

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department, Room No. 217, 2nd floor, Mantralaya, Annexe, Mumbai- 400 032. Date:November 10, 2020

To.

Mr. Sushil Agarwal

at S. No. 56, Hissa No. 8,9 (P), 10 (P), Katraj Kondhwa Road, Kondhawa Budruk, Pune 411048

Subject: Environment Clearance for Minor Modernization in previous EC

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-III, Maharashtra in its 112th meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 210th meetings.

2. It is noted that the proposal is considered by SEAC-III under screening category 8a (B2) as per EIA Notification 2006.

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

1.Name of Project	Gagan Unnati		
2.Type of institution	Private		
3.Name of Project Proponent	Mr. Sushil Agarwal		
4.Name of Consultant	NA		
5.Type of project	Housing Project		
6.New project/expansion in existing project/modernization/diversification in existing project	Minor Modernization in existing project		
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Environmental Clearance is obtained for existing project vide No. SEIAA - EC - 000000206 dated 12 March 2018 for 46557.9 sq.m		
8.Location of the project	S. No. 56, Hissa No. 8,9 (P) , 10 (P) , Katraj Kondhwa Road , Kondhawa Budruk, Pune 411048		
9.Taluka	Haveli		
10.Village	NA		
Correspondence Name:	Mr. Mitesh Shah		
Room Number:	15/B		
Floor:	2nd		
Building Name:	Wellesley Court		
Road/Street Name:	Wellesley Road		
Locality:	Camp		
City:	Pune		
11.Whether in Corporation / Municipal / other area	PMC		
	Yes		
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Sanction Plan is approved from PMC vide No. CC/1516/18 dated 16.08.2018		
	Approved Built-up Area: 48672.71		

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Secretary SEIAA)

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13.Note on the initiated work (If applicable)	Total Constructed work 46356.81 sq.m as per sanction plan vide no. CC/1516/18 dated 16.08.2018			
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA			
15.Total Plot Area (sq. m.)	AS per previous EC - 23400 sq.m, Total - 23400 sq.m			
16.Deductions	AS per previous EC - 11323.63 sq.m, Total - 11323.63 sq.m			
17.Net Plot area	AS per previous EC - 12076.37 sq.m, Total - 12076.37 sq.m			
	FSI area (sq. m.): 24178.14 sq.m			
18 (a).Proposed Built-up Area (FSI & Non-FSI)	Non FSI area (sq. m.): 24744.15 sq.m			
	Total BUA area (sq. m.): 48922.29			
	Approved FSI area (sq. m.): 23931.14 sq.m			
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 24741.57 sq.m			
	Date of Approval: 16-08-2018			
19.Total ground coverage (m2)	As per previous EC - 3951.71 sq.m, Total - 2098.92 sq.m			
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	As per previous EC - 16.88 %, Total - 17.38 % sq.m			
21.Estimated cost of the project	80000000			



	22.Production Details								
Serial Number	Product	Existing (MT/N	A) Proposed (MT/M)	Total (MT/M)					
1	NA	NA	NA	NA					
	2	3.Total Wa	ater Requireme	nt					
	Source of	water PMC							
Fresh water (CMD): Recycled water -		er (CMD): As per	previous EC - 114 KLD, To	tal - 121 KLD					
	Recycled w Flushing (previous EC - 73 KLD, Tota	al - 78 KLD					
	Recycled w Gardening		previous EC - 13 KLD, Tota	al - 13 KLD					
	Swimming make up (previous EC - 2 KL , Total -	2 KL					
Dry season:	Total Wate Requireme :		previous EC - 200 KLD, To	tal - 212 KLD					
	Fire fightin Undergrou tank(CMD	nd water As per	As per previous EC - 300 KLD, Total - 300 KLD						
	Fire fightin Overhead v tank(CMD)	water As per	As per previous EC - 20 KLD/building, For MHADA - 10 KLD , Total - 20 KLD/building, For MHADA - 10 KLD						
Excess treated water			As per previous EC - 89 KLD, Total - 92 KLD						
	Source of								
	Fresh water	7 727	previous EC - 114 KLD, To	tal - 121 KLD					
	Recycled w Flushing (As per previous EC - 73 KLD, Total - 78 KLD						
	Recycled w Gardening	(CMD):	NA						
	Swimming make up (As per previous EC - 2 KL , Total - 2 KL						
Wet season:	Total Wate Requireme	ent (CMD) As per	As per previous EC - 187 KLD, Total - 199 KLD						
	Fire fightin Undergrou tank(CMD	nd water As per	As per previous EC - 300 KLD, Total - 300 KLD						
	Fire fightin Overhead v tank(CMD	water As per	As per previous EC - 20 KLD/building, For MHADA - 10 KLD , Total - 20 KLD/building, For MHADA - 10 KLD						
	Excess trea	ated water As per	previous EC - 103 KLD, To	tal - 105 KLD					

Dimension of Main Swimming Pool: 12 m X 6 m X 1.2 m

Area of Main Swimming pool - 72 sq.m Total water Requirement in KL: - 85 KL Water requirement for make up in KLD: 2 KLD

Details of Plant & Machinery used for treatment of Swimming pool water: High rate sand filter, multi-port valve, hair & lint strainers, pump, floor drains, vacuum points, & floor inlets.

Details of quality to be achieved for swimming pool water and parameters to be monitored:

Details of Swimming pool (If any)

Sr. No. Characteristics Values

1 pH Value 7.2 to 7.5

2 Total alkalinity (as CaCO3), mg/l 50 to 500 mg/l

3 Aluminium (As Al), mg/l 0.1

4 Total residual chlorine, mg/l

a) Inlet max 0.5 mg/l

b) Outlet min 0.2 mg/l

5 Total dissolved solids, mg/l 1500 mg/l

6 Chlorides (as Cl), mg/l 500

7 Colour, Hazen Units 10

8 Turbidity, NTU 10

9 Coli forms (MPN) <10 per 100 ml



Cardening 13 KLD NA 13 KLD NA 13 KLD NA NA NA NA NA NA NA N												
Water Require ment Existing Proposed Total Existing Pr			2	4.Detai	ls of Tot	al water	consume	ed				
Regulte ment Existing Proposed Total Existing Proposed Total Existing Proposed Total		Consumption (CMD)				Loss (CMD))	Effluent (CMD)				
### Water requirement 114 KLD 4 KLD 121 KLd 11 KLD 0.4 KLD 12.1 KLD 103 KLD 3.7 KLD 108.9 KLD	Require	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Level of the Ground water table: Size and no of RWH tank(s) and Quantity: Location of the RWH tank(s): Quantity of recharge pits: Size of recharge pits: Size of recharge pits: Budgetary allocation (Capital cost): Budgetary allocation (Capital cost): Capacity of UCT for A.B.C.E building: Raw water tank: 52.95 KLD Treated water tank: 92.95 KLD Treated water tank: 93.00 KLD if any: Capacity of UCT for MHADA Raw Water tank: 8.1 KLD Treated water tank: 8.1 KLD	water requireme	114 KLD	4 KLD	121 KLd	11 KLD	0.4 KLD	12.1 KLD	103 KLD	3.7 KLD	108.9 KLD		
water table: Size and no of RWH tank(s) and Quantity	Gardening	13 KLD	NA	13 KLD	13 KLD	NA	13 KLD	NA	NA	NA		
water table: Size and no of RWH tank(s) and Quantity: Location of the RWH tank(s): Quantity of recharge pits: Size of recharge pits: Size of recharge pits: Size of recharge pits: Budgetary allocation (Capital cost): Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): Capacity of UGT for A,B,C,E building: Raw water tank - 52.95 KLD Treated water tank - 300 KLD Fire Fighting tank - 300 KLD Fire Fighting tank - 300 KLD Treated water tank - 8.1 KLD Treated water tan					M	M.						
tank(s) and Quantity: Location of the RWH tank(s): Quantity of recharge pits: Size of recharge pits: Size of recharge pits: 2 m x 1.2 m x 1 m Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): Capacity of UGT for A,B,C,E building: Raw water tank - 52.95 KLD Treated water tank - 195.9 KLD Fire Fighting tank - 300 KLD Capacity of UGT for MHADA Raw Water tank - 8.1 KLD Treated water tank - 8.1 KLD					6.6 m belo	ow ground	M					
25.Rain Water Harvesting (RWH) Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): Capacity of UGT for A,B,C,E building: Raw water tank - 52.95 KLD Treated water tank - 105.9 KLD Fire Fighting tank - 300 KLD if any: Capacity of UGT for MHADA Raw Water tank - 8.1 KLD Treated water tank - 8.1 KLD			tank(s) an		NA	त्राधिरमु	A. C	7				
25.Rain Water Harvesting (RWH) Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): Capacity of UGT for A,B,C,E building: Raw water tank - 52.95 KLD Treated water tank - 105.9 KLD Fire Fighting tank - 300 KLD Capacity of UGT for MHADA Raw Water tank - 8.1 KLD Treated water tank - 8.1 KLD				f the RWH	NA S	NA SECONDARY						
25.Rain Water Harvesting (RWH) Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): Capacity of UGT for A,B,C,E building: Raw water tank - 52.95 KLD Treated water tank - 105.9 KLD Treated water tank - 300 KLD Capacity of UGT for MHADA Raw Water tank - 8.1 KLD Treated water tank - 8.1 KLD				f recharge	25							
Harvesting (RWH) Budgetary allocation (O & M cost): Rs. 1.0 Lakh/yr. Capacity of UGT for A,B,C,E building: Raw water tank - 52.95 KLD Treated water tank - 105.9 KLD Fire Fighting tank - 300 KLD Capacity of UGT for MHADA Raw Water tank - 8.1 KLD Treated water tank - 105.9 KLD Treated water tank - 8.1 KLD	25 Rain V	Nater	Size of rec	harge pits	2 m x 1.2 m x 1 m							
Budgetary allocation (O & M cost): Capacity of UGT for A,B,C,E building: Raw water tank - 52.95 KLD Treated water tank - 105.9 KLD Fire Fighting tank - 300 KLD Capacity of UGT for MHADA Raw Water tank - 8.1 KLD Treated water tank - 8.1 KLD Treated water tank - 8.1 KLD Treated water tank - 8.1 KLD Treated water tank - 105.9 KLD Topacity of UGT for MHADA Raw Water tank - 8.1 KLD Treated water tank - 105.9 KLD Topacity of UGT for MHADA Raw Water tank - 105.9 KLD Topacity of UGT for MHADA Raw Water tank - 105.9 KLD Topacity of UGT for MHADA Topacity of UGT for MHADA Raw Water tank - 105.9 KLD To	Harvestii				Rs. 10.0 L	Rs. 10.0 Lakh						
Details of UGT tanks if any: Raw water tank - 52.95 KLD Treated water tank - 105.9 KLD Fire Fighting tank - 300 KLD Capacity of UGT for MHADA Raw Water tank - 8.1 KLD Treated water tank - 8.1 KLD Treated water tank - 8.1 KLD Treated water tank - 8.1 KLD Treated water tank - 105.9 KLD Topacity of UGT for MHADA Raw Water tank - 8.1 KLD Treated water tank - 105.9 KLD Topacity of UGT for MHADA Raw Water tank - 8.1 KLD Treated water tank - 105.9 KLD Topacity of UGT for MHADA Raw Water tank - 8.1 KLD Treated water tank - 105.9 KLD Topacity of UGT for MHADA Raw Water tank - 105.9 KLD Topacity of UG	(11111)				Rs. 1.0 La	kh/yr.		G.				
Treated water tank - 8.1 KLD Natural water drainage pattern: Quantity of storm water: 10,000 Kl/yr.				UGT tanks	Raw water tank - 52.95 KLD Treated water tank - 105.9 KLD Fire Fighting tank - 300 KLD							
26.Storm water drainage pattern: As per contour	Covo											
26.Storm water drainage pattern: As per contour				VI F								
drainage Water: 10,000 Kl/yr.	20.01				As per con	As per contour						
Size of SWD:	drainage			f storm	10,000 Kl	/yr.	m	ra				
Size of SWB.			Size of SW	D:	300 mm	GI U						

	Sewage generation in KLD:	As per previous EC - 159 KLD , Total - 167 KLD	
	STP technology:	FAB	
27.Sewage and Waste water	Capacity of STP (CMD):	STP 1 - 160 KLD , STP 2 - 20 KLD	
	Location & area of the STP:	Please refer Service Layout	
	Budgetary allocation (Capital cost):	Rs. 40 Lakh	
	Budgetary allocation (O & M cost):	Rs. 8.0 Lakh/yr.	



	28.Soli	d waste Management
Waste generation in	Waste generation:	1 % of raw material
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Excavated earth material will be used for filling a material for plinth area and top soil for landscaping
	Dry waste:	As per previous EC - 238 kg/day, Total - 281 kg/day
	Wet waste:	As per previous EC - 344 kg/day, Total - 382 kg/day
Waste generation	Hazardous waste:	NA
in the operation Phase:	Biomedical waste (If applicable):	NA
11450	STP Sludge (Dry sludge):	27.5 kg/day
	Others if any:	E waste - Residential - 590 kg/yr. Commercial - 475 kg/yr.
	Dry waste:	Through authorized vendour - SWaCH
	Wet waste:	Through mechanical composter
	Hazardous waste:	NA
Mode of Disposal of waste:	Biomedical waste (If applicable):	NA O
	STP Sludge (Dry sludge):	27.5 kg/day
	Others if any:	NA
	Location(s):	Please refer service layout
Area requirement:	Area for the storage of waste & other material:	56.82 sq.m
	Area for machinery:	13.18 sq.m
Budgetary allocation (Capital cost and	Capital cost:	Rs. 15 Lakh
O&M cost):	O & M cost:	Rs. 6.0 Lakh/yr.

29.Effluent Charecterestics							
Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)		
1	pН		7.0 - 8.5	6.5 - 7.5			
2	COD	mg/lit	300 - 400	less than 30	Not to exceed 100 mg/ lit.		
3	BOD	mg/lit	250 - 300	less than 5	Not to exceed 10 mg/ lit.		
4	TSS	mg/lit	350 - 450	less than 5	Not to exceed 50 mg/ lit.		
5	Oil & Grace	mg/lit	10	less than 5			
6	TDS	mg/lit	TY KHAY IL	less than 1000			
7	Total Nitrogen	mg/lit	40 - 50	less than 10			
8	Amonical Nitrogen	mg/lit	204 - 300	less than 1			
9	Total Phosphate	mg/lit	205 - 300	less than 2			
10	Feacal Coliform	MPN/ 100 ml	10^6/100	N.D			
Amount of e	effluent generation	NA		3			
Capacity of	the ETP:	NA	-1400) 7 %			
Amount of trecycled:	reated effluent	NA					
Amount of v	water send to the CETP:	NA		发展			
Membershij	p of CETP (if require):	NA		KK			
Note on ET	P technology to be used	NA		DA AT			
Disposal of	the ETP sludge	NA	> 0	4 3			

30.Hazardous Waste Details										
Serial Number	Descr	ription	Cat	UOM	Existing	Proposed	Total	Method of Disposal		
1	1	NΑ	NA	NA	NA	NA	NA	NA		
31.Stacks emission Details										
Serial Number	r Section & units Fuel Us Quan		sed with ntity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases			
1	1	NΑ	N	ſΑ	NA	NA	NA	NA		
	32.Details of Fuel to be used									
Serial Number	Ty	pe of Fuel	M	Existing		Proposed		Total		
1		LSD	477	42.6 lit./hr	118 00	NA	42.6	6 lit./hr @ 75 % loading		
33.Source o	f Fuel	X	NA		3/	S. V.	/>			
34.Mode of	Transporta	tion of fuel to	site NA	2	الم	39.	34			
			E			3	0			
		图	F A	35.E	nergy	1 3	E			
		Source of particular supply:	power	MSEDCL	129	9	6			
		During Cor Phase: (De Load)	nstruction emand	75 KW		也多	NA STATE OF THE PARTY OF THE PA			
		DG set as Power back-up during construction phase		62.5 KVA						
		During Operation phase (Connected load):		2119 KW						
Pov require	_	During Operation phase (Demand load):		1038 KW						
		Transform	er:	630 KVA x 2 No.						
		DG set as I back-up du operation	during 250 KVA X 1 No. 45 KVA X 1 No.							
		Fuel used:		For 250 KV	/A - 42.6 Lit.	/hr. & for 45	KVA - 8.7 L	it. / hr. @ 75 % loading		
		Details of tension linthrough thany:	e passing	NA TO SILLIO						
		Energ	gy saving	j by non	-convent	ional me	thod:			
 Use of CF Solar pow Electronic	 Auto Timer control for external & Common lighting Use of CFL / LED lamps in all public & common areas Solar powered water heating Electronic V3F Drives for Elevators Solar PV panel power for common area lighting 									
		3	6.Detail	calculat	ions & %	of savin	g:			
Serial Number	I	Energy Cons				·	Saving	%		
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1		Solar PV panels	;	20250 KWH/ Anum			
2		Timer logic contro	ller	79169 KWH/Anum			
3	Electronic V3F drive for lifts			26684 KWH/Anum			
4	Solar Water Heater			410640 KWH/Anum			
5	Total Saving			536743 KWH/Anum (17.18 %)			
	37.Details of pollution control Systems						
Source	Existing pollution control system			Proposed to be installed			
Sewage generation	STP			STP			
Wet Garbage		OWC	MAN	OWC			
Budgetary		Capital cost:	Rs. 71 Lakh	U777-			
(Capital cost and O&M cost):		O & M cost:	Rs. 3.5 Lakh/yr.	57 - SM			

38. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

		7	
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Erosion control	Dust suppression measures & Barricades	2.0
2	Site Safety	Nets & Barricades	3.0
3	Site sanitation	Provide public toilets	1.5
4	Disinfection & Health check up	Health check up camp for labours	2.0
5	Environmental Monitoring	Air, Water , Noise monitoring	1.0

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)				
1	STP (including external drainage connection)	To treat waste water	40.0	6 8.0				
2	Rain water harvesting	To save water	10.0	1.0				
3	Solid waste management	Wet waste convert it into manure & dry waste disposed off through vendor	15.0	6.0				
4	Storm water networking	Collection of rain water	15.0	1.0				
5	Swimming Pool		25.0	5.0				
6	Landscape development	To maintain greenary	16.0	9.0				
7	Energy Saving	To save Electrical energy	71.0	3.5				
8	Environmental Monitoring	Monitoring of Air, Water , Noise		1.6				
9	Safety training & awarness	Safety Training for labour	5.0					

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39. Storage of chemicals (inflamable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA

40.Any Other Information

No Information Available



CRZ/ RRZ clearance obtain, if any:	NA
Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
Category as per schedule of EIA Notification sheet	8a (B2)
Court cases pending if any	NA
Other Relevant Informations	NA NA
Have you previously submitted Application online on MOEF Website.	Yes
Date of online submission	10-04-2017

3. The proposal has been considered by SEIAA in its 210th meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:

Specific Conditions:

I	PP to ensure that CER plan gets approved from Municipal Commissioner.	
II	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.	
Ш	SEIAA after deliberation decided to grant EC for-FSI- 23931.14 m2, Non-FSI- 24744.15 m2 Total BUA-48675.29 m2. (IOD- CC/1516/18, Dated 16/08/2018)	

General Conditions:

E-waste shall bedisposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.		
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.		
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.		
PP has to abide by the conditions stipulated by SEAC& SEIAA.		
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.		
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.		
All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.		
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.		
The solid waste generated should be properly collected and segregated. dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.		



x	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.		
XI	Arrangement shall be made that waste water and storm water do not get mixed.		
XII	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.		
XIII	Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.		
XIV	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.		
XV	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.		
XVI	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.		
XVII	Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.		
XVIII	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.		
XIX	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.		
XX	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.		
XXI	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.		
XXII	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).		
XXIII	Ready mixed concrete must be used in building construction.		
XXIV	Storm water control and its re-use as per CGWB and BIS standards for various applications.		
XXV	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.		
XXVI	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.		
XXVII	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated affluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Discharge of this unused treated affluent, if any should be discharge in the sewer line. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.		
XXVIII	Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.		
XXIX	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.		
XXX	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.		
XXXI	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.		
XXXII	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.		
XXXIII	Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.		

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XXXIV	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.		
XXXV	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.		
XXXVI	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.		
XXXVII	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.		
XXXVIII	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.		
XXXIX	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.		
XL	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.		
XLI	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.		
XLII	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.		
XLIII	Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.		
XLIV	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.		
XLV	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.		
XLVI	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.		
XLVII	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.		
XLVIII	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.		
XLIX	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://ec.maharashtra.gov.in.		
L	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.		
LI	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.		
LII	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO2, NOx (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.		
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The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.



Government of Maharashtra

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- 4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.
- 5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.
- 6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.
- 7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.
- 8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
- 9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.
- 10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1stFloor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

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Manisha Patankar Mhaiskar (Member Secretary SEIAA)

Copy to:

- 1. SECRETARY MOEF & CC
- 2. IA- DIVISION MOEF & CC
- 3. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
- 4. REGIONAL OFFICE MOEF & CC NAGPUR
- 5. MUNICIPAL COMMISSIONER PUNE
- 6. MUNICIPAL COMMISSIONER SATARA
- 7. REGIONAL OFFICE MPCB PUNE
- 8. REGIONAL OFFICE MIDC PUNE
- 9. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
- 10. COLLECTOR OFFICE PUNE
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- 12. COLLECTOR OFFICE SOLAPUR

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