

## STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

SEAC- 2014/CR-85/TC-2

Environment department

Room No. 217, 2<sup>nd</sup> floor,

Mantralaya Annex,

Mumbai- 400 032.

Dated: 04 June, 2016.

To,  
M/s. Clean Science & Technology Pvt. Ltd.  
503, 5th floor, Pentagon Tower 4,  
Magarpatta City, Hadapsar, Pune- 411 013.

Subject: Environment clearance for expansion of existing Synthetic organic chemical plant from 5418MTA to 16550MTA at D28 MIDC Kurkumbh, Daund, Pune by M/s. Clean Science & Technology Pvt ltd.

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 105<sup>th</sup> meeting and decided to 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 89<sup>th</sup> & 96<sup>th</sup> meeting.

2. It is noted that the proposal is considered by SEAC-I under screening category 5(f) B1 as per EIA Notification 2006.

**Brief Information of the project submitted by Project Proponent is as:**

1	Name of the Project	M/s. Clean Science & Technology Pvt. Ltd. Expansion of Existing Synthetic Organic Chemical Plant at D-28, MIDC Kurkumbh, Tehsil Daund, District Pune, Maharashtra.
2	Project Proponent	Mr. Siddharth Ashok Sikchi.
3	Consultant	SMS Envocare Ltd.
4	Accreditation of consultant (NABET Accreditation)	QCI-NABET Accreditation For Sector 3,21,32, 36, 38
5	New Project / Expansion in existing project/ Modernization/ Diversification in exiting project	Expansion

6	If expansion/ Diversification, whether environmental clearance has been obtained for existing project (If yes, enclose a copy with compliance table)	NA As the Production capacity was not exceeding as per EIA Notification, 2006				
7	Activity schedule in the EIA Notification	Category 'B' Project Activity No. 5(f)				
8	Area Details	Total area in possession: 30,000 sq. m. Existing Built Up Area: 12,450.08 Sq. m. (As per BCC by MIDC. Letter No. DE/KUR/PA/B53205/ of 2014) Proposed Built Up Area: 4,478.93 Sq. m. (Within Existing Area) Total built-up area: 16,929.01 Sq. m. Area available for green belt: 8,520 sq. m.				
9	Name of the Notified Industrial area / MIDC area	D-28, Kurkumbh MIDC, Tehsil Daund, District Pune, Maharashtra.				
10	TOR given by SEAC? (If yeas then specify the meeting)	92nd SEAC-I Meeting dated 22nd Dec.2014 Sr. No. 11				
11	Estimated capital cost of the Project (including cost for land, building, plant and machinery separately)	S. No.	Fixed Assets	Existing Amount (Rs in Lakhs)	Proposed Amount (Rs in Lakhs)	Total Cost in Lakhs
		1	Land & Land development	36.47	70.00	106.47
		2	Building/Pre-mises	971.37	400.00	1371.37
		3	Plant & Machinery/Equipment	3,447.15	1,800.00	5247.15
		4	Furniture & Fixture	55.66	25.00	80.66
		5	Any other movable/immoveable fixed assets	423.85	200.00	623.85
		Cost of total fixed assets		4,934.50	2,495.00	7429.5
12	Location details of the project	<ul style="list-style-type: none"> <li>• Longitude: 18024'13.92"N</li> <li>• Location: 74031'02.63" E</li> <li>• Elevation above Mean Sea Level (meters): 627.27</li> <li>• Refer Annexure I : Location Plan</li> </ul>				
13	Distance from Protected Areas /	There is no Protected Areas / Critically Polluted areas /				

	Critically Polluted areas / Eco-sensitive areas / inter-State boundaries	Eco-sensitive areas / inter-State boundaries falling within the project site Project is located in Kurkumbh MIDC, Pune area.				
14	Raw materials (Including process chemicals, catalysts, & additives).	List of raw materials to be used	Physical and chemical nature of raw material	Quantity (tones/year) full production capacity	Source of materials	Means of transport at (Source to storage site) with justification
Information attached in Annexure II : Raw material details						
15	Production details	Name of Products, By products & Intermediate Products	Existing (T/Year)	Proposed activity (Expansion) (T/Year)	Total (T/Year)	
		Hydroquinone / Catechol / MEHQ / Guaiacol	3,500 MT/yr		8,400	
		4-Methoxy Acetophenone / 4-Methoxy Propiophenone		7,900	3,000	
		Butylated Hydroxy Anisole (BHA)		1,800	1,800	
		Anisole		1,200	1,200	
		4-Methyl Catechol		100	100	
		Zeolite Catalyst		18	32	50
By-Products / Intermediate Products						
		10 % Phenol	1,500	(-) 1,400	100	
		Dimethyl carbonate (DMC)	0	650	650	
		Acetic Acid/ Propionic Acid	400	850	1,250	
		Total	5,418	11,132	16,550	

16	Process details / manufacturing details	For the details of manufacturing process refer Annexure III			
17	Rain Water Harvesting (RWH)	<ul style="list-style-type: none"> <li>Level of the ground water table</li> <li>• Size and no of RWH tank(s) and Quantity : 20 pits of 500 Liter capacity</li> <li>• Location of the RWH tank(s) : Rain water from all building gets collected in ponds</li> <li>• Size, no's of recharge pits and Quantity : No recharge pith provided</li> <li>• Budgetary allocation (Capital cost and O&amp;M cost): 15 Lakhs</li> </ul>			
18	Total Water Requirement	<p>Total water requirement: 589 CMD</p> <ul style="list-style-type: none"> <li>• Fresh water (CMD) &amp; Source: 589 CMD from Kurkumbh MIDC</li> <li>Use of the water</li> <li>• Process (CMD): 25</li> <li>• Cooling tower &amp; boiler feed (CMD): 500</li> <li>• DM Water (CMD): 20</li> <li>• Drinking (CMD): 24</li> <li>• Green belt (CMD): 20</li> <li>• Fire service (CMD): Storage 200 m2 as an when required</li> </ul> <p>Remark: In process Reduction, water will be generated during manufacturing process, which will be added in Waste Water Quantity as process water.</p>			
19	Storm water drainage	<p>Natural water drainage pattern</p> <ul style="list-style-type: none"> <li>• Quantity of storm water: 273.61 CMD</li> <li>• Size of SWD: 18" (450mm) VCR Gutter</li> <li>300 meter Length -- South to North East and west to North East</li> </ul>			
20	Sewage generation and treatment	<p>Amount of sewage generation (CMD): 19 CMD</p> <ul style="list-style-type: none"> <li>• Proposed treatment for the sewage : ASP</li> <li>• Capacity of the STP (CMD) (If applicable): Combine ETP</li> </ul>			
21	Effluent characteristic	Sr. no.	Parameters (pH, BOD, COD, heavy metal, etc)	Outlet effluent Characteristic	Effluent discharge standards (CPC B /MPC B
		1	pH	7.89	5.5 to 9.0
		2	TSS (mg/l)	6.0	<200
		3	TDS (mg/l)	1856	< 2100
		4	COD(mg/l)	50	< 250

		5	BOD(mg/l)	13	< 100	
		6	Oil and grease (mg/l)	BDL	< 10	
		7	Sulphates (mg/l)	750	< 1000	
		8	Chlorides (mg/l)	179	< 600	
		9	Phenols (mg/l)	BDL	< 5.0	
		10	Free Ammonia (mg/l)	0.02	< 5.0	
22	ETP details	Amount of effluent generation (CMD): 182 • Capacity of the ETP (CMD): ETP with Aerobic Treatment system : 575 m3, ETP with Anaerobic Treatment System : 60 m3 • Amount of treated effluent recycled (CMD): Nil. • Amount of water send to the CETP (CMD): 182				
23	Note on ETP technology to be used	Aerobic : Activated Sludge Process Anaerobic: Anaerobic digester				
24	Disposal of the ETP sludge (If applicable)	5000 Kg/month.				
25	Solid Waste Management	Sr. no	Source	Qty. (TPM)	Form (Sludge / Dry / Slurry etc.)	Comp ositio n
		1	Raw water treatment plant	Nil	NA	NA
		2	ETP	5000 kg	Sludge	Chemical sludge with Inorganic and organic form
		3	Process	1305 Kg/m	Distillation Residue	Chemical
		4	Spent Catalyst	Nil	Nil	Nil
		5	Others like Battery / e waste	NA	NA	NA
• If waste(s) contain any hazardous/toxic substance/radioactive materials or heavy metals then provide quantity, disposal data and proposed precautionary measures. • What are the possibilities of recovery and recycling of wastes? Packaging material & plastic waste of 150-200 Kg/m quantity sale to recycler Empty Drums about 10-15 no/m sold to authorised buyers after detoxification						

		Boiler Ash about 1-3 Ton/d send to brick manufacturer Distillation Residue send to CHWTSDF/used as fuel					
26	Atmospheric Emissions (Flue gas characteristics SPM, SO2, NOx, CO, etc.)	Pollutant	Source of Emission	Emission rate kg/hr)	Concentration in flue gas (gm/m3)		
		SPM	Boiler-1 (5T/hr) / Thermopack-1 (4 Lakhs Kcal/hr)	11102	0.102		
		SO2			0.047		
		NOx			0.064		
		CO			-		
		Others			-		
		SPM	Boiler - 2 (12MT/hr)	26218	0.098		
		SO2			0.0497		
		NOx			0.068		
		CO			-		
		Others			-		
		SPM	Thermopack -2 (8 lakhs kcal/hr)	2915	0.080		
		SO2			0.0123		
		NOx			0.064		
		CO			-		
		Others			-		
		SPM	Proposed new boiler of 12MT/hr	26218	0.098		
		SO2			0.0497		
		NOx			0.068		
		CO			-		
Others	-						
SPM	Proposed new Thermopack -3 of 10 lakhs kcal/hr	3643	0.1				
SO2			0.0153				
NOx			0.08				
CO			-				
Others			-				
27	Stack emission Details: (All the stacks attached to Process units, Boilers, captive power plant, D.G. Sets, Incinerator both for existing and proposed activity). Please indicate the specific section to which the stack is attached. e.g.: Process section, D.G. Set, Boiler, Power Plant, incinerator etc. Emission rate (kg/hr.) for each pollutant (SPM, SO2, NOx etc. should be specified	Plant Section & units	Stack No.	Height from ground level (m)	Internal Diameter (Top) (m)	Emission Rate (Nm3/hr)	Temp. of Exhaust  Gases (0C)
		DG set-1	S-1	3.5	0.20	411.43	51

		DG set-2	S-2	5.5	0.20 x 2	415.72	69
		DG set -3 (proposed)	S-3	30	0.15	415.72	69
		Boiler-1 - Thermo pack -1	S-4	25	0.8	11102	51
		Boiler -2	S-5	30.5	1.2	26218.3	55
		Boiler-3 proposed	S-6	32	0.2 x 2	26218.3	32
		Thermo pack -2 & Thermo pack-3 (proposed)	S-7	30	0.61	2915.2	51
28	Emission Standard	Pollutants (SPM, SO2, etc)	Emission Standard Limit	Proposed Limit (in $\mu\text{g}/\text{m}^3$ )	MPCB Consent		
		SPM (mg/Nm3)	150	0.43	Not to exceed 150		
		SO2 (Kg/day)	80	2.65	Not to exceed 160		
		NOx (mg/Nm3)	80	8.16	Not to exceed 35		
29	Ambient Air Quality Data	Pollutant	Permissible Standard	Proposed Concentration (in $\mu\text{g}/\text{m}^3$ )	Resultant Concentration (in $\mu\text{g}/\text{m}^3$ )		
				Ext.	Prop s		
		SPM	150	51.3	0.07	51.37	
		SO2 ( $\mu\text{g}/\text{m}^3$ )	80	19.1	0.08	19.18	
		NOx ( $\mu\text{g}/\text{m}^3$ )	80	20.2	1.85	22.05	
30	Details of Fuel to be used:	Sr No	Fuel	Daily Consumption (TPD /KLD)	Calorific Value (Kcals /kg)	% Ash	% Sulphur

		1	Gas	-	-	-	-
		2	Naphtha	-	-	-	-
		3	HSD	3.36 KLD (stand-by)	10700	0.01	0.2
		4	Fuel Oil	-	-	-	-
		5	Coal	80 MTD	5800	5-7	1.5 6
		6	Lignite	-	-	-	-
		7	Other	-	-	-	-
		Source of fuel: • Mode of transportation of fuel to site: Road Transport					
31	Energy	Power supply: • Existing power requirement: 750 KVA • Proposed power requirement: 750KVA DG sets: • Number and capacity DG sets to be used (existing and proposed): Existing two DG set of 380 KVA and 750 KVA capacity. Proposed one DG set of 1000 KVA. Details of the non-conventional renewable energy proposed to be used : There is no use of non-conventional renewable energy					
32	Green Belt Development	Green belt area (sq. m.) : 8520.00 • Number and species of trees to be planted: Existing more than 450 nos. • Number, size, age and species of trees to be cut, trees to be Transplanted: No tree cutting and tree transplantation					
33	Details of Pollution Control Systems:	Sr. no.	Existing pollution control system			Proposed to be installed	
		1	Air	Mechanical dust collector, single cyclone separator, multiple cyclone separator		NA	
		2	Water	ETP is provided		NA	
		3	Noise	-		NA	
4	Solid Waste	CHWTSDF • Ranjangaon / and non Packaging		NA			



				material sends to recycler, Distillation residue are also used as a fuel	
34	Environmental Management plan Budgetary Allocation	<ul style="list-style-type: none"> <li>• Capital cost (With break up): Rs. 262.00 Lakhs</li> <li>• O&amp;M cost (With break up): Rs.79.00 Lakhs</li> </ul>			
		Sr. No.	Description	Recurring Cost per annum	Capital Cost
		1.	Air Pollution Control	5.0	80.0
		2.	Water Pollution Control	50.0	150.0
		3.	Noise Pollution Control	-	-
		4.	Environment monitoring and Management	4.0	-
		5.	Reclamation borrow/mined area (If applicable)	-	-
		6.	Occupational Health	4.0	10
		7.	Green Belt	8.0	20.0
		8.	Solid waste management	3.0	2.0
		9.	Rain water harvesting	5	10
Total		79.0	272.0		
35	EIA Submitted (If yes then submit the salient features)	<p>Yes. EIA Report submitted on 23.04.2015                      Period of data collected: Dec.2014 to Feb.2015</p> <ul style="list-style-type: none"> <li>• Details of the primary data collection (i.e. location of the sample collection, number of visit, etc):                          AAQM- 7 Location                          Ground Water: 6 Location                          Soil Sampling: 7 Location                          Noise Level: 8 Location                          Ecology &amp; Biodiversity: 50 Quadrates in 10 Km Radius study area</li> <li>• Details of the secondary data collection (i.e. Source and year of data): Primary Census Abstract-2011</li> <li>• Potential hazard and mitigation measures: Potential</li> </ul>			

		<p>Hazardous has been identified during baseline environmental study and assessment. Mitigation measures were suggested.</p> <p>• Conclusion of the EIA study: Project has created direct &amp; indirect employment opportunities to the people residing at surrounding region. The management is also trying to recruit the locals by giving them in plant training and making them permanent employee. Different types of people are being recruited based on the qualification as skilled, unskilled or semiskilled.</p> <p>As the project needs good amount of workforce of non-technical and technical nature, they are being made available from the nearby villages. Migration of highly education and skilled experience is result in increase of literacy in the surrounding villages. Project has also enhanced the prospects of employment to the nearby people. Additional government revenues are generated from taxes, duties and other fees. Additional benefit of the project also includes considerable growth of the industrial and commercial activities in the state.</p>						
36	Air pollution, water pollution issues in the project area, If any	No						
38	Storage of chemicals (inflammable/explosive/hazardous/toxic substances)							
Sr. No	Name	Nos. of storage	Capacity	Physical and Chemical Composition	Consumption (MT/A)	Maximum Quantity of storage at any point of time	Source of Supply	Means of transportation
1	Acetone	2	16 KL	Colorless, Volatile, Flammable liquid, miscible with water	682	32 KL	Haresh Petrochem, Mumbai	By Road
2	Anisole (93%) / Anisole	10	30KL x 3 50KL x 3 95KL x 3 800KL x 1	Colorless liquid, insoluble in water, nontoxic	12915 / 12000	1325MT	Atul Limited, Gujarat, Sky-Petro, Singapore	By Road / By Sea
3	Hexane	1	16 KL	Volatile aliphatic	180	16KL	Sachin	By

				hydrocarbon, flammable, Colorless, Liquid			Chemicals, Mumbai.	Road
4	H <sub>2</sub> O <sub>2</sub> 60%	2	30KL & 95KL	Colorless liquid, slightly more viscous than water. Strong oxidizer and used as a bleaching agent & disinfectant.	6816	125MT	National Peroxide Ltd., Mumbai	By Road
5	Acetic Anhydride / Propionic Anhydride	2	30KL & 50KL	Colorless liquid that smells strongly of acetic acid, widely used reagent in organic synthesis	3225	80MT	Jubilant Life Science Ltd., Pune. Laxmi Organics, Mahad.	By Road
6	Tertiary Butanol	25 drums	Drums 100 ltrs	Clear liquid (odorless solid, depending on the ambient temp) with a camphor-like odor. Soluble in water and miscible with ethanol and diethyl ether.	810	5MT	Aki Shokai Co. Ltd., Japan.	By Sea
7	Phenol	1	Tank 10 KL	Colorless liquids or white solids at room temp. More soluble in water than are alcohols and have higher boiling points.	170	10 MT	SI group, Mumbai.	By Road
8	p-Cresol	1	Tank 16 KL	Colorless solid fully miscible in ethanol and in diethyl ether	100	16MT	Atul Ltd.	By Road
9	Tetra Propyl Ammonium Hydroxide	25 drums	Drums 200Ltrs	Colorless liquid, amine-like Odor, Water soluble	33.6	5MT	Delta Finechem, Nasik	By Road
10	Tetra Butyl ortho titanate	5 drums	Drums 200Ltrs	Colorless - light yellow, clear liquid, rapidly hydrolyzed by water	5.7	1MT	Om Titanates	By Road
11	Isopropyl alcohol (IPA)	5 drums	Drums 200Ltrs	Colorless, flammable chemical compound with a	5.7	1KL	Deepak Nitrite, Mahad	By Road

				strong odor. Miscible in water, alcohol, ether and chloroform. Dissolve in ethyl cellulose, polyvinyl butyric, many oils, alkaloids, gums and natural resins.				
12	Ethyl Silicate	10 drums	Fiber Drums 200Liter	Colorless liquid with a mild, sweet, alcohol-like odor	30.3	2MT	Dr Khan, Chiplun	By Road
13	Tetra Ethyl Ammonium Bromide	80 drums	Fiber Drums 25kgs	Colorless, liquid, alcohol odor, Soluble in alcohol, ether and slightly soluble in benzene	30	2MT	Delta Finechem, Nasik	By Road

3. The proposal has been considered by SEIAA in its 89<sup>th</sup> & 95<sup>th</sup> meetings & 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 :


**General Conditions for Pre- construction phase:-**

- (i) PP to achieve Zero Liquid Discharge (ZLD) by incorporation appropriate technology at least such time that the CETP is resolved fully and is functioning properly.
- (ii) No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
- (iii) This environmental clearance is issued subject to implementation of online air monitoring facility equipment.
- (iv) For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.
- (v) Proper Housekeeping programmes shall be implemented.
- (vi) 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.
- (vii) A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set.(If applicable)
- (viii) A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
- (ix) Arrangement shall be made that effluent and storm water does not get mixed.
- (x) Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.
- (xi) 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.
- (xii) The overall noise levels in and around the plant are shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise levels shall

- confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.
- (xiii) Green belt shall be developed & maintained around the plant 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.
  - (xiv) Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.
  - (xv) Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.
  - (xvi) The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
  - (xvii) The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.
  - (xviii) The company shall undertake following Waste Minimization Measures :
    - Metering of quantities of active ingredients to minimize waste.
    - Reuse of by- products from the process as raw materials or as raw material substitutes in other process.
    - Maximizing Recoveries.
    - Use of automated material transfer system to minimize spillage.
  - (xix) 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.
  - (xx) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
  - (xxi) 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
  - (xxii) 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>
  - (xxiii) Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1<sup>st</sup> June & 1<sup>st</sup> December of each calendar year.
  - (xxiv) 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.
  - (xxv) 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<sub>2</sub>, NO<sub>x</sub> (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.

- (xxvi) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
- (xxvii) The environmental statement for each financial year ending 31<sup>st</sup> 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. The Environment department reserves the right 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.
  6. **Validity of Environment Clearance:** The environmental clearance accorded shall be valid for a period of 7 years as per MoEF & CC Notification dated 29<sup>th</sup> April, 2015 to start of production operations.
  7. 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.
  8. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution ) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling ) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.
  9. Any appeal against this environmental clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1<sup>st</sup> Floor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

  
(S. M. Gavai)  
Member Secretary, SEIAA.

Copy to:

1. Shri T. C. Benjamin, IAS (Retired), Chairman, SEAC-I, 602, PECAN, Marigold, Behind Gold Adlabs, Kalyani Nagar, Pune - 411014. .
2. Additional Secretary, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.