

Ref.: EFCL/EC/EHS/HP03/2024-25/14

Date: 20<sup>th</sup> June - 2024

To,  
The Deputy Director General of Forest (Central)/ Chief Conservator of forest,  
Regional Office (WCZ), Ministry of Environment, Forest & Climate Change,  
Ground floor, East Wing, New Secretariat Building,  
Civil Lines, Nagpur - 440001,  
Maharashtra.

**Subject:** Submission of half yearly Compliance report for Environmental Clearance for Proposed Synthetic organic chemicals unit at Plot No. 2 & 2/1. Village Patas, Additional Kurkumbh MIDC, Tal-Daund. Dist-Pune by M/S. ETERNIS CHEMICALS PRIVAYE LIMITED

**Ref:** Environment Clearance Letter No - File No. File No.: SIA/MH/IND2/50295/2019 dated: 27th October 2020. And Name change of Eternis Chemicals Pvt Ltd. On 22.11.2023

Respected Sir,

With reference to the above subject, we are submitting the status of half yearly Compliance report and point wise compliance status to various stipulations laid down by the ministry of Environment and forest climate change along with necessary enclosure and annexures.

In accordance with your requirement please find enclosed herewith following documents for Post EC for the subject project for your kind reference.

1. Data sheet (January 2024 to June 2024)
2. Environment Clearance Letter
3. Compliance Report
4. Environment Monitoring Report - April 2024.
5. Annexure I - Project Details
6. Annexure II - EMP Cost
7. Copy of Consent to Establish
8. Copy of Consent to Operate
9. Project Status

Hope you will find the above in line with your requirement. Kindly acknowledge the same please.

Thanking you,

Yours faithfully,

For, M/s. ETERNIS Chemicals Private Limited



**Namdev Harihar**  
General Manager - Environment, Health & Safety.



**Copy to:**

The Member secretary, Maharashtra Pollution Control Board, Kalpataru Point, 3<sup>rd</sup> & 4<sup>th</sup> floor, Opp. Cine Planet, Sion Circle, Mumbai- 400022, India.

Factory Address : Plot No.2, 2/1 and 3, Additional Kurkumbh (Patas) Industrial Area,  
Village Patas, Taluka - Daund, Dist - Pune. Pune - 413 802.

Registered Office: 1004 Peninsula Tower, 10<sup>th</sup> Floor, Peninsula Corporate Park, Lower Parel Mumbai 400013, India  
Tel +91 22 66513400, Fax +91 22 66513434 | CIN-U24303MH2020PTC339944 | www.eternis.com

<b><u>MONITORING THE IMPLEMENTATION OF ENVIRONMENTAL SAFEGUARDS</u></b>		
<b>MINISTRY OF ENVIRONMENT &amp; FORESTS</b>		
<b>Regional Office (WCZ), Nagpur</b>		
<b>Monitoring Report</b>		
<b><u>DATA SHEET</u></b>		
		<b>Period: January - 2024 to June - 2024</b>
1.	Project type: River –Valley/ Mining/ Industry/ Thermal/ Nuclear/ other (specify)	: Industrial Estate
2.	Name of the project	: M/s. ETERNIS Chemicals Private Limited.
3.	Clearance letter (s)/OM no. and date	: File No.: SIA/MH/IND2/50295/2019 dated: 27th October 2020.
4.	Location	: Plot No. 2 & 2/1, Village Patas, Additional MIDC Kurkumbh (Patas), Taluka Daund, District Pune, Pin – 413 802.
	(a) District	: Pune.
	(b) State	: Maharashtra
	(c) Latitude / Longitude	: 18.3987/ 74.5221
5.	(a) Address for correspondence	: Plot No. 2 & 2/1, Village Patas, Additional MIDC Kurkumbh (Patas), Taluka Daund, District Pune, Pin – 413 802.
	(b) Address of Executive Project Engineer/ Manager (with pin code / Fax)	: Mr. Namdev Harihar  M/s. ETERNIS Chemicals Private Limited.  Plot No. 2 & 2/1, Village Patas, Additional MIDC Kurkumbh (Patas), Taluka Daund, District Pune, Pin – 413 802.

6.	Salient Features		
	(a) Of the project	:	Refer Annexure 1-Project Details
	(b) Of Environmental Management Plans	:	Refer Annexure 1-Project Details
7.	Breakup of the project area		
	(a) Submergence area: forest & non forest.	:	Nil.
	(b) Others	:	The entire project area is non-agricultural land.
8.	Breakup of the project affected population with enumeration of those losing houses /dwelling units only, agricultural land only, both dwelling units & agricultural land & landless labourers /artisan.	:	The Proposed Project is located at the vacant land only clearing of small sized vegetation. Therefore, no population was dislocated or affected due to proposed Project.
	(a) SC, ST /Adivasis	:	Nil
	(b) Others  (Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey is carried out give details and years of survey)	:	Nil
9.	Financial details		
	(a) Project cost as originally planned and subsequent revised estimates and the year of price reference.	:	Project Cost (Planned) Rs.328 Crores
	(b) Allocation made for environmental management plans with item wise and year wise break-up.	:	<b>Attached Annexure – II</b>
	(c) Benefit cost ratio/Internal rate of Return and the year of assessment 2022-23	:	Yet to finalise – Project phase 1 completed and phase 11 yet to start and site is under construction and commissioning stage
	(d) Whether (c) include the cost of environmental management as shown in the	:	Not applicable since (c) is yet to finalise.

	above.		
	(e) Actual expenditure incurred on the project so far	:	As per the plan in EC
	(f) Actual expenditure incurred on the environmental management plans so far	:	As per the plan in EC
10.	Forest land requirement.	:	There is no forest land involved.
	(a) The status of approval for diversion of forest land for non-forestry use	:	Not applicable
	(b) The status of clearing felling	:	Not applicable
	(c) The status of compensatory afforestation, if any	:	NA
	(d) Comments on the viability & sustainability of compensatory afforestation programme in the light of actual field experience so far	:	Not applicable
11.	The status of clear felling in non-forest areas (such as submergence area of reservoir, approach roads), if any with quantitative information	:	Nil
12.	Status of construction.	:	
	a) Date of commencement (Actual and/or planned)	:	Project excavation started: from Oct 2022
	b) Date of completion (Actual and/or planned)	:	1 <sup>st</sup> Phase Project is completed and phase II is yet to start and planned in form April 2025 will be completed.
13.	Reason for the delay if the project is yet to start.	:	MIDC infrastructure not available (Road, water and MESDCL power supply due to this project is delay.
14.	Dates of site visits		

	(a) The dates on which the project was monitored by the Regional Office on previous occasions, if any	:	As per schedule visited by MPCB Officer.
	(b) Date of site visit for this monitoring report	:	<b>Project under Commissioning stage - No environmental Monitoring.</b>  <i>(Environmental Monitoring report done by Sadekar Enviro engineers Pvt. Ltd MoEF CC approved laboratory)</i>
15.	<p>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.</p> <p>(The first monitoring report may contain the details of all the letters issued so far, but the later reports may cover only the letters issued subsequently.</p>	:	<b>Letter issued by MoEF:</b>  <b>EC Letter:</b> File No.: SIA/MH/IND2/50295/20 19 dated: 27 <sup>th</sup> October 2020.  The EC Name change letter received 22.11.2023 from MoEF CC.  <b>Consent to Establish:</b> Consent no. <b>Format 1.0/CAC/UAN No.0000134996/CE/2211000771, DATED-10/11/2022.</b>  <b>Consent to Operate:</b> Consent No : <b>Format1.0 /CAC/UAN No.0000182767/CO/2402002371</b> Date : 29.02.2024

**STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY**

No. SIA/MH/IND3/304120/2023  
Environment & Climate Change  
Department  
Room No. 217, 2nd Floor,  
Mantralaya, Mumbai- 400032.  
Date: **22/11/2023**

To,  
M/s ETERNIS CHEMICALS PRIVATE LIMITED.  
Plot No. 2 & 2/1, MIDC Kurkumbh,  
village patas Maharashtra 413802,

Sub: Transfer of Environmental Clearance granted to M/s. ETERNIS FINE CHEMICALS LIMITED for 5(f) Synthetic organic chemicals industry (dyes & dye intermediates; bulk drugs at Plot No. 2 & 2/1, Additional MIDC Kurkumbh (Patas), Village: Patas, Tehsil: Daund, District: Pune, Pin code: 413802, Maharashtra.

Ref: 1. Your application for transfer of EC- SIA/MH/IND3/304120/2023.  
2. EC Letter no. SIA/MH/IND2/50295/2019, Dated 27/10/2020.

1. This has reference to your online application vide proposal No. SIA/MH/IND3/304120/2023. in prescribed Form - 7 and other documents for seeking transfer of Environmental Clearance (EC) of the project mentioned in the subject.
2. EC was granted to M/s. ETERNIS FINE CHEMICALS LIMITED. vide letter dated 27/10/2020 for Proposed 5(f) Synthetic organic chemicals industry (dyes & dye intermediates; bulk drugs at Plot No. 2 & 2/1, Additional MIDC Kurkumbh (Patas), Village: Patas, Tehsil: Daund, District: Pune, Pin code: 413802, Maharashtra. Now, you have applied for transfer of EC from M/s. ETERNIS FINE CHEMICALS LIMITED to M/s ETERNIS CHEMICALS PRIVATE LIMITED. as you have taken over the project under reference.
3. You have submitted following documents in support of your application for transfer of EC-
  - i. Undertaking by transferee regarding acceptance of the terms and conditions in the EC letter dated 27/10/2020.
  - ii. Copy of authorization duly signed by the project proponent in support of the person making this application on behalf of the User Agency.
4. SEIAA noted the above facts and decided to transfer EC dated 27/10/2020. from M/s. ETERNIS FINE CHEMICALS LIMITED to M/s ETERNIS CHEMICALS PRIVATE LIMITED.
5. This letter shall be read with the EC letter Dated 27/10/2020.
6. All the other terms and conditions mentioned in the EC letter dated 27/10/2020 shall remain the same.

  
Pravin Darade  
(Member Secretary, SEIAA)

## STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/IND2/50295/2019  
Environment Department  
Room No. 217, 2<sup>nd</sup> Floor,  
Mantralaya,  
Mumbai- 400032.  
Date: ~~27~~ 10.2020.

To  
M/s. ETERNIS FINE CHEMICALS LIMITED,  
Plot No. 2 & 2/1, Village Patas, Tal-Daund,  
Dist-Pune.

Subject : Environmental Clearance for Proposed Synthetic organic chemicals unit  
at Plot No. 2 & 2/1, Village Patas, Tal-Daund, Dist-Pune by M/s.  
ETERNIS FINE CHEMICALS LIMITED

Reference : Application no. SIA/MH/IND2/50295/2019

This has reference to your communication on the above mentioned subject. The proposal was considered by the SEAC-1 in its 182<sup>nd</sup> meeting under screening category 5(f) as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 204<sup>th</sup> meeting of State Level Environment Impact Assessment Authority (SEIAA).

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

PP proposes to manufacture following products:

1. Alkyl Phenols - 2000 MT/M (Ortho Tertiary Butyl Phenol, Para Tertiary Butyl Phenol, Di Tertiary Butyl Phenol, 6-Tertiary Butyl Ortho Cresol, 4,6 Di tertiary Butyl Ortho Cresol)
2. Para/Ortho Tertiary Butyl Cyclohexanol & Para/Ortho Tertiary Butyl Cyclohexyl Acetate & para/Ortho Tertiary BUtl Cyclohexyl Acetate Super - 1500 MT/M
3. Styrallyl Acetate - 100 MT/M
4. Salicylic Acid & its Esters like Benzyl Salicylate, Hexyl Salicylate, Amyl Salicylate - 1500 MT/M
5. Esters of Di Cyclo Penta like Verdyl Acetate, Verdyl propionate and Verdyl isobutyrate - 450 MT/M Recovered MEthanol - 400 MT/M.
  - o The source of water supply will be from the MIDC Kurkumbh.PP to obtain requisite permission from the competent Authority.
  - o The proposed water consumption will be 1061 KLD and effluent generation will be 322 KLD. PP proposes to provide 350 CMD zero liquid discharge ETP for the treatment of industrial effluent & 25 KLD STP for treatment of domestic sewage. 297 KLD treated effluent will be recycled in the process and 25 KLD treated sewage will be used for green belt development.
  - o PP proposes to dispose hazardous waste at CHWTSDF & sale to authorized vendor.
  - o The maximum energy demand will be 5000 KVA which will be supplied by MSEDCL. PP proposes to use Briquette 160 TPD & Coal 120 TPD for boiler having stack height 37 Mtrs & HSD - 750Lit./Hr. for one DG set having capacity 1000 KVA .
  - o PP proposes to plant 2565 Nos. of indigenous trees for the development of green belt on area of

17,166 Sq.Mtrs.(33% of total plot area)
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3. The proposal has been considered by SEIAA in its 204<sup>th</sup> 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 to prepare all safety related training modules in Marathi and Hindi and impart training to all concern so as to increase its efficiency.
- II. PP to include water and carbon foot print monitoring in the Environmental Management Plan.
- III. PP to implement CER plan (Rs. 9.8 Lakhs) in consultation with the District Authority. PP to provide sanitary facility/clean drinking water / solar energy as per requirement of Z.P. Schools in the study area of the project.
- IV. PP to ensure to submit yearly monitoring of compliance of EC conditions through third party audit.

**B. SEIAA Conditions**

- I. PP to ensure that CER plan gets approved from District Collector.
- II. PP Shall comply with Standard EC conditions mentioned in the Office Memorandum dated 9th August, 2018.

**General Conditions:**

- I. PP to achieve Zero Liquid Discharge; PP shall ensure that there is no increase in the effluent load to CETP.
- II. No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
- III. PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.
- IV. Proper Housekeeping programmes shall be implemented.
- V. 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.
- VI. A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable).
- VII. A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
- VIII. Arrangement shall be made that effluent and storm water does not get mixed.
- IX. Periodic monitoring of ground water shall be undertaken and results analysed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.
- X. 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.
- XI. The overall noise levels in and around the plant area 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 conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.
- XII. 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.



- XIII. 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.
- XIV. Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act. XV (The Company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
- XV. 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.
- XVI. 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.
- XVII. A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- XVIII. 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.
- XIX. 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>.
- XX. 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.
- XXI. 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.
- XXII. 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.
- XXIII. 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.
- XXIV. 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, 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.



Manisha Patankar-Mhaiskar  
(Member Secretary, SEIAA)

Copy to:

1. Shri Johnny 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, Pune.
7. Regional Officer, Maharashtra Pollution Control Board, Pune.

**COMPLIANCE REPORT**

<b>EC No.</b>	:	File No. SIA/MH/IND2/50295/2019 dated: 27th October 2020.EC Name change received on 22.11.2023 with the same no. of EC
<b>Project Name</b>	:	M/s. ETERNIS Chemicals Private Limited.
<b>Project location</b>	:	Plot No. 2 & 2/1, Village Patas, Additional MIDC Kurkumbh (Patas), Taluka Daund, District Pune, Pin – 413 802.
<b>Developers address</b>	:	M/s. ETERNIS Chemicals Private Limited. Plot No. 2 & 2/1, Village Patas, Additional MIDC Kurkumbh (Patas), Taluka Daund, District Pune, Pin – 413 802.

<b>Sr. No.</b>	<b>EC Conditions</b>	<b>Compliance Status</b>
<b>SPECIFIC CONDITIONS: A. SEAC Conditions</b>		
1.	PP to prepare all safety related training modules in Marathi and Hindi and impart training to all concern so as to increase its efficiency.	Noted & complied. Project under the construction and commissioning stage and all the safety related training module in Marathi and Hindi on construction safety is prepared and implemented during the project stage and it is in progress during the project stage.
2.	PP to include waler and carbon foot print monitoring in the Environmental Management Plan.	Noted & complied. Water and carbon footprint monitoring in the Environmental Management Plan after commissioning of the project
3.	PP to implement CER plan (Rs. 9.8 Lakhs) in consultation with the District Authority. PP to provide sanitary facility/clan drinking Water / solar energy as per requirement of Z.P. Schools in the study area of the project.	Noted & Complied. The CER plan execution is in progress and in the year 2023-24, the CER expenditure is 34.49 Lacs for the drinking water and solar energy as per the school infrastructure requirement.
4.	PP to ensure to submit yearly monitoring of compliance of EC conditions through third party audit.	Noted & complied. Yearly monitoring of compliance of EC through the third party, the project is in construction and commission stage, After completion if 1 <sup>st</sup> phase project will complied the same.

<b>SPECIFIC CONDITIONS: B. SEAC Conditions</b>		
1.	PP to ensure that CER plan gets approved from District Collector.	Noted & complied.
2.	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum dated 9th August. 2018	Noted & complied.
<b>GENERAL CONDITIONS</b>		
1.	PP to achieve Zero Liquid Discharge; PP shall ensure that there is no increase in the effluent load to CETP.	Noted & complied. M/s. ETERNIS Chemicals Private Limited is ZLD unit. Not a single drop of wastewater released outside or within the premises. As provided ETP capacity is in 1 <sup>st</sup> phase is 100 CMD which is sufficient to treat 100 CMD effluent. Whole treated water is used for processing, flushing & cooling purpose.
2.	No additional land shall be used /acquired for any activity' of the project without obtaining proper permission.	Noted & complied.
3.	PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.	Noted & complied. M/s. ETERNIS Chemicals Private Limited is certified IMS (ISO9001: 2015) EMS 14001:2015 & OSHAS 45001:2018. So, all health & safety precaution are taking care specially of environment & employees.
4.	Proper Housekeeping programmes shall be implemented.	Noted & complied. All housekeeping worker gives the proper training before joining & regular training programs are arranged.
5.	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.	Noted & complied.
6.	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable).	Noted & complied. Total 1 x 500 kVA, DG sets provided. DG are with acoustic Enclosure and Exhaust stack is provided at 4.5 Mtr From above the roof top as per their capacity.
7.	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.	Noted & complied.

8.	Arrangement shall be made that effluent and storm water does not get mixed.	Noted & complied.
9.	Periodic monitoring of ground water shall be undertaken and results analysed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.	Noted. In the company premises, there is no any bore well.
10.	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.	Noted & Complied. <ul style="list-style-type: none"> <li>All DG are with acoustic enclosure.</li> <li>Plantation are done within &amp; around the boundary area of company.</li> </ul> All people working in the industry are provided earplugs where ever there is high noise.
11.	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 conform to the standards prescribed under Environment (Protection) Act, 1986 Rules. 1989.	Noted & complied. For noise reduction DG is with acoustic enclosure. Plantation are done within & around the boundary area of company. Company maintains noise level below 75 dB of day time & 70 dB.
12.	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.	Noted & complied. Almost 33% area of total plot area of the unit is covered by plantation with different plant species.
13.	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.	Noted & Complied.
14.	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act. XV (The Company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	Noted & Complied. All the company workers are gone through health check up on regular basis.

15.	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.	Noted & Complied. As company is member of MEPL, Ranjangaon, Pune, the generated hazardous waste is loaded on truck with all precautions and transfer to MEPL, Ranjangaon, Pune for further treatment after the completion of project. Registration certificate of MEPL is under process.
16.	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.	Noted & Complied.
17.	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Noted & Complied. Qualified staff is set up for environment & safety separately.
18.	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.	Noted & Complied. EMP allocation is enclosed as annexure-II.
19.	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 <a href="http://Parivesh.nic.in">http //Parivesh. nic. in</a> .	Noted
20.	Project management should submit half yearly compliance reports in respect of the stipitated 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 & Complied. EC compliance report with all necessary document is submitted to MPCB.
21.	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 he put on the website of the Company by the proponent.	Noted

22.	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.	Noted
23.	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.	Noted & Complied. EC compliance report with all necessary document is submitted to RO MoEF, Nagpur and respective Zonal Office of CPCB and the SPCB.
24.	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 & Complied. The 1 <sup>st</sup> phased project completed and 2 <sup>nd</sup> phase project is under planning will be completed by end of 2025. ETERNIS will submit the Environment Statement Form V as per the schedule to respective SPCB.

#### OTHER CONDITIONS

1.	<b>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.</b>	Noted.
2.	<b>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.</b>	Noted.
3.	<b>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.</b>	Noted.

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4.	<b>Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments time to time.</b>	Noted.
5.	<b>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.</b>	Noted.
6.	<b>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.</b>	Noted.
7.	<b>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.</b>	Noted.





# Sadekar Enviro Engineers Private Limited

Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I.D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra State, India.  
☎ : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 • E-mail : prs@sadekarenviro.com / psadekar5@gmail.com

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## ANALYSIS TEST REPORT

Report No	SEETL240001544	Report Date	23/04/2024
Name of Client	M/s. Eternis Chemicals Pvt Ltd.		
Address of Client	Plot No.2 & 2/1, Additional MIDC Kurkumbh, Village - Patas, Tal-Daund, Dist-Pune		
Order / Reference	Ref. No. SEETL/EFCL_03/04/ 2024/097 Dated-17/04/2024		
Date Of sampling	16/04/2024	Sample Receipt Date	17/04/2024
Analysis Started on	17/04/2024	Analysis Completed On	20/04/2024
ULR No.	-		
Sample Collected By	SEETL Representative		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32
Environmental Condition of Lab		Temperature (°C)	25.6
		Humidity (%)	50

## WORK PLACE AIR STATION

Location of H.V.S.	Green Boiler Area		
Receptor Distance	1.5 Meters from Ground level		
Ambient Temperature (°C)	35	Humidity (%)	31
Instruments Used	Handy Air Sampler (GTI 221)		

## POLLUTIONAL PARAMETERS

Parameters	Result	Units	Limits#	Method
Total Dust	0.019	mg/m <sup>3</sup>	15.00	IS 5182 (Part 23) 2006 RA: 2022
Sulphur Dioxide (SO <sub>2</sub> )	<0.003	mg/m <sup>3</sup>	13.00	IS 5182(Part 2/Sec 1): 2023
Oxides of Nitrogen (NO <sub>2</sub> )	<0.005	mg/m <sup>3</sup>	9.00	IS 5182 (Part 6): 2006 RA: 2022

- NOTE:** 1) The above results relate only to the condition prevailing at the time of sampling.  
2) The above results relate only to the item tested.  
3) # Permissible Exposure Limit as per OSHA (TWA for 8 Hours)  
4) This certificate may not be reproduced without the permission of this Laboratory.

\*\*\*\*\* END OF THE REPORT\*\*\*\*\*



  
Authorized Signatory  
Nilesch Naik



# Sadekar Enviro Engineers Private Limited

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## ANALYSIS TEST REPORT

Report No	SEETL240001545	Report Date	23/04/2024
Name of Client	M/s. Eternis Chemicals Pvt Ltd.		
Address of Client	Plot No.2 & 2/1, Additional MIDC Kurkumbh, Village - Patas, Tal-Daund, Dist-Pune		
Order / Reference	Ref. No. SEETL/EFCL_03/04/ 2024/097 Dated-17/04/2024		
Date Of sampling	16/04/2024	Sample Receipt Date	17/04/2024
Analysis Started on	17/04/2024	Analysis Completed On	20/04/2024
ULR No.	-		
Sample Collected By	SEETL Representative		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32
Environmental Condition of Lab	Temperature (°C)	25.6	Humidity (%) 50

## WORK PLACE AIR STATION

Location of H.V.S.	Production Building 1 <sup>st</sup> Floor		
Receptor Distance	1.5 Meters from Ground Level		
Ambient Temperature (°C)	35	Humidity (%)	31
Instruments Used	Handy Air Sampler (GTI 221) & Organic Vapour Sampler (APM 850)		

## POLLUTIONAL PARAMETERS

Parameters	Result	Units	Limits#	Method
Total VOC	<0.5	µg/m <sup>3</sup>	-	EPA Method TO-17:1999
Oxides of Nitrogen (NO <sub>2</sub> )	<0.003	mg/m <sup>3</sup>	9.00	IS 5182 (Part 6): 2006 RA:2022

- NOTE:** 1) The above results relate only to the condition prevailing at the time of sampling.  
2) The above results relate only to the item tested.  
3) # Permissible Exposure Limit as per OSHA (TWA for 8 Hours)  
4) This certificate may not be reproduced without the permission of this Laboratory.

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Authorized Signatory  
Nilesch Naik



## ANALYSIS TEST REPORT

Report No	SEETL240001546	Report Date	23/04/2024
Name of Client	M/s. Eternis Chemicals Pvt Ltd.		
Address of Client	Plot No.2 & 2/1, Additional MIDC Kurkumbh, Village - Patas, Tal-Daund, Dist-Pune		
Order / Reference	Ref. No. SEETL/EFCL_03/04/ 2024/097 Dated-17/04/2024		
Date Of sampling	16/04/2024	Sample Receipt Date	17/04/2024
Analysis Started on	17/04/2024	Analysis Completed On	20/04/2024
ULR No.	TC-122072400001183F		
Sample Collected By	SEETL Representative		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32
Environmental Condition of Lab	Temperature (°C)	25.6	Humidity (%) 50

## DETAILS OF STACK

Attached To	Boiler
Shape	Round
Diameter (mm)	600
Height from Ground Level (Mtr)	30
Temperature (°C)	161
Velocity of Flue Gases (m/sec)	4.98
Volume of Flue Gases (m <sup>3</sup> /hour)	5072.74
Volume of Flue Gases (Nm <sup>3</sup> /hour)	3454.48
Type of Fuel	LDO

## POLLUTIONAL PARAMETERS

Parameters	Result	Units	MPCB Limit	Method
Total Particulate Matter	47.03	mg/Nm <sup>3</sup>	150.00	IS 11255 (Part 1):1985 RA: 2019
Sulphur dioxide (SO <sub>2</sub> )	2.38	Kg/Day	10.00	IS 11255 (Part 2):1985 RA: 2019

**NOTE:** 1) The above results relate only to the condition prevailing at the time of sampling.  
2) The above results relate only to the item tested.  
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Trupti Mayekar

## ANALYSIS TEST REPORT

Report No	SEETL240001547	Report Date	23/04/2024		
Name of Client	M/s. Eternis Chemicals Pvt Ltd.				
Address of Client	Plot No.2 & 2/1, Additional MIDC Kurkumbh, Village - Patas, Tal-Daund, Dist-Pune				
Order / Reference	Ref. No. SEETL/EFCL_03/04/ 2024/097 Dated-17/04/2024				
Date Of sampling	16/04/2024	Sample Receipt Date	17/04/2024		
Analysis Started on	17/04/2024	Analysis Completed On	20/04/2024		
ULR No.	TC-122072400001184F				
Sample Collected By	SEETL Representative				
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.		SEETL/LD/SOP/AA-32	
Environmental Condition of Lab		Temperature (°C)	25.6	Humidity (%)	50

## DETAILS OF STACK

Attached To	DG Set-500 KVA
Shape	Round
Diameter (mm)	200
Height from Ground Level (Mtr)	3.0 meter Above the roof
Temperature (°C)	170
Velocity of Flue Gases (m/sec)	6.98
Volume of Flue Gases (m <sup>3</sup> /hour)	789.53
Volume of Flue Gases (Nm <sup>3</sup> /hour)	526.71
Type of Fuel	Diesel

## POLLUTIONAL PARAMETERS

Parameters	Result	Units	MPCB Limit	Method
Total Particulate Matter	45.03	mg/Nm <sup>3</sup>	-	IS 11255 (Part 1):1985 RA: 2019
Sulphur dioxide (SO <sub>2</sub> )	1.83	Kg/Day	5.00	IS 11255 (Part 2):1985 RA: 2019

- NOTE:** 1) The above results relate only to the condition prevailing at the time of sampling.  
 2) The above results relate only to the item tested.  
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## ANALYSIS TEST REPORT

Report No.	SEETL240001548	Report Date	23/04/2024
Name of Client	M/s. Eternis Chemicals Pvt Ltd.		
Address of Client	Plot No.2 & 2/1, Additional MIDC Kurkumbh, Village - Patas, Tal-Daund, Dist-Pune		
Order / Reference	Ref. No. SEETL/EFCL_03/04/ 2024/097 Dated-17/04/2024		
Date of Monitoring	16/04/2024	Time of Sampling	Day/Night
ULR No.	TC-122072400001185F		
Monitored By	SEETL Representative		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-31

### DAY & NIGHT TIME NOISE LEVEL MONITORING

Sampling Location (From 1 meter away)	Noise Levels in dB (A) Leq* Day Time	Noise Levels in dB (A) Leq* Night Time
<b>AMBIENT NOISE LEVEL MONITORING</b>		
Near Main Gate	60.2	54.2
Near ETP Area	68.2	52.2
Near Green Boiler Area	66.2	50.2
Near Production Building	60.2	50.2
DG Set (Run Condition)	69.2	60.2
Tank Farm Area	68.2	60.1

Method: - IS 9989:1981 RA: 2023

- NOTE:** 1) Limit During Day time < 75. (Day time shall mean from 6.00 am to 10.00 pm.)  
 2) Limit During Night time < 70. (Night time shall mean from 10.00 pm to 6.00 am.)  
 3) A "decibel" is a unit in which noise is measured.  
 4) "A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to Frequency response characteristics of the human hear.  
 5) Leq: It is the energy mean of the noise level over a specified period.  
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# Sadekar Enviro Engineers Private Limited

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## ANALYSIS TEST REPORT

Report No.	SEETL240001549	Report Date	23/04/2024
Name of Client	M/s. Eternis Chemicals Pvt Ltd.		
Address of Client	Plot No.2 & 2/1, Additional MIDC Kurkumbh, Village - Patas, Tal-Daund, Dist-Pune		
Order / Reference	Ref. No. SEETL/EFCL_03/04/ 2024/097 Dated-17/04/2024		
Date of Monitoring	16/04/2024	Time of Sampling	Day/Night
ULR No.	-		
Monitored By	SEETL Representative		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-31
DAY & NIGHT TIME NOISE LEVEL MONITORING			
Sampling Location (From 1 meter away)	Noise Levels in dB (A) Leq* Day Time	Noise Levels in dB (A) Leq* Night Time	
WORKPLACE NOISE LEVEL MONITORING			
Fire Hydrant pump house	70.2	68.6	
Production building 1 <sup>st</sup> floor Near ETP area	70.1	67.2	
Production building 3 <sup>rd</sup> floor	68.9	63.3	

Method: - IS 9989:1981 RA: 2023

- NOTE:** 1) \*As per Factory Act Rules, 1963 scheduled XXIV Noise Limit 90dB(A) \*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.  
2) A "decibel" is a unit in which noise is measured.  
3) "A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human hear.  
4) Leq: It is the energy mean of the noise level over a specified period.  
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## ANALYSIS TEST REPORT

Report Number	SEETL240001499	Report Date	23/04/2024
Name of Client	<b>M/s. Eternis Chemicals Pvt.Ltd.</b>		
Address of Client	Plot No.2 & 2/1, Additional MIDC Kurkumbh, Village - Patas, Tal-Daund, Dist-Pune. Phone-02117 - 236100		
Order / Reference	<b>Ref. No. : SEETL/EFCL_03/04/ 2024/097 Dated: 17.04.2024</b>		
Sample Collection Date	17/04/2024	Sample Receipt Date	17/04/2024
Analysis Started On	17/04/2024	Analysis Completed On	23/04/2024
ULR Number	<b>TC-122072400001143F</b>		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/WA-62
<b>Environmental Condition of Lab</b>	<b>Temp °C</b>	25.5	<b>Humidity %</b> 54
Sampling Point	-		
Sample Details	<b>Outlet treated</b>		
Sample Container	PVC Can & Glass Bottle	Sample Quantity	1000 ml + 1000 ml
Sample Collected By	SEETL Representative		

### Chemical Parameters

Sr. No.	Parameters	Results	Unit	Method
1.	pH	7.21	-	IS 3025 (Part 11): 2022
2.	Chemical Oxygen Demand	228.00	mg/lit	APHA (24 <sup>th</sup> Edition) 5220-B - 2023
3.	Biochemical Oxygen Demand 3 days at 27°C	79.00	mg/lit	IS 3025 (Part 44): 2023
4.	Total Suspended Solids	16	mg/lit	APHA (24 <sup>th</sup> Edition) 2540 - D - 2023
5.	Total Dissolved Solids	246	mg/lit	APHA (24 <sup>th</sup> Edition) 2540-C -2023
6.	Oil & Grease	<1.0	mg/lit	IS 3025 (Part 39/5): 2021
7.	Chloride as Cl	149.00	mg/lit	APHA (24 <sup>th</sup> Edition) 4500-Cl:B-2023
8.	Sulphate as SO <sub>4</sub>	56.20	mg/lit	APHA (24 <sup>th</sup> Edition) 4500-SO <sub>4</sub> -E -2023

**Note** : Test results related only to the sample tested.

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: Retention Period of Sample is 8 days from the date of Analysis report.

\*\*\*\*\*END OF THE REPORT\*\*\*\*\*



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## ANALYSIS TEST REPORT

Report No	SEETL240001543	Report Date	23/04/2024
Name of Client	M/s. Eternis Chemicals Pvt Ltd.		
Address of Client	Plot No.2 & 2/1, Additional MIDC Kurkumbh, Village - Patas, Tal-Daund, Dist-Pune		
Order / Reference	Ref. No. SEETL/EFCL_03/04/ 2024/097 Dated-17/04/2024		
Date Of sampling	16/04/2024	Sample Receipt Date	17/04/2024
Analysis Started on	17/04/2024	Analysis Completed On	20/04/2024
ULR No.	TC-122072400001182F		
Sample Collected By	SEETL Representative		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32
Environmental Condition of Lab		Temperature (°C)	25.6
		Humidity (%)	50

## AMBIENT AIR STATION

Location of H.V.S.	Near Production Building Area
Lateral Distance	5.0 Meter from Production Building Area
Receptor Distance	1.5 Meters from Ground Level
Ambient Temperature (°C)	35
Humidity (%)	31
Wind Speed (km/hr)	11
Wind Direction (deg <sup>0</sup> )	SW 240
Instruments Used	R.D.S.(APM- 460), F.P.S.(APM – 550), G.P.S.(APM – 411) & Benzene Sampler (GTI 177)

## POLLUTIONAL PARAMETERS

Parameters	Result	Units	NAAQS Limits	Method
PM <sub>10</sub>	59.34	µg/m <sup>3</sup>	100.00	IS 5182 (Part 23) 2006 RA: 2022
PM <sub>2.5</sub>	27.69	µg/m <sup>3</sup>	60.00	EPA Quality assurance guidance document 2.12, based on CPCB- 2011
Sulphur Dioxide (SO <sub>2</sub> )	21.04	µg/m <sup>3</sup>	80.00	IS 5182(Part 2/Sec 1): 2023
Nitrogen Dioxide (NO <sub>2</sub> )	23.02	µg/m <sup>3</sup>	80.00	IS 5182 (Part 6): 2006 RA: 2022
Ammonia (NH <sub>3</sub> )	<20.00	µg/m <sup>3</sup>	400.00	CPCB Guidelines for Measurement of Ambient Air Pollutants Volume-I, 2011
Carbon Monoxide (CO)	0.97	mg/m <sup>3</sup>	04.00	IS 5182 (Part 10): 1999 RA 2019
Lead as Pb	<0.10	µg/m <sup>3</sup>	01.00	EPA compendium method IO 3.5: 2012
Benzene (C <sub>6</sub> H <sub>6</sub> )	<4.00	µg/m <sup>3</sup>	5.00	IS 5182 (Part 11): 2006 RA 2022
Arsenic (As)	<5.00	ng/m <sup>3</sup>	6.00	EPA compendium method IO 3.5: 2012
Nickel (Ni)	<5.00	ng/m <sup>3</sup>	20.00	EPA compendium method IO 3.5: 2012
Ozone (O <sub>3</sub> )	14.82	µg/m <sup>3</sup>	180.00	IS 5182 (Part 9): 1974 RA: 2019
Benzo(a)Pyrene (BaP)	<0.10	ng/m <sup>3</sup>	1.00	IS 5182 (Part 12): 2004 RA: 2019

**NOTE:** 1) The above results relate only to the item tested & the condition prevailing at the time of sampling

2) PM<sub>10</sub>-Particulate Matter of size < 10 µm, PM<sub>2.5</sub>- Particulate Matter of size < 2.5 µm

3) NAAQS-National Ambient Air Quality Standards

4) Lower Detection Limit (NH<sub>3</sub><20 µg/m<sup>3</sup>), (Pb<0.10 µg/m<sup>3</sup>), (C<sub>6</sub>H<sub>6</sub><4 µg/m<sup>3</sup>), (As <5 ng/m<sup>3</sup>), (Ni <5 ng/m<sup>3</sup>), (Benzo(a)Pyrene< 0.1 ng/m<sup>3</sup>)

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 Trupti Mayekar



**ANNEXURE – I – Project Details****1.1 Name and address of the project proposed:**

The project proposed by M/s. ETERNIS Chemicals Private Limited is a capacity Expansion of Existing products & By- Products, Additional of similar Products & by-Products, Introduction of New Eco-friendly biomass Boiler, New MIDC plot and in the name of M/S. Eternis Fine Chemicals Limited at Plot No. 2 & 2/1, Village Patas, Additional MIDC Kurkumbh (Patas), Taluka Daund, District Pune, Pin – 413 802.

**1.2 Project Proposal:**

The proposed project has following features:

Sr. No.	Description	Details	
1.	Project Name	M/s. ETERNIS Chemicals Private Limited	
2.	Type of project	Industrial Estate.	
3.	Project Proponent	Mr. Krishan Sharma	
4.	Location	Plot No. 2 & 2/1, Village Patas, Additional MIDC Kurkumbh (Patas), Taluka Daund, District Pune, Pin – 413 802.	
5.	Total Plot area	52,017 Sq. Mt.	
6.	Total Built up Area	13,265 Sq. Mt.	
7.	Project Cost	Rs.328 Cr.	
8.	Product		

Name of Products, By products & Intermediate		Production Quantity	UOM
1.	Alkyl Phenols like : a) Ortho Tertiary Butyl Phenol b) Para Tertiary Butyl Phenol c) Di Tertiary Butyl Phenol d) 6, Tertiary Butyl Ortho Cresol. e) 4,6 Di tertiary butyl Ortho Cresol f) Other similar Alkyl Phenols	2000	MT/M
2.	Para/Ortho Tertiary Butyl Cyclohexanol & Para / Ortho Tertiary Butyl Cyclohexyl Acetate & Para/Ortho Tertiary Butyl Cyclohexyl Acetate Super	1500	MT/M
3.	Styrallyl Acetate	100	MT/M
4.	Salicylic Acid and its Esters like Benzyl Salicylate, Hexyl Salicylate, Amyl Salicylate	1500	MT/M
5.	Esters of Di Cyclo Penta Diene like Verdyl Acetate, Verdyl propionate and Verdyl isobutyrate	450	MT/M
<b>TOTAL</b>		<b>5550</b>	<b>MT/M</b>
<b>9</b>	<b>By Products</b>		
1	Recovered Methanol	400	MT/M
	<b>TOTAL</b>	<b>400</b>	<b>MT/M</b>
<b>10</b>	<b>Water Requirement</b>		
	<b>Source of Water</b>		MIDC
	<b>Fresh Water (CMD)</b>		816
	<b>Recycled Water –Flushing (CMD)</b>		245

		<b>Dry Season</b>		
			<b>Recycled Water –Gardening (CMD)</b>	25
			<b>Swimming pool makeup (CUM)</b>	NA
			<b>Total Water requirement (CMD)</b>	1086
			<b>Fire Fighting –Underground Tank (CMD)</b>	500
			<b>Fire Fighting overhead Water tank (CMD)</b>	NA
			<b>Excess treated Water</b>	NA
		<b>Wet Season</b>	<b>Source of Water</b>	<b>MIDC</b>
			<b>Fresh Water (CMD)</b>	<b>816</b>
			<b>Recycled Water –Flushing (CMD)</b>	<b>245</b>
			<b>Recycled Water –Gardening (CMD)</b>	<b>25</b>
			<b>Swimming pool makeup (CUM)</b>	<b>NA</b>
			<b>Total Water requirement (CMD)</b>	<b>1086</b>
			<b>Fire Fighting –Underground Tank (CMD)</b>	<b>500</b>
			<b>Fire Fighting overhead Water tank (CMD)</b>	<b>NA</b>
			<b>Excess treated Water</b>	<b>NA</b>

11	Effluent Generation	Sewage Generation: 20 m <sup>3</sup> /day Industrial Effluent: 302 m <sup>3</sup> /day		
12	Capacity	Capacity of ETP: 350 m <sup>3</sup> /day (1 <sup>st</sup> Phase 100 m <sup>3</sup> /day ETP capacity) Capacity of STP: 25 m <sup>3</sup> /day		
13	Rain Water Harvesting	RWH tank of capacity 250 M3 present +250 m <sup>3</sup> in 2 <sup>nd</sup> phase		
14	a. Solid Waste Generation (Hazardous)	Sr. No.	Source	Quantity (TPM)
		1.	33.1 Discarded containers/ liners and bags	8.33
		2.	35.3 Chemical Sludge from WWT	33.0
		3.	37.3 MEE Residue	967
		4.	5.1 Spent Oil	0.5
		5.	28.1 Process residue and waste	46
		6.	20.3 Distillation residue	212
		7.	36.1 Waste filter cloth	0.3
		8.	20.2 Spent solvent	30
		9.	33.1 Spent carbon	0.1
		10.	35.1 Spent ion exchange resin	0.5

	b. Solid Waste Generation (Non-Hazardous)	Sr. No.	Source	Total Quantity																		
		1.	Paper, Plastic, Scrap metal (Non-Hazardous)	25 TPA																		
		2.	Canteen Waste	10Kg/Day																		
		3.	Fly Ash	19.8T/day																		
		4.	Wooden pallets	60 TPA																		
		5.	Empty bags	100 TPA																		
15	Green Belt Development	Project is under 1 <sup>st</sup> phase construction approx. 75% of 1 <sup>st</sup> phase work completed and done the tree plantation of 50 Nos pf sapling – Green Belt development is in progress.																				
16	Energy Requirement	<ul style="list-style-type: none"><li>During Construction phase (Connected load): 250 LVA</li><li>During Operation Phase (Demand load): 600 KVA</li><li>Transformer: 1 X 800 KVA,</li><li>DG Sets: 1 X 500 KVA, - 1<sup>st</sup> Phase Project,</li></ul>																				
17	Stack Emission Details in 1 <sup>st</sup> Phase																					
<table><tr><td>Plant Section &amp; Units</td><td>Stack No</td><td>Height from ground level (M)</td><td>Internal diameter (top) (M)</td><td>Emission rate</td><td>Temp. Of Exhaust</td></tr><tr><td>Boilers</td><td>01</td><td>33</td><td>1.0</td><td>Negligible</td><td>120 to 123 °C</td></tr><tr><td>DG Sets</td><td>01</td><td>5</td><td>0.25</td><td>Negligible</td><td>120 to 123 °C</td></tr></table>					Plant Section & Units	Stack No	Height from ground level (M)	Internal diameter (top) (M)	Emission rate	Temp. Of Exhaust	Boilers	01	33	1.0	Negligible	120 to 123 °C	DG Sets	01	5	0.25	Negligible	120 to 123 °C
Plant Section & Units	Stack No	Height from ground level (M)	Internal diameter (top) (M)	Emission rate	Temp. Of Exhaust																	
Boilers	01	33	1.0	Negligible	120 to 123 °C																	
DG Sets	01	5	0.25	Negligible	120 to 123 °C																	
18	Details of Pollution Control System																					

Sr. No.	Source	Existing pollution Control System	Proposed to be Installed
1.	STP	Conventional type STP	Conventional type STP
2.	OWC	NA	Organic Waste Convertor for canteen waste
3.	ETP	Conventional type	Biological Treatment
4.	DG sets	Acoustic Hood Provision	Acoustic Hood Provision
5.	Scrubber	Water Type	As per Scrubbing Media
6.	Cyclone Filters	Filter Bags	Filter bags with ESP
18.	Environmental Management Plan	<b>EMP Cost During Construction Phase:</b> <ul style="list-style-type: none"> <li>22.79 Lakh/annum</li> </ul> <b>EMP During operation Phase:</b> <ul style="list-style-type: none"> <li>Capital Cost : 148000000 Lakh</li> <li>O &amp; M Cost: 37700000 Lakh/Yr.</li> </ul>	

---

### **ENVIRONMENTAL MANAGEMENT PLAN**

#### **AIR ENVIRONMENT**

- Stack attached to the multi fuel boiler with stack height is 33 m.
- Use of sprinklers to suppress dust formation.
- Covered raw material.
- Regular water sprinkling.
- Plantation of trees around the site to reduce effects of air / noise pollution.
- Preventive maintenance of the internal roads – construction site
- Adequate parking spaces.

#### **NOISE ENVIRONMENT**

- Buffer in form of wall and tree plantation will be provided along the plot periphery.
- Smooth flow of traffic will be maintained by office staff to avoid idling of vehicles.
- DG Sets provided with acoustic enclosures meeting EPA norms.
- Preventive maintenance of fans, blowers, compressors.
- Sturdy foundations to control vibration.

#### **WATER ENVIRONMENT**

- Treated water discharge to utility purpose – Cooling tower
- Commissioning of adequate size of Storm Water drains.
- Roof top rain water connected to rain water harvesting pits – plan available it executed in 2<sup>nd</sup> phase.
- After proper filtration, harvested rain water will be used in process.
- Accumulation of stagnant water avoided to prevent breeding of mosquitoes.

#### **SOCIO-ECONOMIC DEVELOPMENT ACTIVITIES**

- Vocational training to educated to all employee.
- Local people shall be engaged to maintain the greenbelt, gardens, transportation, small construction etc.

---

### **ENVIRONMENTAL SAFETY MEASURES**

There shall be regular medical checkup of the workers. Adequate safety precautions shall be exercised strictly for observing the safety norms as per the requirement during the construction activities/ operations/ chemicals handling. Protective equipments shall be stocked and made available to the workers i.e.

- Industrial Safety Helmet.
- Crash Helmets.
- Face shield with replacement acrylic vision.
- Zero power goggles with cut type filters on both sides and blue colour glasses.
- Welders equipment for eye & face protection.
- Cylindrical type earplug.
- Ear muffs.
- Dust masks.
- Self contained breathing apparatus.
- Leather apron.
- Boiler suit.
- Safety belt/line man's safety belt.
- Leather hand gloves.
- Canvas cum leather hand gloves with leather palm.
- Industrial safety shoes.



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### **RISK MANAGEMENT**

- Raw material will be separately stored in covered area and solvent will be stored in under nitrogen gas blanketed storage tank as per the norms and safety rules of chief controller of explosive, Nagpur.
- All around the plant fire extinguisher and sand buckets will be provided.

### **EMERGENCY PREPAREDNESS PLAN**

#### **ONSITE EMERGENCY PLAN**

- Risk Assessment study has been conducted taking preview of all hazards.
- Training sessions and Awareness Programs.
- Mock Drills and Emergency evacuation.
- Establishment of primary and secondary control centers.
- Periodic checking & maintenance of all equipment.

#### **OFFSITE EMERGENCY PLAN**

- Close co-ordination with the local authorities and organizations.
- Booklets circulation in the local languages.
- Yearly awareness program.
- Display of details about the pollutants and possible hazards.
- Alert Warning systems.
- Wind direction indicators at strategic locations.

## Annexure – II

### ALLOCATION MADE FOR ENVIRONMENTAL MANAGEMENT PLANS

#### A) Construction Phase (With Break-up)

Sr. No.	Component	Particulars	Estimated Cost (Lakhs)	Budgetary Allocation Capital Investment (Lakhs)	Budgetary Allocation Recurring Expenditure (Lakhs)
1	Air	Installation of stacks and APCD. 8 Nos. of Scrubbers (Capacity: 250 CFM)	367.5	375	13
2	Water	ZLD based ETP with stripper, MEE, ATFD followed by ETP with primary, secondary and tertiary treatment with R.O plant and construction of 25 CMD STP	242.5	250	23.00
3	Noise	Development of acoustic enclosures and installation of shock absorbers & vibration absorbing pads	6.83	7	0.75
4	Occupational Health	Purchase of PPE's and health check ups	73.13	75	25
5	Green Belt	Development and Maintenance of green belt.	22.50	23.77	20
6	Solid Waste	Purchase of solid waste storage bags, containers and disposal of hazardous waste	24.43	25	9.50
7	Energy Conservation	Roof top solar systems will be installed on 1800 sq. m. roof top area and solar street lights will be installed.	96	96	19.8
8	Rain water harvesting	Provision of RWH system along with UG 300 KL tank (Rain water collection pit 50 KL and Rain water harvesting tank 250 KL )	58.8	60	20.0
9	Environment Monitoring & Management	Environmental monitoring of ambient air, workplace, stack monitoring, effluent inlet and outlet, noise, water and carbon footprint monitoring	1.94	2	6.5
<b>Total (Rs.)</b>			<b>893.63</b>	<b>913.77</b>	<b>137.55</b>

**B) Operation Phase (With Break-Up)**

<b>Sr. No.</b>	<b>Parameters</b>	<b>Capital Cost (Rs. In Lakhs)</b>	<b>Operational /Recurring Cost (Rs. In Lakhs/Annum)</b>
1	Air Pollution Control	375	13
2	Water Pollution Control	250	23.0
3	Noise Pollution Control	7	0.75
4	Occupational Health	75	25
5	Green Belt	23.77	20.0
6	Solid Waste Management	25	9.50
7	Energy Conservation	96	19.8
8	Rain Water Harvesting	60	20.0
9	Environmental Monitoring and Management (Water and Carbon Foot Print Monitoring)	2	6.5
<b>Total EMP Cost</b>		<b>913.77</b>	<b>137.55</b>

# MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437  
Fax: 24023516  
Website: <http://mpcb.gov.in>  
Email: [cac-cell@mpcb.gov.in](mailto:cac-cell@mpcb.gov.in)



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

RED/L.S.I (R22)  
No:- Format1.0/CAC/UAN  
No.0000134996/CE/2211000771

Date: 10/11/2022

To,  
M/s. Eternis Fine Chemicals Limited  
Plot No.2 & 2/1,,Additional MIDC Kurkumbh (Patas),  
Village: Patas,  
Tal- Daund, Dist- Pune



Your Service is Our Duty

**Sub: Grant of Consent to Establish under Red/LSI**

**Ref:** Minutes of Consent Appraisal Committee Meeting held on 28/7/2022

Your application No.MPCB-CONSENT-0000134996 Dated 24.03.2022

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 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:

- The consent to establish is granted for a period up to commissioning of the unit or up to 5 year whichever is earlier.**
- The capital investment of the project is Rs.328 Crs. (As per undertaking submitted by pp Existing CI is-Rs. Crs + Expansion/Increase in C.I. - Rs. Crs)**
- Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	Alkyl Phenols like : a) Ortho Tertiary Butyl Phenol b) Para Tertiary Butyl Phenol c) Di Tertiary Butyl Phenol d) 6, Tertiary Butyl Ortho Cresol e) 4,6 Di tertiary butyl Ortho Cresol f) Other Similar Alkyl Phenols	24000	MT/A
2	Para/Ortho Tertiary Butyl Cyclohexanol & Para / Ortho Tertiary Butyl Cyclohexyl Acetate & Para/Ortho Tertiary Butyl Cyclohexyl Acetate Super & Phenyl Ethyl Alcohol (PEA) Phenyl Ethyl Acetate ( PEA Acetate)	18000	MT/A
3	Styrallyl Acetate	1200	MT/A
4	Salicylic Acid and its Esters like Benzyl Salicylate, Hexyl Salicylate, Amyl Salicylate	18000	MT/A
5	Esters of Di Cyclo Penta Diene like Verdyl Acetate, Verdyl propionate and Verdyl isobutyrate	5400	MT/A
6	Recovered Methanol	4800	MT/A



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

<i>Sr No</i>	<i>Description</i>	<i>Permitted (in CMD)</i>	<i>Standards to</i>	<i>Disposal Path</i>
1.	Trade effluent	297	As per Schedule-I	Recycle 100% to achieve ZLD
2.	Domestic effluent	25	As per Schedule-I	On land for gardening

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

<i>Sr No.</i>	<i>Stack No.</i>	<i>Description of stack / source</i>	<i>Number of Stack</i>	<i>Standards to be achieved</i>
1	S-1	BOILER	1	As per Schedule -II
2	S-2	BOILER	1	As per Schedule -II
3	S-3	DG SET (1000 KVA)	1	As per Schedule -II
4	S-4	Process Vent (Scrubber No. 1)	1	As per Schedule -II
5	S-5	Process Vent (Scrubber No. 2)	1	As per Schedule -II
6	S-6	Process Vent (Scrubber No. 3)	1	As per Schedule -II
7	S-7	Process Vent (Scrubber No. 4)	1	As per Schedule -II
8	S-8	Process Vent (Scrubber No. 5)	1	As per Schedule -II
9	S-9	Process Vent (Scrubber No. 6)	1	As per Schedule -II
10	S-10	Process Vent (Scrubber No. 7)	1	As per Schedule -II
11	S-11	Process Vent (Scrubber No. 8)	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

<i>Sr No</i>	<i>Type of Waste</i>	<i>Quantity</i>	<i>UoM</i>	<i>Treatment</i>	<i>Disposal</i>
1	Canteen Waste	0.1	MT/Day	Composting	Used as manure
2	Office trash ( Papers and other sweep material - mask, napkins etc)	0.1	MT/Day	Sale	Sale to authorized party
3	Boiler (Briquette Ash)	20	MT/Day	Sale	Sale to Brick Manufacturer
4	Wooden Pallets	0.5	MT/Day	Sale	Sale to authorized party
5	Plastic/HDPE scrap	0.25	MT/Day	Sale	Sale to authorized party
6	Scrap MS/SS/Al/Cu etc	15	MT/Day	Sale	Sale to authorized party
7	Empty Paper and PP Bags	0.35	MT/Day	Sale	Sale to authorized party
8	Empty Carboys	20	MT/Day	Sale	Sale to authorized party
9	Empty Barrels	30	MT/Day	Sale	Sale to authorized party

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

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	35.3 Chemical sludge from waste water treatment	1.55	MT/Day	Landfill	CHWTSDF
2	36.1 Any process or distillation residue	7.066	MT/Day	Incineration	CHWTSDF
3	5.1 Used or spent oil	0.5	MT/Day	Recycle	Sale to authorised party
4	28.3 Spent carbon	0.0032	MT/Day	Incineration	CHWTSDF
5	20.2 Spent solvents	24.65	MT/Day	Recycle*	Sale to authorised party
6	35.2 Spent ion exchange resin containing toxic metals	0.0165	MT/Day	Incineration	CHWTSDF
7	21.1 Process wastes, residues and sludges	1.52	MT/Day	Incineration	CHWTSDF
8	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	0.144	MT/Day	Recycle*	Sale to authorised party
9	37.3 Concentration or evaporation residues	31.8	MT/Day	Landfill	CHWTSDF
10	Dilute Acetic Acids, Low Purity Distilled	4400	MT/M	Landfill	CHWTSDF

8. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
10. The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. SIA/MH/IND2/50295/2019 dated 27/10/2020
11. Industry shall install online continuous monitoring system as per CPCB guidelines & data to be transmitted directly from Data Logger to Board server .
12. The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before actual commencement of the Unit/Activity.
13. This consent is issued as per the minutes of Consent Appraisal Committee meeting held on 28/7/2022
- . This consent is issued as per communication letter dated 03/11/2022 which is approved by competent authority of the board.



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**Signed by: Dr. Y.B.Sontakke**  
Joint Director(WPC) & InCharge Of CAC-Cell  
For and on behalf of,  
**Maharashtra Pollution Control Board**  
cac-cell@mpcb.gov.in  
2022-11-15 17:35:08 IST





**Received Consent fee of -**

<b>Sr.No</b>	<b>Amount(Rs.)</b>	<b>Transaction/DR.No.</b>	<b>Date</b>	<b>Transaction Type</b>
1	656000.00	TXN2203003838	29/03/2022	Online Payment

**Copy to:**

1. Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pune II  
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai



## **SCHEDULE-I**

### **Terms & conditions for compliance of Water Pollution Control:**

1. A] As per your application, you have proposed to segregate trade effluent into weak stream & strong stream and provide Effluent Treatment Plant (ETP) comprising of:
  - i) **Strong COD/TDS stream of 200 CMD** - Treatment system comprising of Primary (Primary after stmnt) followed by Multi effect evaporator (3 stage). The MEE condensate is treated in weak stream ETP.
  - ii) **Weak COD/TDS stream of 97 CMD** - Treatment system comprising of Primary (Collection tank, Neutralization tank, Equalization tank, Flash mixer, Primary Clarifier/Primary Settling Tank), Secondary (Activated sludge process), Tertiary (Pressure sand filter, Activated carbon filter), Advance treatment (Reverse osmosis, Multi Effective Evaporator ( stage)) with design capacity of 350 CMD.
- B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent and recycle the entire treated effluent into the process for various purposes such as for cooling, process & Scrubbing with metering system so as to achieve Zero Liquid Discharge. There shall be no discharge on land or outside factory premises.
- C] The Industry shall ensure connectivity online monitoring system to the MPCB server including separate energy meter for pollution control system.
2. A] As per your application, you have provided Sewage Treatment Plant of designed capacity 25 CMD for the treatment of 25 CMD of sewage.
- B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

Sr.No	Parameters	Standards (mg/l)	
1	Suspended Solids	Not to exceed	50 mg/l
2	BOD 3 days 27°C	Not to exceed	30 mg/l
3	COD	Not to exceed	100 mg/l

- C] The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, sewage shall find its way outside factory premises.
3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.

5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

<b>Sr. No.</b>	<b>Purpose for water consumed</b>	<b>Water consumption quantity (CMD)</b>
1.	Industrial Cooling, spraying in mine pits or boiler feed	891.00
2.	Domestic purpose	25.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	120.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	0

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.



## **SCHEDULE-II**

### **Terms & conditions for compliance of Air Pollution Control:**

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

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	Boiler	Fabric Bag Filter Multi Cyclone	37.00	COAL 2500 Kg/Hr	0.5	TPM	150 Mg/Nm <sup>3</sup>
						SO2	25 Kg/Day
S-2	Boiler	Fabric Bag Filter Multi Cyclone	37.00	BRIQUETE 3333 Kg/Hr	-	TPM	150 Mg/Nm <sup>3</sup>
S-3	DG Set	Acoustic Enclosure	6.50	HSD 650 Ltr/Hr	1	TPM	150 Mg/Nm <sup>3</sup>
						SO2	-
S-4	Scrubber No. 1	Scrubber	9.00	-	-	Acid Mist	35 Mg/Nm <sup>3</sup>
S-5	Scrubber No. 2	Scrubber	9.00	-	-	Acid Mist	35 Mg/Nm <sup>3</sup>
S-6	Scrubber No. 3	Scrubber	9.00	-	-	Acid Mist	35 Mg/Nm <sup>3</sup>
S-7	Scrubber No. 4	Scrubber	9.00	-	-	Acid Mist	35 Mg/Nm <sup>3</sup>
S-8	Scrubber No. 5	Scrubber	9.00	-	-	Acid Mist	35 Mg/Nm <sup>3</sup>
S-9	Scrubber No. 6	Scrubber	9.00	-	-	Acid Mist	35 Mg/Nm <sup>3</sup>
S-10	Scrubber No. 7	Scrubber	9.00	-	-	Acid Mist	35 Mg/Nm <sup>3</sup>
S-11	Scrubber No. 8	Scrubber	9.00	-	-	Acid Mist	35 Mg/Nm <sup>3</sup>

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

### **SCHEDULE-III**

#### **Details of Bank Guarantees:**

<b>Sr. No</b>	<b>Consent (C2E/C2O/C2R)</b>	<b>Amt of BG Imposed</b>	<b>Submission Period</b>	<b>Purpose of BG</b>	<b>Compliance Period</b>	<b>Validity Date</b>
1	C to E	25 Lakh	15 Days	Towards compliance of Consent Conditions	31/7/2027	31/8/2028

#### **BG Forfeiture History**

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

#### **BG Return details**

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

### **SCHEDULE-IV**

#### **General Conditions:**

1. The Energy source for lighting purpose shall preferably be LED based
2. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
3. Conditions for D.G. Set
  - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
  - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
  - f) D.G. Set shall be operated only in case of power failure.
  - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - h) The applicant shall comply with the notification of 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.

4. The applicant shall maintain good housekeeping.
5. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
6. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
7. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
8. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can be downloaded from MPCB official site).
9. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
10. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
11. 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 an extension or addition thereto.
12. 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.
13. The PP shall provide personal protection equipment as per norms of Factory Act 1948
14. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
15. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
16. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
17. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
18. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.

19. Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website ([www.mpcb.gov.in](http://www.mpcb.gov.in)).
20. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
21. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
22. The industry should not cause any nuisance in surrounding area.
23. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
24. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
25. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
26. The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
27. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
28. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
29. 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.
30. 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 provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
31. You shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or 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.

32. 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).
33. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

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This certificate is digitally & electronically signed.

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# MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437  
Fax: 24023516  
Website: <http://mpcb.gov.in>  
Email: [cac-cell@mpcb.gov.in](mailto:cac-cell@mpcb.gov.in)



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

RED/L.S.I (R22)  
No:- Format1.0/CAC/UAN  
No.0000182767/CO/2402002371

Date: 29/02/2024

To,  
Eternis Chemicals Pvt.Ltd.  
Plot No.2 & 2/1, Additional MIDC Kurkumbh,  
Village - Patas, Tal-Daund, Dist-Pune.



**Sub: Consent to 1st Operate (Part), under RED category.**

**Ref:** 1. Environment Clearance vide No.SIA/MH/IND2/50295/2019 dated 27.10.2020.  
2. Minutes of 22nd CAC meeting dated 16.02.2024.

Your application No.MPCB-CONSENT-0000182767 Dated 28.09.2023

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 and Rule 18(7) 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:

- The consent to operate is granted for a period up to 31/10/2025**
- The capital investment of the project is Rs.25.825 Crs. (As per C.A Certificate submitted by industry Existing CI is-Rs. 25.825 Crs.)**
- Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	Salicylic Acid and its Esters like Benzyl Salicylate, Hexyl Salicylate, Amyl Salicylate	1200	MT/A

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

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	16	As per Schedule-I	Recycle 100% to achieve ZLD
2.	Domestic effluent	20	As per Schedule-I	On land for gardening

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

<b>Sr No.</b>	<b>Stack No.</b>	<b>Description of stack / source</b>	<b>Number of Stack</b>	<b>Standards to be achieved</b>
1	1	BOILER	1	As per Schedule -II
2	2	DG SET	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

<b>Sr No</b>	<b>Type of Waste</b>	<b>Quantity</b>	<b>UoM</b>	<b>Treatment</b>	<b>Disposal</b>
1	Empty Carboys	10.0	No/D	Collection	Sale to Auth. Party/ Recycler.
2	Empty Barrels (Non Hazardous)	50.0	No/D	Collection	Sale to Auth. Party/ Recycler.
3	Canteen Waste	0.10	MT/Day	Collection	Used as Manure
4	Office trash ( Papers and other sweep material - mask, napkins etc)	0.05	MT/Day	Collection	Sale to Auth. Party/ Recycler.
5	Boiler (Briquette Ash)	4.0	MT/Day	Collection	Landfilling / Sale to brick manufacturer.
6	Wooden Pallets	0.50	MT/Day	Collection	Sale to Auth. Party/ Recycler.
7	Scrap MS/SS/Al/Cu etc	5.0	MT/Day	Collection	Sale to Auth. Party/ Recycler.

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste:**

<b>Sr No</b>	<b>Category No./ Type</b>	<b>Quantity</b>	<b>UoM</b>	<b>Treatment</b>	<b>Disposal</b>
1	36.1 Any process or distillation residue	7.066	MT/Day	Incineration	CHWTSDF
2	35.3 Chemical sludge from waste water treatment	0.75	MT/Day	Landfill	CHWTSDF
3	5.1 Used or spent oil	0.010	MT/Day	Send to Authorized Party / CHWTSDF	Send to Authorized Party / CHWTSDF
4	21.1 Process wastes, residues and sludges	0.30	MT/Day	Incineration	CHWTSDF
5	37.3 Concentration or evaporation residues	5	MT/Day	Incineration	CHWTSDF

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
6	5.2 Wastes or residues containing oil	0.010	MT/Day	Send to Authorized Party / CHWTSDf	Send to Authorized Party / CHWTSDf
7	21.1 Process wastes, residues and sludges	0.003	MT/Day	Send to Authorized Party / CHWTSDf	Send to Authorized Party / CHWTSDf
8	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	0.10	MT/Day	Send to Authorized Party / CHWTSDf	Send to Authorized Party / CHWTSDf
9	Dilute Acetic Acids, Low Purity Distilled	100	MT/M	Landfill	CHWTSDf
10	21.1 Process wastes, residues and sludges	0.001	MT/Day	Incineration	CHWTSDf
11	20.2 Spent solvents	0.10	MT/Day	Recycle*	Sale to authorised party

8. **Conditions under Plastic Waste Management Rules, 2016 (Notification dtd. 18/03/2016):**

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	Plastic/HDPE scrap	0.02	MT/A	Sale to authorized recycler.
2	Empty Paper and PP Bags	0.05	MT/Day	Sale to authorized recycler.

9. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
10. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
11. This consent is issued pursuant to the decision of the 22nd Consent Appraisal Committee Meeting held on 16/02/2024.
12. The applicant shall comply with the conditions of the Environment Clearance vide No. SIA/MH/IND2/50295/2019 dated 27.10.2020.
13. Industry shall install online continuous monitoring system as per CPCB guidelines & data to be transmitted directly from Data Logger to Board server .
14. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent. (Operate/Renewal)
15. Industry shall collected High COD/TDS effluent 10 KL with RO Reject effluent in storage tank and will be and will be send to M/s. Eternis Fine Chemicals Ltd (EFCL) located at plot no. Plot Nos. D-9/1, 9/2, 9/3 & D-15, MIDC Kurkumbh plant through dedicated tankers till the fully developed (commissioning till new MEE plant).
16. Industry shall submit bank guarantee of Rs. 25 lakh towards O & M of pollution control systems and compliance of consent conditions.



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Signed by: **Dr.Avinash Dhakne**  
Member Secretary  
For and on behalf of,  
**Maharashtra Pollution Control Board**  
ms@mpcb.gov.in  
2024-02-29 15:44:26 IST

**Received Consent fee of -**

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	375000.00	MPCB-DR-21975	11/10/2023	RTGS

**Copy to:**

1. Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pune II  
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CC-CAC updating.



## SCHEDULE-I

### **Terms & conditions for compliance of Water Pollution Control:**

1. A] As per your application, you have segregated trade effluent into weak stream & strong stream and provided Effluent Treatment Plant (ETP) comprising of:
  - i) **Strong COD/TDS stream of 10 CMD** - Treatment system comprising of Primary (Collection tank, Neutralization tank, Equalization tank, Primary after stnt) , Reverse osmosis, Multi effect evaporator (3 stage) followed by ATFD. The MEE condensate is treated in weak stream ETP.
  - ii) **Weak COD/TDS stream of 6 CMD** - Treatment system comprising of Primary (Collection tank, Neutralization tank, Equalization tank), Secondary (Activated sludge process, Sequential batch reactor), Advance treatment (Reverse osmosis, Multi Effective Evaporator ( stage)) with design capacity of 100 CMD.
- B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent and recycle the entire treated effluent into the process for various purposes such as for cooling, process & Scrubbing with metering system so as to achieve Zero Liquid Discharge. There shall be no discharge on land or outside factory premises.
- C] The Industry shall ensure connectivity online monitoring system to the MPCB server including separate energy meter for pollution control system.
- D] The treated effluent shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, effluent shall find its way for gardening / outside factory premises.
2. A] As per your application, you have provided Sewage Treatment Plant of designed capacity 25 CMD for the treatment of 20 CMD of sewage.
- B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

Sr.No	Parameters	Standards (mg/l)	
1	Suspended Solids	Not to exceed	50
2	BOD 3 days 27°C	Not to exceed	30
3	COD	Not to exceed	100

- C] The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, sewage shall find its way for gardening / outside factory premises.
3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.

5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	65.00
2.	Domestic purpose	25.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	30.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	30

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.

#### SCHEDULE-II

##### **Terms & conditions for compliance of Air Pollution Control:**

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

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
1	BOILER	Fabric Bag Filter Multi Cyclone	37.00	COAL or BRIQUETTE 2500 Kg/Hr	0.5	TPM	150 Mg/Nm <sup>3</sup>
						So (Coal) or 72 Kg/Day (Briquette)	600 Kg/Day
						SO <sub>2</sub> (Briquette)	72 Kg/Day
2	DG Sets (1000 kVA)	Acoustic Enclosure Stack	6.50	HSD 650 Ltr/Hr	1	TPM	150 Mg/Nm <sup>3</sup>
						SO <sub>2</sub>	312 Kg/Day

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

### **SCHEDULE-III**

#### **Details of Bank Guarantees:**

<b>Sr. No</b>	<b>Consent (C2E/C2O/C2R)</b>	<b>Amt of BG Imposed</b>	<b>Submission Period</b>	<b>Purpose of BG</b>	<b>Compliance Period</b>	<b>Validity Date</b>
1	C to 1st O (Part)	2500000	15 days	Towards O & M of pollution control systems and compliance of consent conditions.	31.10.2025	30.04.2026

#### **BG Forfeiture History**

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

#### **BG Return details**

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

### **SCHEDULE-IV**

#### **General Conditions:**

1. The waste generator shall.-
  - a) take steps to minimize generation of plastic waste and segregate plastic waste at source in accordance with the Plastic Waste Management Rules, 2016 or as amended from time to time.
  - b) not litter the plastic waste and ensure segregated storage of waste at source and handover segregated waste to urban local body or gram panchayat or agencies appointed by them or registered waste pickers', registered recyclers or waste collection agencies;
2. All institutional generators of plastic waste, shall segregate and store the waste generated by them in accordance with the Plastic Waste Management Rules, 2016 amendment from time to time and handover segregated wastes to authorized waste processing or disposal facilities or deposition centers either on its own or through the authorized waste collection agency.
3. All waste generators shall pay such user fee or charge as may be specified in the byelaws of the local bodies for plastic waste management such as waste collection or operation of the facility thereof, etc.;
4. Every person responsible for organizing an event in open space, which involves service of food stuff in plastic or multilayered packaging shall segregate and manage the waste generated during such events in accordance with the Plastic Waste Management Rules, 2016 amendment from time to time.
5. The Energy source for lighting purpose shall preferably be LED based
6. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant



7. Conditions for D.G. Set
  - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
  - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
  - f) D.G. Set shall be operated only in case of power failure.
  - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - h) The applicant shall comply with the notification of 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.
8. The applicant shall maintain good housekeeping.
9. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
10. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
11. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding upon you.
12. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can be downloaded from MPCB official site).
13. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
14. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
15. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
16. 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.
17. You shall operate OCEMS installed for source emission round 'O' clock and transmit data online to CPCB and MPCB server. You shall also monitor effluent quality, stack emissions and ambient air quality monthly/quarterly. You shall conduct Dioxin Furan monitoring by third party NABL Accredited agency once in year and submit report to Sub Regional Officer.
18. You shall ensure collection, and segregation of BMW regularly to treat and dispose Off within 48 hrs from generation.



19. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
20. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
21. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
22. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
23. You shall not Rent, Lend, Sell, Transfer or Close Down the facility or otherwise transport the Bio Medical waste for any other purpose without obtaining prior written permission of the MPC Board.
24. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
25. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
26. The industry should not cause any nuisance in surrounding area.
27. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
28. You shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the facility premises.
29. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
30. 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 an extension or addition thereto
31. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.

32. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
33. 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.
34. 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 provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
35. You should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly. You shall conduct Dioxin Furan monitoring by third party NABL Accredited agency once in every year and submit report to Sub Regional Officer.
36. 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).
37. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
38. You shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or 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.
39. You shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website ([www.mpcb.gov.in](http://www.mpcb.gov.in)).
40. You shall create the Environmental Cell by appointing an Environmental Engineer and Chemist for looking after day-to-day activities related to compliance of CCA.
41. You should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 , Bio Medical Waste Management Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year in Form-IV by 30th June of every year

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This certificate is digitally & electronically signed.

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## PROJECT STATUS REPORT

### BACKGROUND

<b>EC No.</b>	:	File No : SIA/MH/IND2/50295/2019 dated: 27th October 2020. EC Name change received on 22.11.2023 as Eternis Chemicals Private Limited
<b>Project Name</b>	:	M/s. ETERNIS Chemicals Private Limited.
<b>Project location</b>	:	Plot No. 2 & 2/1, Village Patas, Additional MIDC Kurkumbh (Patas), Taluka Daund, District Pune, Pin – 413 802.
<b>Developer name</b>	:	M/s. ETERNIS Chemicals Private Limited.
<b>Developer address</b>	:	M/s. ETERNIS Chemicals Private Limited. Plot No. 2 & 2/1, Village Patas, Additional MIDC Kurkumbh (Patas), Taluka Daund, District Pune, Pin – 413 802.

### PROJECT STATUS

	<b>Status Updated on</b>	<b>20.06.2024</b>
1.	Excavation details	25 % excavation completed.
<b>Construction Details : - This project is under construction and 1<sup>st</sup> phase is in commissioning stage.</b>		
1.	Storage house for Raw Material	30 % work is completed.
2.	ETP	40 % work is completed.
3.	RWH	35 % work is completed.
4.	Storage house for finished product	20 % work is completed.
5.	Office	20 % work is completed.
6.	Lab and R & D	20 % work is completed.
7.	Storm water drains	15 % work is completed.
8.	Internal Road	10 % work is completed.
9.	Solid waste facility	20 % work is completed.
10.	Gardening & Landscaping	30 % work is completed.

**Place – Additional Kurkumbh (Patas) MIDC, Pune**

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