



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date: March 13, 2020

To,
**Mr. Satish Kashinath Zhade & Mr. Sanjiv Rajaram Kusalkar at Gat no. 82/1, 82/3 of Village Mauje Dhayari ,
Tal- Haveli , Dist- Pune**
at Gat no. 82/1, 82/3 of Village Mauje Dhayari , Tal- Haveli , Dist- Pune

Subject: Environment Clearance for Stone Quarry Minor Mineral Project (5.50 Ha for mining activity) of Mr. Satish Kashinath Zhade & Mr. Sanjiv Rajaram Kusalkar at Gat no. 82/1, 82/3 of Village Mauje Dhayari , Tal- Haveli , Dist- Pune @ 127500 TPA

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-I, Maharashtra in its 168th 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 190th meetings.


2. It is noted that the proposal is considered by SEAC-I under screening category NA as per EIA Notification 2006.

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

1.Name of Project	Stone Quarry Minor Mineral Project (5.50 Ha for mining activity)
2.Type of institution	Private
3.Name of Project Proponent	Mr. Satish Kashinath Zhade & Mr. Sanjiv Rajaram Kusalkar at Gat no. 82/1, 82/3 of Village Mauje Dhayari , Tal- Haveli , Dist- Pune
4.Name of Consultant	Dr. Prashant Banne of M/s. Sneha Hi-tech Products, Bangalore
5.Type of project	NA
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No
8.Location of the project	Gat no. 82/1, 82/3 of Village Mauje Dhayari , Tal- Haveli , Dist- Pune
9.Taluka	Tal- Haveli
10.Village	Mauje Dhayari: Latitude and Longitude (1) 18 25 22.05; 73 48 38.96 (2) 18 25 21.97; 73 48 46.17 (3) 18 25 11.95; 73 48 50.64 (4) 18 25 10.67; 73 48 48.78 (5) 18 25 16.44; 73 48 42.33
Correspondence Name:	Mr. Satish Kashinath Zhade, C/o- Shri Swami Sadguru Stone Crusher, Sr. No. 1814/10, Near Shree Swami Shankar petrol Pump, Khadakwasla, Pune - 411 024
Room Number:	NA
Floor:	NA
Building Name:	NA
Road/Street Name:	NA
Locality:	Khadakwasla
City:	Pune - 411 024
11.Whether in Corporation / Municipal / other area	Other area: Private Land

SEIAA Meeting No: 190 Meeting Date: March 5, 2020 (SEIAA-STATEMENT-000002938)
SEIAA-MINUTES-0000003113
SEIAA-EC-0000002172

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Shri. Anil Diggikar (Member Secretary SEIAA)

12.IOD/IOA/Concession/Plan Approval Number	NA .. it is minor mineral proposal hence Mining Plan approved by Dy. Director (Regional Head), Directorate of Geology & Mining, Govt of Maharashtra, Kolhapur
	IOD/IOA/Concession/Plan Approval Number: Mining Plan approval no. MIN.Adn/538/II/2019/164 Dtd 01.02.2019
	Approved Built-up Area: 00
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Mining Plan approval no. MIN.Adn/ 538/II/2019/164 Dtd 01.02.2019
15.Total Plot Area (sq. m.)	NA : (5.50 Ha Lease area)
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): Not applicable
	Non FSI area (sq. m.): Not applicable
	Total BUA area (sq. m.): 00
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Not applicable
	Approved Non FSI area (sq. m.): Not applicable
	Date of Approval: 01-02-2019
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	70000000

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22. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Basalt (Stone Metal) : Minor Mineral	0	10625	10625

23. Total Water Requirement

Dry season:	Source of water	Private Water Tanker
	Fresh water (CMD):	14.0
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	14.0
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Wet season:	Source of water	Not applicable
	Fresh water (CMD):	Not applicable
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	Not applicable
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	

24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	2.0	2.0	0	0.4	0.4	0	1.6	1.6
Industrial Process	0	10.0	10.0	0	10.0	10.0	0	0	0
Gardening	0	2.0	2.0	0	2.0	2.0	0	0	0
Fresh water requirement	0	14.0	14.0	0	12.4	12.4	0	1.6	1.6

25.Rain Water Harvesting (RWH)	Level of the Ground water table:	Average water level of the project area is 30 m from surface.
	Size and no of RWH tank(s) and Quantity:	Garland drains will be made along the periphery of the top bench.
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	NA : It is part of the stone quarry activity
	Budgetary allocation (O & M cost) :	NA : It is part of the stone quarry activity
	Details of UGT tanks if any :	NA

26.Storm water drainage	Natural water drainage pattern:	There is no natural drain. However, the storm water due to rainfall will be channelized to the natural water courses like gullies and depression through appropriate drainage system with check bunds.
	Quantity of storm water:	NA
	Size of SWD:	NA

27.Sewage and Waste water	Sewage generation in KLD:	1.6
	STP technology:	NA : Septic tank followed by soak pit will be provided
	Capacity of STP (CMD):	NA
	Location & area of the STP:	NA
	Budgetary allocation (Capital cost):	NA : It is part of the stone quarry activity
	Budgetary allocation (O & M cost):	NA : It is part of the stone quarry activity

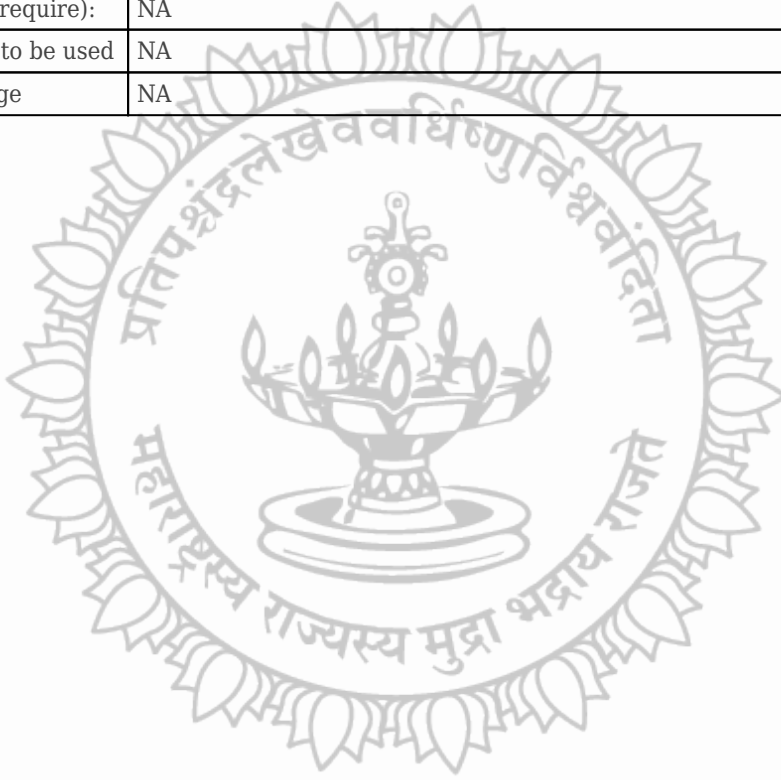
28.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	NA
	Disposal of the construction waste debris:	NA
Waste generation in the operation Phase:	Dry waste:	The overburden and waste material will be used for green belt development and back-filled in the pit itself.
	Wet waste:	Sludge generated from septic tank
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	The overburden and waste material will be used for green belt development and back-filled in the pit itself.
	Wet waste:	Sludge generated from septic tank will be used as a manure for gardening
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	Location(s):	NA
	Area for the storage of waste & other material:	NA
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	NA : It is part of the stone quarry activity
	O & M cost:	NA : It is part of the stone quarry activity

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29.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	NA	NA	NA	NA	NA
Amount of effluent generation (CMD):		NA			
Capacity of the ETP:		NA			
Amount of treated effluent recycled :		NA			
Amount of water send to the CETP:		NA			
Membership of CETP (if require):		NA			
Note on ETP technology to be used		NA			
Disposal of the ETP sludge		NA			



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30.Hazardous Waste Details							
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	NA	NA	NA	NA	NA	NA	NA
31.Stacks emission Details							
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	NA	NA	NA	NA	NA	NA	
32.Details of Fuel to be used							
Serial Number	Type of Fuel	Existing	Proposed	Total			
1	Diesel	00	150-200 Lit/Day	150-200 Lit/Day			
33.Source of Fuel		Nearby Fuel Stations					
34.Mode of Transportation of fuel to site		By road					
35.Energy							
Power requirement:	Source of power supply :	MSEDCL					
	During Construction Phase: (Demand Load)	NA					
	DG set as Power back-up during construction phase	NA					
	During Operation phase (Connected load):	NA					
	During Operation phase (Demand load):	NA					
	Transformer:	NA					
	DG set as Power back-up during operation phase:	NA					
	Fuel used:	NA					
	Details of high tension line passing through the plot if any:	NA					
Energy saving by non-conventional method:							
NA							
36.Detail calculations & % of saving:							
Serial Number	Energy Conservation Measures			Saving %			
1	NA			NA			
37.Details of pollution control Systems							

Source	Existing pollution control system	Proposed to be installed
Waste Water	NA	Septic Tank followed by Soak Pits
Dust during material handling	NA	Water sprinkling on Haul roads and Green Belt Development
Noise	NA	Appropriate PPE's will be provides to workers, Green belt development
Solid Waste	NA	The top soil will be used for Green Belt Development, Overburden in the form of murum will be Back filled in the
Storm Water	NA	Garland drains will be provided to maintain proper drainage of Storm water

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	NA
	O & M cost:	NA

38.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	NA	NA	NA

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air Pollution Control	Dust Suppression, Black topping of approach roads, Sprinkling of water on quarry and haul roads	3.50	1.00
2	Water Pollution Control	Septic Tank followed by Soak Pits, garland drain, Boulder Check plug, Stone hedge wall around the lease area	1.75	0.50
3	Water Pollution Control	Preventive Maintenance of all heavy machinery, Appropriate PPE's will be provides to workers	1.50	0.50
4	Green Belt Development	Plantation shall be done as per CPCB guidelines	1.25	0.50
5	Occupational health and safety	Fire Fighting Equipments (portable), Personnel protection equipments (goggles , gloves, helmets, dust mask, safety shoes), Periodic health check ups of workers	1.25	0.75

6	Environmental Monitoring Program, Half Yearly Compliance	Regular monitoring for ambient air, noise, surface water, ground water	Nil	2.00
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39.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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

40.Any Other Information

No Information Available



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	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	NA
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

3. The proposal has been considered by SEIAA in its 190th 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 develop 7.5 meter wide green belt along the periphery in the safety zone, the mined pits will be created as water reservoirs with all necessary safety provisions.
II	PP to appoint qualified fore man as a Mine Manager approved by Director General of Mines to ensure safety of the staff/labors appointed at mine site.
III	PP to prepare adequate capacity approach roads to the proposed mine area so as to ensure safe plying of the heavy vehicles engaged on mine site for transport of mined material and to avoid any unforeseen accident.
IV	PP to provide movable toilets/ bio toilets to the workers working in the area and the sewage generated shall be properly collected and treated so as to confirm to the standards prescribed by MoEF&CC and CPCB.
V	PP to provide First Aid facility at the proposed mining site.
VI	PP to implement mine closure plan as approved by the competent Authority. PP to provide dry wall of around one meter along with barbed wire fencing to the mining lease area to ensure safety of animals and humans.
VII	PP along with revenue and forest department shall conduct a joint tree survey and if any trees needs to be cut PP shall ensure compensatory afforestation is to be done as per prevailing rules with the help of Forest Department. PP to transplant the trees to be cut within the non-mine area of the proposed plot.
VIII	PP to obtain all necessary NOC's/Permissions from the competent Authority before commencing any work on proposed site.
IX	PP to ensure that no mining shall be done below the depth as approved in the mining plan.
X	PP to ensure that, the quarrying is proposed above the level of aquifer to avoid the ground water contamination/degradation of water quality of aquifer. PP to take adequate measures/precautions to avoid contamination /degradation of ground water.
XI	PP to ensure no stream is diverted due to proposed quarrying activity.
XII	PP to ensure that mining/ loading activity shall be restricted to day hours' time only. No mining activity shall be carried out after sunset and before sun rise.
XIII	PP to provide adequate channels to guide the rain water to reach the mined pit and to avoid any unforeseen incident.
XIV	PP to adhere to the provisions stipulated Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013, guidelines issued by MoEF&CC and any other legal requirements as applicable to the proposed activity.
XV	PP to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector should strictly monitor the compliance of the conditions stipulated in the Environment Clearance letter.
XVI	PP to ensure that there is no damage to any fauna and its nesting close to the proposed mining area.

XVII	PP to ensure that, the overburden be stored on site and shall be used for refilling of mine pit.
XVIII	PP to ensure that adequate measures like maintenance of roads, sprinkling of water and plantation is carried out to reduce the dust particulate matter pollution.
XIX	PP to ensure that parking shall not be made on Public roads. Parking shall be on pre decided place only.
XX	The transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
XXI	PP to prepare and implement CER plan in consultation with the District Authority as per OM issued by MoEF&CC on 01.05.2018.
XXII	PP to submit undertaking for not having any Eco sensitive area within 5 km of the proposed mine area.
XXIII	PP to ensure additional air quality monitoring station around the periphery of village.
XXIV	No hill cutting should be allowed during the quarrying.
XXV	Blasting, crushing and transportation of crushed material should be carried out under covered conditions to avoid any kind of dust pollution.
XXVI	PP shall employ dust suppression measures by use of water sprinklers, foggers etc.
XXVII	The PP shall undertake 2 rows of tree plantation along the lease boundary. Dust absorbing trees shall be planted.

General Conditions:

I	(i)PP to achieve Zero Liquid Discharge ; PP shall ensure that there is no increase in the effluent load to CETP.
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II

1. PP to develop 7.5 meter wide green belt along the periphery in the safety zone, the mined pits will be created as water reservoirs with all necessary safety provisions. 2. PP to appoint qualified fore man as a Mine Manager approved by Director General of Mines to ensure safety of the staff/labors appointed at mine site. 3. PP to prepare adequate capacity approach roads to the proposed mine area so as to ensure safe plying of the heavy vehicles engaged on mine site for transport of mined material and to avoid any unforeseen accident. 4. PP to prepare adequate capacity approach roads to the proposed mine area so as to ensure safe plying of the heavy vehicles engaged on mine site for transport of mined material and to avoid any unforeseen accident. 5. PP to provide First Aid facility at the proposed mining site. 6. PP to implement mine closure plan as approved by the competent Authority. PP to provide dry wall of around one meter along with barbed wire fencing to the mining lease area to ensure safety of animals and humans. 7. PP to obtain all necessary NOC's/Permissions from the competent Authority before commencing any work on proposed site. 8. PP to ensure that, the mining is proposed above the level of aquifer to avoid the ground water contamination/degradation of water quality of aquifer. PP to take adequate measures/precautions to avoid contamination /degradation of ground water. 9. PP to ensure no stream is diverted due to proposed quarrying activity. 10. PP to ensure that mining/ loading activity shall be restricted to day hours' time only. No mining activity shall be carried out after sunset and before sun rise. 11. PP to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector should strictly monitor the compliance of the conditions stipulated in the Environment Clearance letter. 12. PP to ensure that there is no damage to any fauna and its nesting close to the proposed mining area. In case of any scheduled animal exists PP to prepare and implement its conservation plan duly approved by the competent Authority. 13. PP to ensure that adequate measures like maintenance of roads, sprinkling of water and plantation is carried out to reduce the dust particulate matter pollution. 14. PP to ensure that parking shall not be made on Public roads. Parking shall be on pre decided place only. 15. The transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded. 16. PP to prepare and implement CER plan in consultation with the District Authority as per OM issued by MoEF&CC on 01.05.2018. 17. PP to ensure additional air quality monitoring station around the periphery of village. 18. No hill cutting should be allowed during the quarrying. 19. Blasting, crushing and transportation of crushed material should be carried out under covered conditions to avoid any kind of dust pollution. 20. Blasting, crushing and transportation of crushed material should be carried out under covered conditions to avoid any kind of dust pollution. 21. The PP shall undertake 2 rows of tree plantation along the lease boundary. Dust absorbing trees shall be planted. 22. No additional land shall be used /acquired for any activity of the project without obtaining proper permission. 23. PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment. 24. Proper Housekeeping programmers shall be implemented. 25. In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved. 26. A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water. 27. Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided. 28. Green belt shall be developed & maintained around the periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept. 29. Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required, if any, in the on-site management plan shall be ensured. 30. A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards. 31. 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 32. 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. 33. 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. 34. 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 sectoral 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. 35. 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. 36. 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, and amendments by MoEF&CC Notification dated 29th April, 2015.

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

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

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


Shri. Anil Diggikar (Member Secretary SEIAA)

Copy to:

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