6) At the time of transplanting or cutting of trees, if any social problem occurs, you will have to resolve the same at your end.

7) You shall submit the report for Cutting and transplantation of the trees carried out to Tree officer, CIDCO.

8) Tree authority Committee, CIDCO has granted the permission for removal of 456 no of trees (To Cut 337 nos & to transplant 119 nos). At the time of actual execution of work on site, applicant Superintending Engineer (Housing-I), shall ensure that remove only those trees which are falling in alignment of construction activities.

9) The said permission is valid only up to 90 days from the receipt thereof.

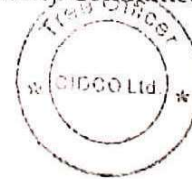
Note: This Tree removal permission is subject to terms and conditions mentioned in C.C. issued vide letter No.CIDCO/Sr.Arch (BP-IHP)/2020/E-06, dated 30th April 2020.

Thanking You.

Yours faithfully,

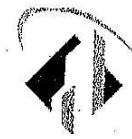
Cmawm
21/07/2020
Tree Officer

(Tree Authority Committee, CIDCO)



ANNEXURE NO. 8

CER submission to Local Authority & District Collector

**CITY AND INDUSTRIAL DEVELOPMENT CORPORATION OF MAHARASHTRA LIMITED**

(CIN - U99999 MH 1970 SGC - 014574)

REGD. OFFICE:

"NIRMA" 2nd Floor, Nariman Point,
Mumbai - 400 021,
PHONE : 00-91-22-6650 0900
FAX : 00-91-22-2202 2509

HEAD OFFICE:

CIDCO Bhavan, CBD Belapur,
Navi Mumbai - 400 614,
PHONE : 00-91-22-6791 8100
FAX : 00-91-22-6791 8166

Ref. No. CIDCO/ACE (III)/2020/ *SA 1-1692*

Date : 04.09.2020

To,
The Municipal Commissioner,
Navi Mumbai Municipal Corporation,
Plot No. 15A, Sector 1, 2, Palm Beach Road,
CBD Belapur, Navi Mumbai
Pin - 400 614.

Subject : Proposed Corporate Environmental Responsibility (CER) activities for Proposed Affordable Housing under PMAY scheme at Plot no. 188A of Sector 10 & Plot No. 9 of Sector 11, Juinagar, Sanpada Node, Taluka & District - Thane, State: Maharashtra.

Respected Sir,

Please find enclosed herewith the Corporate Environmental Responsibility (CER) activities in accordance with the circular issued by Ministry of Environment Forest and Climate Change (MOEF & CC) dated 1.5.2018 and subsequent circular of 19th June 2018 on Corporate Environmental Responsibility (CER) for Proposed Affordable Housing under PMAY scheme at Plot no. 188A of Sector 10 & Plot No. 9 of Sector 11, Juinagar, Sanpada Node, Taluka & District - Thane, State: Maharashtra.

This is for your kind information

Yours faithfully,

(Sheela Karunakaran)
Additional Chief Engineer (III)
CIDCO Ltd., 6th floor, CIDCO Bhavan,
CBD Belapur, Navi Mumbai-400 614

o/c

Encl: CER activity plan

P. A. to Municipal Commissioner
Navi Mumbai Municipal Corporation

CER Plan of PMAY Housing Scheme at Sanpada Station (Nodal Side), Plot No. 5 in Sector - 3, Sanpada, at Sanpada Station (Highway Side), P No. 20 & 21 in S - 30, Vashi &, at Juinaga Station, P No. 188A, S - 10 & P No. 9, S - 11, Sanpada, Dist. Thane.

Hemant Chhabildas Barhate

Wed 22-07-2020 14:46

To: collector.thane@maharashtra.gov.in <collector.thane@maharashtra.gov.in>;

Cc: MR. S. K. CHOTALIA <ce.sp@cidcoindia.com>; Mrs Sheela Karunakaran <ace3@cidcoindia.com>; Rajaram S. Nayak <se.hsg1@cidcoindia.com>; Mr Arjun Tatoba Anuse <ee.tp1@cidcoindia.com>; eetp1.cidco@gmail.com <eetp1.cidco@gmail.com>; Shri N. V. Dalvi <ae1.tp1@cidcoindia.com>; Bhagwan Vitthalrao Gaikwad <ae3.tp1@cidcoindia.com>; Shruti Shrinivas Potdar <ae1.tp1@cidcoindia.com>; Shri K. M. Katkade <ae3.tp1@cidcoindia.com>; Nilesh Sidappa Shahapurkar <ae2.tp1@cidcoindia.com>; Sameer Ramrao Godbole <ae4.tp1@cidcoindia.com>;

1 attachment

CER Letter of Sanpada Nodal, Sanpada Highway and Juinagar station sites to Collector, Thane.pdf;

Dear Sir,

Enclosed please find the CER Plan of Pradhan Mantri Awas Yojana (PMAY) Housing Scheme at Sanpada Station (Nodal Side), Plot No. 5, Sector - 3, Sanpada, at Sanpada Station (Highway Side), Plot No. 20 & 21, Sector - 30, Vashi & at Juinagar Station, Plot No. 188A, Sector - 10 & Plot No. 9, Sector - 11, Sanpada, Navi Mumbai, Dist. Thane for your information.

Thanks & regards
Hemant Barhate
AEE (TP-I)

Date: 21.07.2020

To,
The District Collector and District Magistrate,
District Collector's Office,
Court Naka, Thane (West),
District - Thane,
Pin - 402 201.

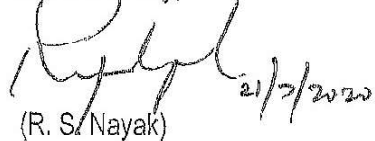
Subject : Proposed Corporate Environmental Responsibility (CER) activities for proposed affordable housing under PMAY scheme at Sanpada Station (Nodal side) at Plot No.5 Sector - 3, Sanpada, at Sanpada Station (Highway Side), Plot No. 20 & 21, Sector - 30, Vashi & at Juinagar Station, Plot No. 188A, Sector - 10 & Plot No. 9, Sector - 11, Sanpada, Navi Mumbai, District - Thane.

Respected Sir,


Please find enclosed herewith the Corporate Environmental Responsibility (CER) activities in accordance with the circular issued by Ministry of Environment Forest and Climate Change (MOEF & CC) dated 01.05.2018 and subsequent circular of 19th June 2018 on Corporate Environmental Responsibility (CER) for Proposed Affordable Housing under PMAY scheme at Sanpada Station (Nodal side) at Plot No.5 Sector - 3, Sanpada, at Sanpada Station (Highway Side), Plot No. 20 & 21, Sector - 30, Vashi & at Juinagar Station, Plot No. 188A, Sector - 10 & Plot No. 9, Sector - 11, Sanpada, Navi Mumbai, District - Thane.

This is for your kind information.

Yours faithfully,


(R. S. Nayak)

Superintending Engineer (HSG-I)
CIDCO Ltd., 7th floor, CIDCO Bhavan,
CBD Belapur, Navi Mumbai-400 614.

o/c


Encl: CER activity plans.

ANNEXURE NO. 9

Transportation Vehicles PUC

ANNEXURE NO. 9 Transportation Vehicles PUC

Form 59
[See rules 115 (2)]

Pollution Under Control Certificate
Authorised By :
Government of Maharashtra

Date : 17/10/2024
Time : 14:02:24 PM
Validity upto : 16/10/2025

Certificate SL No. : MH04300640035700
Registration No. : MH01CR6383
Date of Registration : 11/07/2018
Month & Year of Manufacturing : December-2017
Valid Mobile Number : *****1728
Emission Norms : BHARAT STAGE IV
Fuel : PETROL
PUC Code : MH0430064
GSTIN :
Fees : Rs.125.00
MIL observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm

Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)	0.3	0.02
	Hydrocarbon, (THC/HC)	ppm	200.0	48.0
High idling emissions	CO	percentage (%)	0.2	0.02
	RPM	RPM	2500 ± 200	2400.0
Smoke Density	Lambda	-	1 ± 0.03	0.99
	Light absorption coefficient	1/metre		

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC Operator
60mm x 20 mm

Form 59
[See rules 115 (2)]

Pollution Under Control Certificate
Authorised By :
Government of Maharashtra

Date : 10/12/2024
Time : 13:36:06 PM
Validity upto : 09/06/2025

Certificate SL No. : MH04300130014131
Registration No. : MH46F6296
Date of Registration : 05/Jun/2014
Month & Year of Manufacturing : January-2014
Valid Mobile Number : *****0949
Emission Norms : BHARAT STAGE III
Fuel : DIESEL
PUC Code : MH0430013
GSTIN :
Fees : Rs.150.00
MIL observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm

Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)	2500 ± 200	
	RPM	RPM		
Smoke Density	Lambda	-	1 ± 0.03	
	Light absorption coefficient	1/metre	2.45	0.33

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC Operator
60mm x 20 mm

Form 59
[See rules 115 (2)]

Pollution Under Control Certificate
Authorised By :
Government of Maharashtra

Date : 07/11/2024
Time : 12:26:28 PM
Validity upto : 06/05/2025

Certificate SL No. : MH0401070016833
Registration No. : MH46AR4978
Date of Registration : 04/Aug/2016
Month & Year of Manufacturing : April-2016
Valid Mobile Number : *****066
Emission Norms : BHARAT STAGE III
Fuel : DIESEL
PUC Code : MH040107
GSTIN :
Fees : Rs.150.00
MIL observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm

Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)	2500 ± 200	
	RPM	RPM		
Smoke Density	Lambda	-	1 ± 0.03	
	Light absorption coefficient	1/metre	2.45	0.33

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC Operator
60mm x 20 mm

Form 59
[See rules 115 (2)]

Pollution Under Control Certificate
Authorised By :
Government of Maharashtra

Date : 06/08/2024
Time : 12:58:52 PM
Validity upto : 05/02/2025

Certificate SL No. : MH04300800011944
Registration No. : MH43BU8741
Date of Registration : 12/Feb/2021
Month & Year of Manufacturing : November-2016
Valid Mobile Number : *****888
Emission Norms : BHARAT STAGE III
Fuel : DIESEL
PUC Code : MH0430080
GSTIN :
Fees : Rs.150.00
MIL observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm

Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)	2500 ± 200	
	RPM	RPM		
Smoke Density	Lambda	-	1 ± 0.03	
	Light absorption coefficient	1/metre	2.45	0.61

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC Operator
60mm x 20 mm