

Your (Half Yearly Compliance Report) has been Submitted with following details

Proposal No	SEIAA-STATEMENT-0000000482
Compliance ID	124805884
Compliance Number(For Tracking)	EC/M/COMPLIANCE/124805884/2025
Reporting Year	2024
Reporting Period	01 Jun(01 Oct - 31 Mar)
Submission Date	05-05-2025
RO/SRO Name	Shri Senthil Kumar Sampath
RO/SRO Email	agmu156@ifs.nic.in
State	MAHARASHTRA
RO/SRO Office Address	Integrated Regional Offices, Nagpur
<b>Note:-</b> SMS and E-Mail has been sent to Shri Senthil Kumar Sampath, MAHARASHTRA with Notification to Project Proponent.	

**Half Yearly Compliance Report****2024****01 Jun(01 Oct - 31 Mar)****Acknowledgement**

<b>Proposal Name</b>		M/s. NGL Fine Chem Limited at Plot on. S-18/3, MIDC Tarapur, Tal. and Dist. Palghar for API and Intermediates chemical manufacturing	
<b>Name of Entity / Corporate Office</b>		M/s.NGL Fine Chem Ltd.,	
<b>Village(s)</b>		N/A	
<b>District</b>		PALGHAR	
<b>Proposal No.</b>	SEIAA-STATEMENT-0000000482	<b>Category</b>	Industrial Projects - 3
<b>Plot / Survey / Khasra No.</b>	N/A	<b>Sub-District</b>	N/A
<b>State</b>	MAHARASHTRA	<b>Entity's PAN</b>	*****4805H
<b>MoEF File No.</b>	SEIAA-EC-0000000294	<b>Entity name as per PAN</b>	NGL FINE CHEM LIMITED

**Compliance Reporting Details**

<b>Reporting Year</b>	2024
<b>Remarks (if any)</b>	M/s. NGL Fine Chem Limited for manufacturing of API and Intermediates at Plot on. S-18/3, MIDC Tarapur, Tal. and Dist. Palghar
<b>Reporting Period</b>	01 Jun(01 Oct - 31 Mar)

**Details of Production and Project Area**

<b>Name of Entity / Corporate Office</b>	M/s.NGL Fine Chem Ltd.,	
	<b>Project Area as per EC Granted</b>	<b>Actual Project Area in Possession</b>
Private	0.9174	0.9174
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	0.9174	0.9174

**Production Capacity**

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Diminazene Aceturate	Tons per Annum (TPA)	31/01/2030	144	0	144
2	Isometamidium Chloride Hydrochloride	Tons per Annum (TPA)	31/01/2030	1.2	0	1.2
3	Homidium Chloride / Homidium Bromide	Tons per Annum (TPA)	31/01/2030	5.4	0	5.4
4	Nitroxynil FP	Tons per Annum (TPA)	31/01/2030	6	0	6
5	Clorsulon USP	Tons per Annum (TPA)	31/01/2030	12	0	12
6	Buparvaquone	Tons per Annum (TPA)	31/01/2030	4.8	0	4.8
7	Parvaquone	Tons per Annum (TPA)	31/01/2030	3	0	3
8	Imidocarb Dipropionate	Tons per Annum (TPA)	31/01/2030	12	0	12
9	Amitraz	Tons per Annum (TPA)	31/01/2030	6.0	0	6.0
10	TCA (Trichloro vinyl aniline)	Tons per Annum (TPA)	31/01/2030	18	0	18
11	Febuxostat	Tons per Annum (TPA)	31/01/2030	24	0	24
12	Praziquantel	Tons per Annum (TPA)	31/01/2030	36	0	36
13	TMTA (Trimethyl triazacyclononane)	Tons per Annum (TPA)	31/01/2030	9.996	0	9.996
14	Ranolazine	Tons per Annum (TPA)	31/01/2030	24	0	24
15	Ractopamine Hydrochloride	Tons per Annum (TPA)	31/01/2030	18	0	18
16	Lumefantrine	Tons per Annum (TPA)	31/01/2030	6	0	6

## Conditions

### Specific Conditions

Sr.No.	Condition Type	Condition Details
1	GREENBELT	PP to ensure 33 percent green cover within the plant premises
<b>PPs Submission:</b> Complied Project proponent has consented to condition. Started the plantation in company premises. The photocopies of the same enclosed for your reference.		Date: 28/04/2025
2	Statutory compliance	PP to provide full time security guard at the Emergency Exit gate.
<b>PPs Submission:</b> Complied Three numbers security guard have deputed at emergency exit gate.		Date: 28/04/2025
3	AIR QUALITY MONITORING AND PRESERVATION	PP to use only Imported Coal having ash content less than 15 percent.
<b>PPs Submission:</b> Complied Project proponent has consented to condition. Presently the industry/plant is under construction.		Date: 29/04/2025
4	Statutory compliance	PP informed that their plant is Zero Liquid Discharge but the same is not mentioned by PP in the Consolidated Statement point No. 37. PP to submit an affidavit/undertaking regarding provision of Zero Liquid Discharge.
<b>PPs Submission:</b> Complied Affidavit for operating proposed unit as Zero Liquid Discharge is submitted to State Level Environment Impact Assessment Authority, Maharashtra; copy of affidavit is enclosed for your reference.		Date: 28/04/2025
5	AIR QUALITY MONITORING AND PRESERVATION	PP to submit calculation for use of hydrogen gas in the reaction, consumption of hydrogen gas and quantity of hydrogen gas emitted to atmosphere.
<b>PPs Submission:</b> Complied Project proponent has consented to condition. Presently the industry/plant is under construction. Project proponent has submitted calculation of use of hydrogen gas in the reaction to authority, i.e. to manufacture 500 kg DMA per day 22.1 kg hydrogen is being consumed. Hydrogen gas emitted to atmosphere is 0.777 kg.		Date: 28/04/2025
6	Risk Mitigation and Disaster Management	PP to submit copy of On Site/ Off Site emergency plan; PP also to submit the same to district authorities
<b>PPs Submission:</b> Complied Project proponent has submitted copy of onsite/off site emergency plan to the District Collector of Palghar; acknowledgment copy is enclosed		Date: 29/04/2025

### General Conditions

Sr.No.	Condition Type	Condition Details
1	Statutory compliance	No additional land shall be used /acquired for any activity of the project without obtaining proper permission



<b>PPs Submission:</b> Complied Project proponent has consented to condition; no additional land will be used/acquired for any activity of the project without obtaining prior environmental clearance.		Date: 29/04/2025
2	WASTE MANAGEMENT	PP to achieve Zero Liquid Discharge ; PP shall ensure that there is no increase in the effluent load to CETP
<b>PPs Submission:</b> Complied Project proponent has provided ETP plant along with MEE to achieve Zero Liquid discharge. The details are enclosed for your reference.		Date: 29/04/2025
3	Human Health Environment	PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.
<b>PPs Submission:</b> Complied Occupation health surveillance of the employees/workers is being done and records are maintained as per Factories Act. The copy of the form 7 enclosed for your reference.		Date: 29/04/2025
4	Human Health Environment	Proper Housekeeping programmers shall be implemented
<b>PPs Submission:</b> Complied Project proponent implemented proper housekeeping program to keep neat and clean the working environment.		Date: 29/04/2025
5	Risk Mitigation and Disaster Management	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 achieve.
<b>PPs Submission:</b> Complied Project proponent has consented to condition. D.G. set 1000KVA installed to mitigate failure of pollution control system.		Date: 29/04/2025
6	AIR QUALITY MONITORING AND PRESERVATION	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable).
<b>PPs Submission:</b> Complied DG set with capacity 1000 KVA installed with stack of 12 m height to to ensure proper dispersion and control of pollutants.		Date: 05/05/2025
7	WATER QUALITY MONITORING AND PRESERVATION	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
<b>PPs Submission:</b> Complied The project proponent has provided under ground tank system designed for the purpose of rain water harvesting and ground water recharge. The details layout drawing enclosed for your reference.		Date: 05/05/2025
8	WASTE MANAGEMENT	Arrangement shall be made that effluent and storm water does not get mixed
<b>PPs Submission:</b> Complied Separate drainage line provided at project site, plot layout showing details of storm water drainage line is enclosed		Date: 05/05/2025
9	WATER QUALITY MONITORING AND PRESERVATION	Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.

<b>PPs Submission:</b> Complied Monitoring has done through MoEF and CC NABL approved laboratory which are well within the limits. report copies are attached		Date: 05/05/2025
10	Noise Monitoring & Prevention	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.
<b>PPs Submission:</b> Complied PPE such as earplugs, earmuffs are provided to workers working in high .Noise level monitoring has done through MoEF CC NABL approved laboratory report copy is enclosed.		Date: 05/05/2025
11	Noise Monitoring & Prevention	The overall noise levels in and around the plant are shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.
<b>PPs Submission:</b> Complied Noise control measures will be provided to all noise generating devices/sources. Noise level monitoring has done through MoEF CC and NABL approved laboratory report copy is enclosed.		Date: 05/05/2025
12	GREENBELT	Green belt shall be developed and 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.
<b>PPs Submission:</b> Complied Tree Plantation work done with consultation of local authority. The photo copies enclosed for your reference.		Date: 29/04/2025
13	Risk Mitigation and Disaster Management	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.
<b>PPs Submission:</b> Complied Project proponent has consented to condition. Hydrogen gas Leak detection devices installed for early detection and warning.		Date: 05/05/2025
14	Human Health Environment	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.
<b>PPs Submission:</b> Complied Occupational health surveillance of the workers done on a regular basis and record maintained as per Factories Act. The Form 7 copy enclosed.		Date: 29/04/2025
15	Risk Mitigation and Disaster Management	The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
<b>PPs Submission:</b> Complied Project proponent has consented to condition. Industry has obtained Final fire NOC from MIDC; copy is enclosed		Date: 05/05/2025
16	WASTE MANAGEMENT	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.
<b>PPs Submission:</b> Complied The industry is being strictly complied with rules and regulations for hazardous waste handling, collection, storage, and disposal. The company has obtained NOC/ authorization for the collection, storage, and disposal of hazardous waste from the MPCB Vide Consent No. Format1.0/AS(T)/UAN No.MPCB-CONSENT-0000228164/CO/2501003027 dated 30.01.2025 and valid up to 31.01.2030. The consent to operate copy enclosed for your reference.		Date: 05/05/2025
17	Risk Mitigation and Disaster Management	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.
<b>PPs Submission:</b> Complied Periodic mock-drills are being carried out to identify required changes in the on-site emergency management plan; the same is being updated as per requirement.		Date: 29/04/2025
18	Statutory compliance	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
<b>PPs Submission:</b> Complied A separate environmental management cell has developed; copy enclosed for your reference.		Date: 05/05/2025
19	Statutory compliance	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 and this department
<b>PPs Submission:</b> Complied Project proponent has consented to condition. The cost details enclosed for your reference.		Date: 05/05/2025
20	Statutory compliance	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://ec.maharashtra.gov.in">http://ec.maharashtra.gov.in</a>
<b>PPs Submission:</b> Complied Complied. Proponent has published EC advertisement in local newspapers : Lokmat Mumbai edition dated 24.5.2018 Vartahar Mumbai edition on 24.5.2018, copies are enclosed		Date: 05/05/2025
21	Statutory compliance	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard and soft copies to the MPCB and this department, on 1st June and 1st December of each calendar year.
<b>PPs Submission:</b> Complied The project proponent has consented to the condition. The last six-monthly environmental compliance reports for the period of May 2024 to October 2024 are submitted to respective authorities.		Date: 29/04/2025
22	Statutory compliance	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from

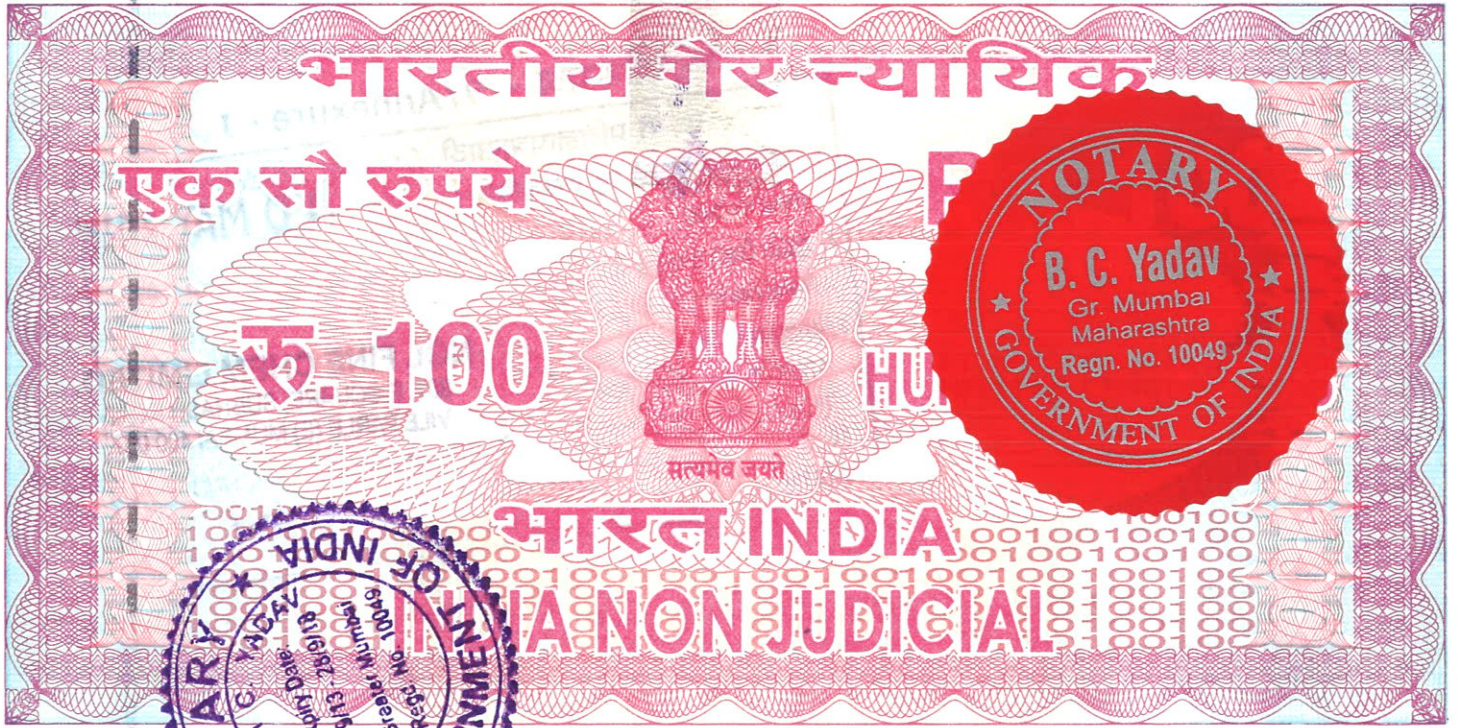
		whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
<b>PPs Submission:</b> Complied Project proponent has consented to condition. Environmental clearance letter has submitted to Naushad Ali Sarovar Samvardhini NGO, Mumbai dated 26.07.2019.		Date: 29/04/2025
23	AIR QUALITY MONITORING AND PRESERVATION	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.
<b>PPs Submission:</b> Complied The project proponent has uploaded the status of compliance with the stipulated conditions of environmental clearance with the results of monitored data on the company website. Website link - www.kalpsutra.com.		Date: 29/04/2025
24	Statutory compliance	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 of MoEF, the respective Zonal Office of CPCB and the SPCB
<b>PPs Submission:</b> Complied The project proponent has been uploaded the status of compliance with the stipulated conditions of environmental clearance with results of monitored data on a company website, website link - www.kalpsutra.com. Currently plant is in in construction stage. The Ambient monitoring through MoEF CC and NABL laboratory. Obtained results are well within the limit. Reports are enclosed		Date: 05/05/2025
25	Statutory compliance	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.
<b>PPs Submission:</b> Complied Project proponent has consented to condition. The plant comes in construction phase. Once it is in operational phase we will submit the Form V.		Date: 05/05/2025
26	Statutory compliance	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>PPs Submission:</b> Complied Project proponent has consented to condition.		Date: 29/04/2025
27	Statutory compliance	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>PPs Submission:</b> Complied Project proponent has consented to condition.		Date: 29/04/2025
28	Statutory compliance	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>PPs Submission:</b> Complied Project proponent has consented to condition		Date: 29/04/2025
29	Statutory compliance	Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D- Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
<b>PPs Submission:</b> Complied Not applicable		Date: 29/04/2025
30	Statutory compliance	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 Honble 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>PPs Submission:</b> Complied There is no litigation pending against the project.		Date: 29/04/2025
31	Statutory compliance	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>PPs Submission:</b> Complied Project proponent has consented to condition.		Date: 29/04/2025
32	Statutory compliance	Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF CC Notification dated 29th April, 2015.
<b>PPs Submission:</b> Complied Project proponent has consented to condition.		Date: 29/04/2025
<b>Visit Remarks</b>		

<b>Last Site Visit Report Date:</b>	N/A
<b>Additional Remarks:</b>	Currently plant is in construction phase. So there is no production and Haz. waste generation from the unit.

**Note:** This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.

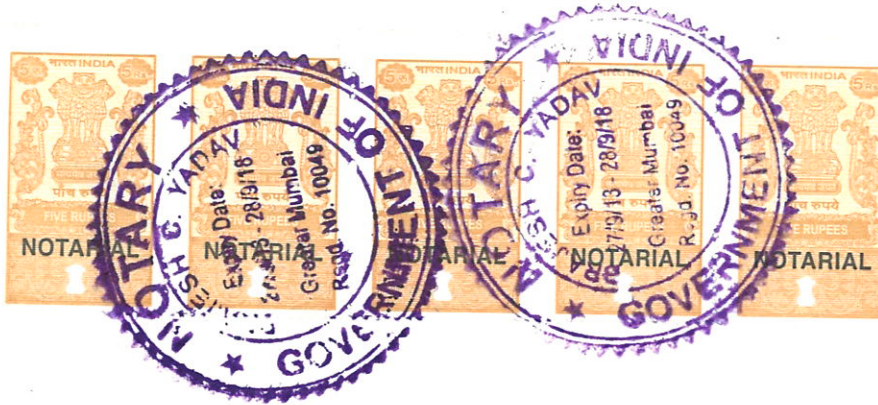




महाराष्ट्र MAHARASHTRA

2018

TM 533714



प्रधान मुद्रांक कार्यालय, मुंबई  
प.म.वि.क्र. ८०००००८  
- 8 MAY 2018  
सक्षम अधिकारी

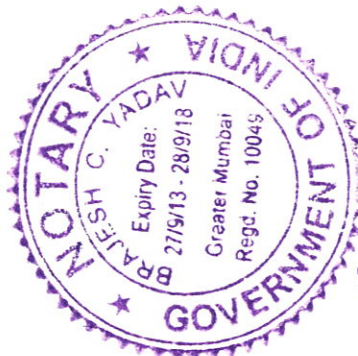
श्री. दि. क. जवा

### Affidavit for Zero Liquid Discharge

We, M/s. NGL Fine-Chem Ltd. hereby declare that we shall install a full fledged ETP comprising of MEE, ATFD and R.O along with primary, secondary and tertiary treatment to treat the effluent. Out of the total effluent generated, total quantity will be recycled within the plant premises as the CETP at Tarapur MIDC is not functioning as per the CPCB/MPCB norms. Thus, the proposed project will not entail any additional effluent load on the CETP, Tarapur.

For NGL FINE CHEM LTD.

*Rajesh C. Yadav*  
Authorized Signatory



*Brajaesh C. Yadav*  
10/5/18  
BRAJESH C. YADAV  
ADVOCATE & NOTARY  
GOVT. OF INDIA  
Flat No. 505, Bldg. No. 21-G, Laxmi C.H.S.,  
Sangharsh Nagar, Chandivali Farm Road,  
Ancheri (East), Mumbai - 400 072.

जोडपत्र - 9/Annexure - I

फक्ते प्रतिज्ञापत्रासाठी Only for Affidavit  
के नोंद वही अनु. क्रमांक/दिनांक

9. मुद्रांक विक्रि नॉट बही अनु. क्रमांक/दिनांक  
(Serial No./Date)

368 10 MAY 2018

2. मुद्रांक विक्रेता घेणाऱ्याचे नाव, पहिल्यांदाचा प्रयास आहे.  
(Stamp Purchaser's Name & Signature)

3. परवानाधारक द्वारा विनिर्देशित  
परवाना प्राप्त करने के लिए  
मुद्रा : विनिर्देशित  
शिपिंग : विनिर्देशित

**NGL FINE CHEM LIMITED.**  
301, E-SQUARE, SUBHASH ROAD  
VILE PARLE (E) MUMBAI 400 057.

301, E-SQUARE, SUBHASH ROAD  
VILE PARLE (E) MUMBAI 400 057.

**NGL FINE CHEM L**  
301, E-SQUARE, SUBHAS  
**VILE PARLE (E) MUMBAI**











# NGL Fine-Chem Limited

Plot no. F-11, MIDC Boisar-Tarapur Industrial Area, District – Palghar. 401 506, Maharashtra, India.

Tel.: (02525) 605574 / 605575

alc

Date: 17/08/2017

To

Collector office, Palghar  
Dist. Palghar  
Maharashtra.

**Sub: Submission of On-Site and Off-Site Emergency Plan.**

Respected Sir,

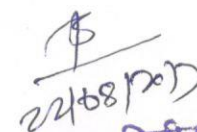
Here with we are submitting **On-Site and Off-Site Emergency Plan** for our proposed API manufacturing unit of NGL Fine Chem Limited situated at plot no. S-18/3 Tarapur-Boisar MIDC for your kind reference.

Kindly receive it and acknowledge the same.

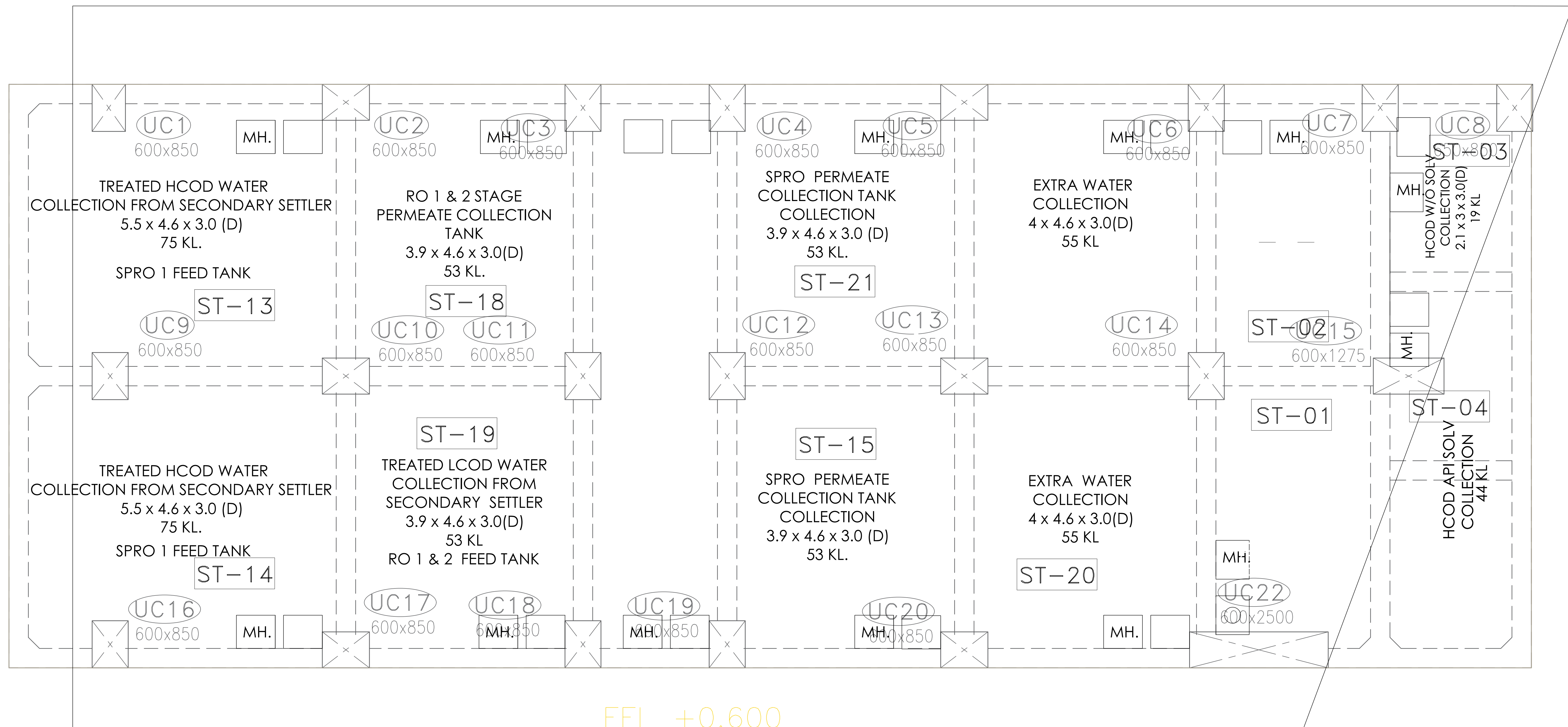
Thanking You,

Yours truly  
For NGL Fine chem. Limited

  
General Manager.

  
आवक लिपीक  
जिल्हाधिकारी कार्यालय, पालघर

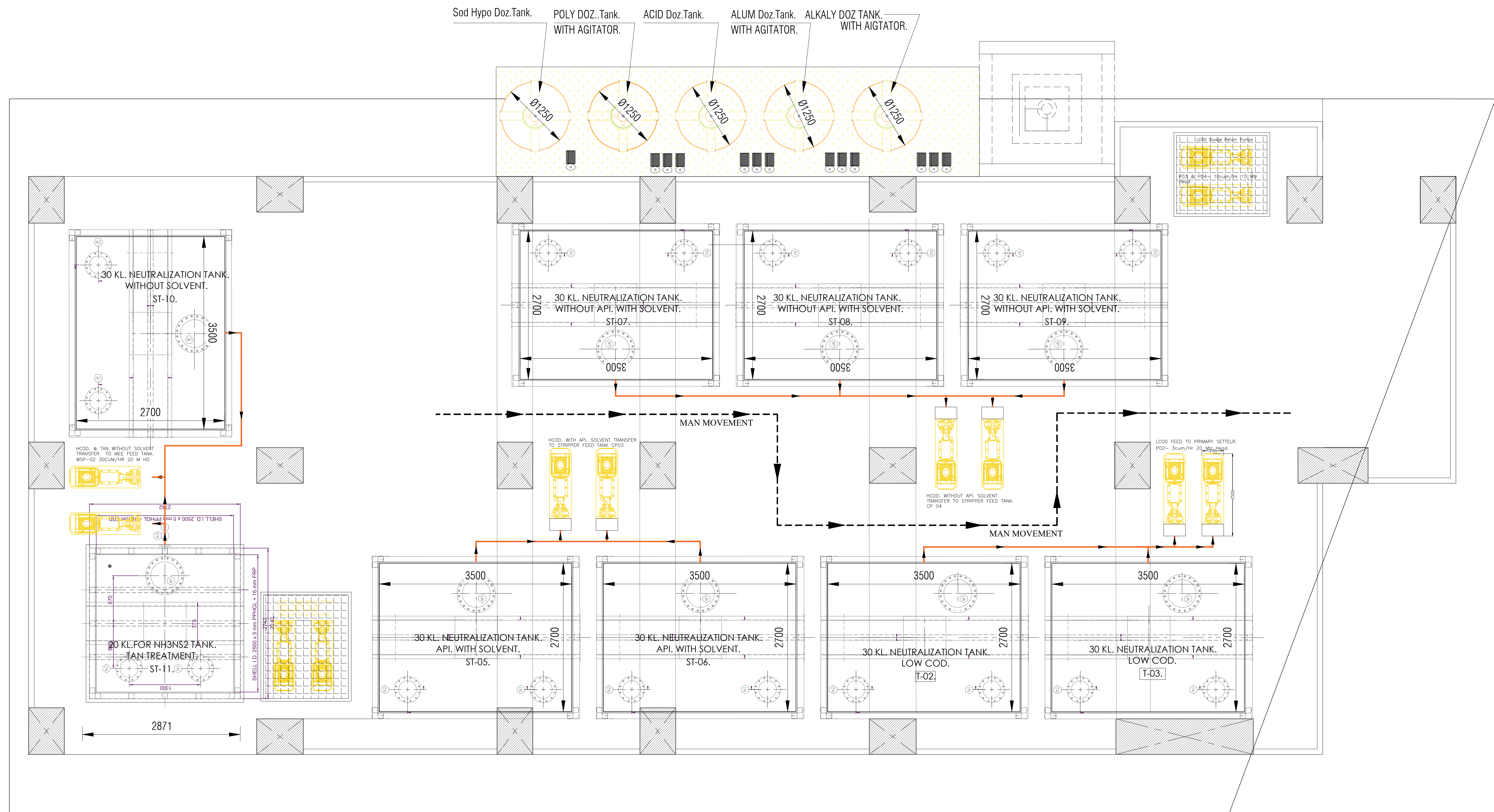




ETP – UG TANKS

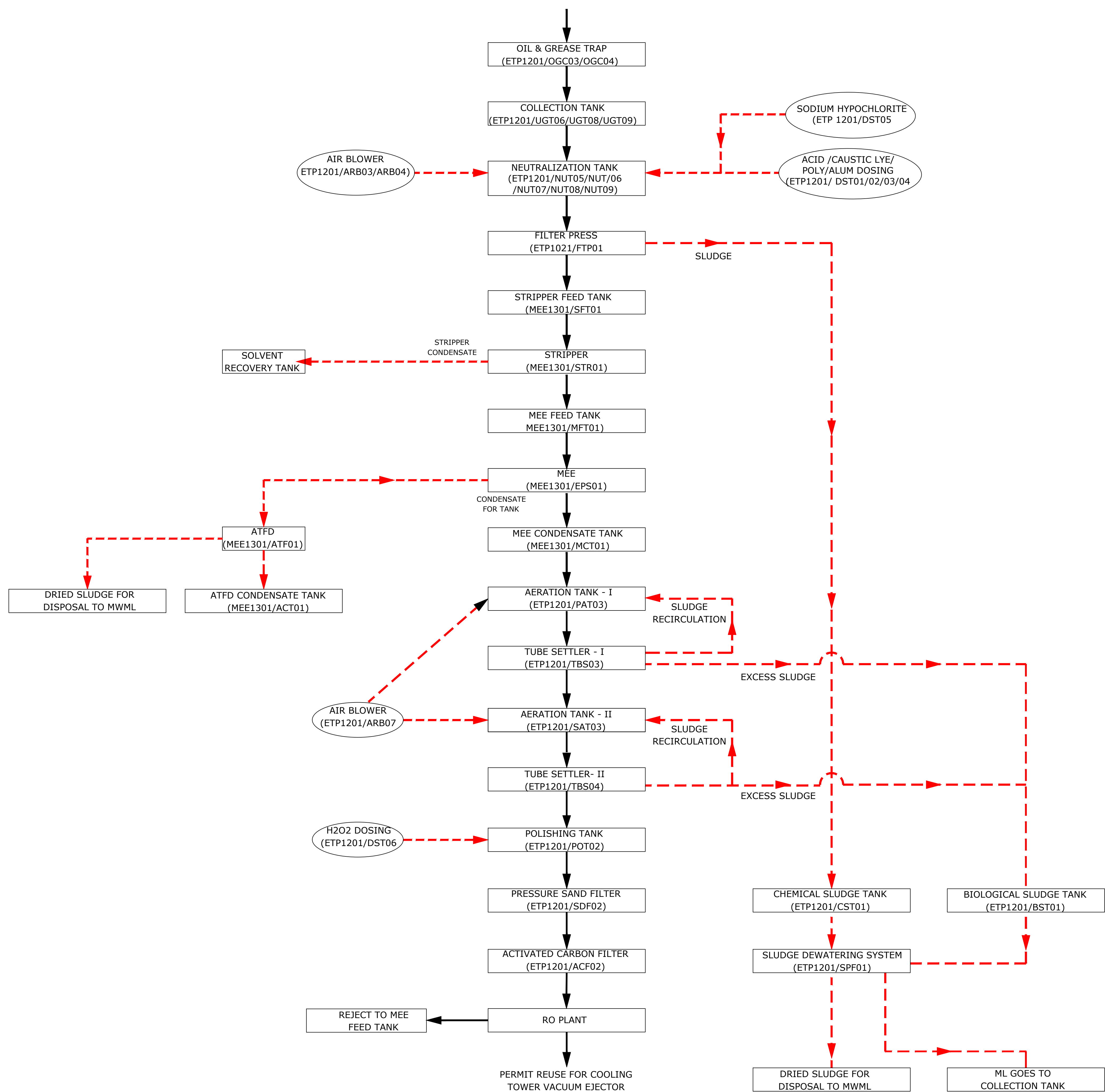






ETP — LAYOUT AT 5.6 M LEVEL  
NEW EQUIPMENT DRAWING

RAW HIGH COD (WITH SOLVENT) EFFLUENT



Revision History		
Sr. No.	Revision No.	Reason for Change
1	00	New Drawing
<div><div></div><div><div>NGL FINE-CHEM LTD.</div><div>Unit No.4, S-18/3 MIDC, Tarapur Industrial Area, Boisar, District-Palghar, 401 506, Maharashtra, India.</div></div></div>		
Drawing Name		HCOD WITH SOLVENT PFD
Drawing Number		NGL/PFD/HCOD/01
Effective Date		
Activity	Name	Sign & Date
Prepared By		
Reviewed By		
Approved By		

## FORM NO. 7

(See Rule 18 (7) and schedules II, III, IV, VI, VII, X, XII, XIV, XV, XVII, XVIII and XX Rule 11(4) [Prescribed under Rule 18(7)] No. 7

DR. SUSHIL V. POTDAR

## HEALTH REGISTER

[ In respect of persons employed in occupations declared to be dangerous operations under section 87 ]

Notes:

(i) Column 8- Detailed summary of reason for transfer or discharge should be stated.  
(ii) Column 11- Should be expressed as Fit/Unfit/suspended.

COMPANY NAME - NGL Fine Chem Ltd.

Address : Plot No. S-18, MIDC Tarapur, Bolser, Tal &amp; Dist. Palghar, MH-401506.

From:	28.10.2024
To:	27.10.2025

Sr. No.	TEST NO.	Employee No.	Name Of Employee	AGE (Last Birth day)	SEX	Date of employment of present work	Date of leaving or transfer to other	Reason for leaving transfer or discharge	Nature Of Job Or occupation	Raw material or product handled	Date Of examination	Result Of medical examination	If suspended state period with reason	Rectified fit to resume duty On sign of certifying surgeon	If certificate of unfitness or suspension issued To	Signature with date of certifying surgeon
1	192		Raju Singh	29	Male	NA	NA	NA	-	NA	28.10.2024	Fit For Job	NA			
2	193		Prashant Patil	28	Male	NA	NA	NA	-	NA	28.10.2024	Fit For Job	NA			
3	194		Harshal Mhatre	28	Male	NA	NA	NA	-	NA	28.10.2024	Fit For Job	NA			
4	195		Vipul Patil	31	Male	NA	NA	NA	-	NA	28.10.2024	Fit For Job	NA			
5	196		Jitendra Dhanu	48	Male	NA	NA	NA	-	NA	28.10.2024	Fit For Job	NA			
6	197		Sunil Chauhan	33	Male	NA	NA	NA	-	NA	28.10.2024	Fit For Job	NA			
7	201		Vishal Karande	34	Male	NA	NA	NA	-	NA	28.10.2024	Fit For Job	NA			
8	202	NO00431	Chintan Bhandari	32	Male	NA	NA	NA	Sr. Executive	NA	28.10.2024	Fit For Job	NA			
9	203	NO00406	Shridhar Tamse	51	Male	NA	NA	NA	Sr. Manager	NA	28.10.2024	Fit For Job	NA			
10	204	NO00427	Sneha Vanne	34	Female	NA	NA	NA	Officer	NA	28.10.2024	Fit For Job	NA			
11	206		Atish Patil	42	Male	NA	NA	NA	-	NA	28.10.2024	Fit For Job	NA			
12	208		Yograj Panaskar	27	Male	NA	NA	NA	-	NA	28.10.2024	Fit For Job	NA			
13	211		Ishwar Deo	34	Male	NA	NA	NA	-	NA	28.10.2024	Fit For Job	NA			
14	212		Bhagesh Tare	27	Male	NA	NA	NA	-	NA	28.10.2024	Fit For Job	NA			
15	213		Keval Bari	40	Male	NA	NA	NA	-	NA	28.10.2024	Fit For Job	NA			
16	214		Vaibhav Patil	41	Male	NA	NA	NA	-	NA	28.10.2024	Fit For Job	NA			
17	220		Prathamesh Dhok	28	Male	NA	NA	NA	-	NA	28.10.2024	Fit For Job	NA			

S.V. Potdar  
डॉ. सुशील वि. पोतदार

कारखाने अधिनियम 1948 च्या कलम 10(2) प्रमाणे

पालघर निव्हायकरीला दिनांक- ११/०९/२०२३ पासून १०/०९/२०२५ पर्यंत  
प्राधिकृत प्रमाणकशल्यचिकित्सक क्र. ACS35-SP/2018



20.00 M WIDE MIDC ROAD

20.00 M WIDE MIDC ROAD

BLOCK NO. 4  
(PROPOSED  
API-II TO API-VI  
& INTERMEDIATE AREA )  
25.50X 67.00M.

BLOCK No.1  
(WAREHOUSE, QC,  
MICROBIOLOGY LABORATORY,  
QA, ADMIN OFFICE  
AND INPROCESS LABORATORY)  
25.50 X 25.00M.

BLOCK NO.2  
(API-I, INTERMEDIATE PLANT,  
HYDROGENATION,  
WATER SYSTEM,  
DISTILLATION AND MEE)  
30.00 X 26.00M

EFFLUENT TREATMENTE PLANT  
AND HAZARDOUS WASTE  
STORAGE AREA  
22.20 X 13.00M

BOILER AREA  
18.00X10.00M

BLOCK No. 3  
(UTILITY)  
15.60X 6.00M

STP  
12.00 X 3.50M

DRUGS  
TROLLEY  
12.0X9.0M

PUMP  
ROOM

EXISTING U.G. TANK-3  
CAPACITY: 50,000 LIT  
RAIN WATER COLLECTION

PROPOSED  
DM WATER  
GENERATION PLANT  
12.00 X 4.15M

CARBON STORAGE  
ROOM  
9.00 X 4.15M

UNDER GROUND TANK FARM AREA  
21.00 X 20.00

UG TANK-1  
(FIRE FIGHTING)  
CAPACITY-450,000 LTR  
PUMP ROOM

5.00 Mtr. WIDE ROAD

6.00 Mtr. WIDE ROAD


6.00 Mtr. WIDE ROAD

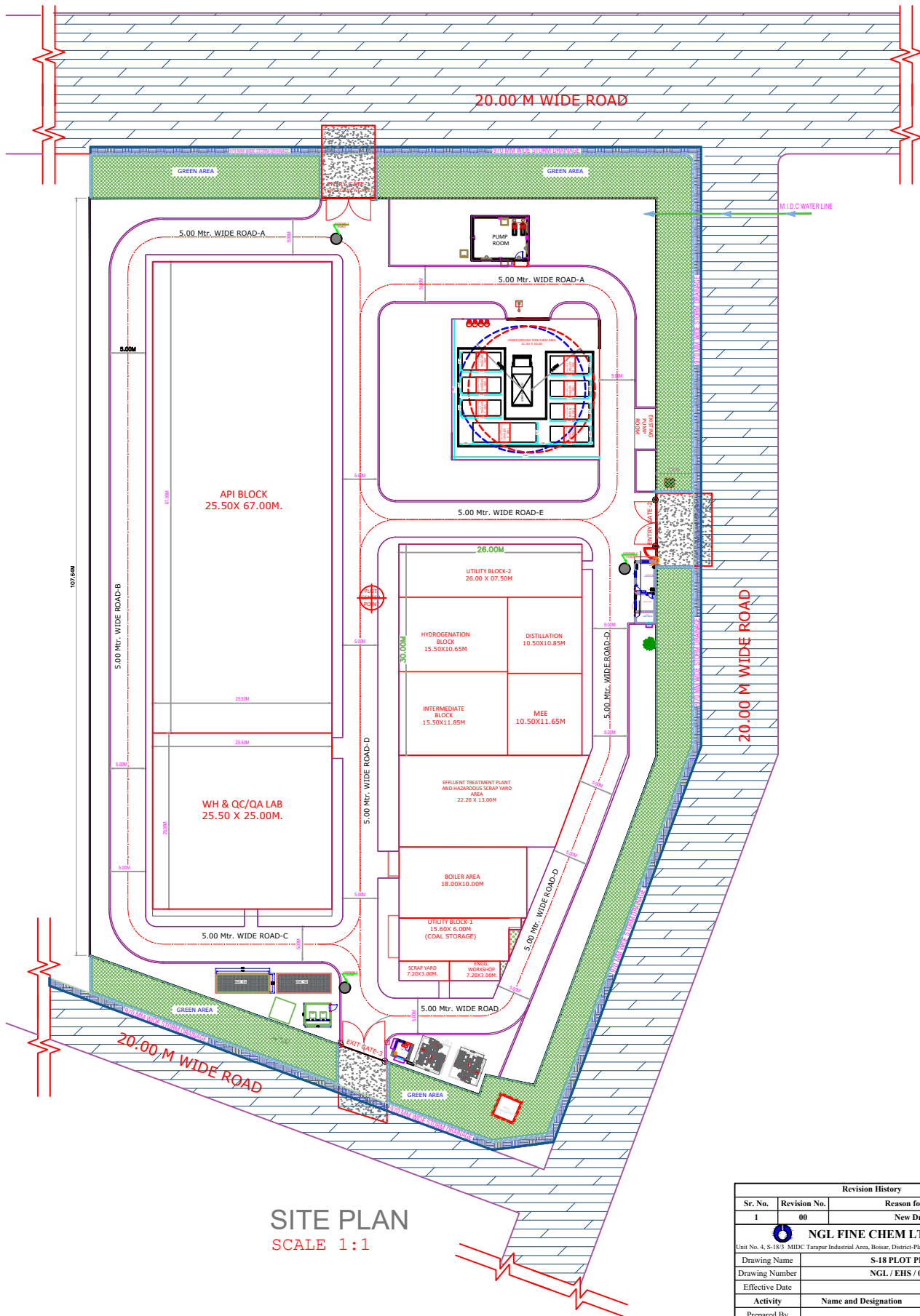
6.00 Mtr. WIDE ROAD

6.00 Mtr. WIDE ROAD

6.40 Mtr. WIDE ROAD

20.00 M WIDE MIDC ROAD

Revision History				
Sr. No.	Revision No.	Reason for Change		
1	00	New Drawing		
<div>NGL Fine-Chem Limited</div> <div>Unit No. 4, S-18/3 MIDC Tarapur Industrial Area, Boisar, District-Palghar, 401 506, Maharashtra, India.</div>				
Drawing Name		RAIN WATER HARVESTING PLAN		
Drawing Number		NGL / RWH / 01-00		
Effective Date				
Activity		Name	Designation	Sign & Date
Prepared By				
Reviewed By				
Approved By				



SITE PLAN  
SCALE 1:1

Revision History		
Sr. No.	Revision No.	Reason for Change
1	00	New Drawing
NGL FINE CHEM LTD.		
Unit No. 4, S-18/3 MIDC Tarapur Industrial Area, Boisar, District-Flughar, 401 506 Maharashtra India		
Drawing Name	S-18 PLOT PLAN	
Drawing Number	NGL / EHS / 01-00	
Effective Date		
Activity	Name and Designation	Sign & Date
Prepared By		
Reviewed By		
Approved By		



## ANALYSIS TEST REPORT

ANALYSIS TEST REPORT				
Report Number	SEETL250001274		Report Date	24/03/2025
Name of Client	M/s. NGL FINE CHEM LIMITED.			
Address of Client	Plot No. S-18/3, Sattar Banglow, M.I.D.C. Saravali, Boisar, Tal & Dist-Palghar			
Order/Reference	PO. No. PROJ/24-25/1066 Dated – 04/03/2025			
Sample Collection Date	17/03/2025		Sample Receipt Date	18/03/2025
Analysis Started On	18/03/2025		Analysis Completed On	24/03/2025
ULR Number	TC-122072500000880F			
Sampling Plan	SEETL/LD/F-03		Sampling SOP No.	SEETL/LD/SOP/WA-62
Environmental Condition Of Lab	Temp °C	25	Humidity %	53
Sampling Point	Kolawade Village			
Sample Details	Ground Water			
Sample Container	PVC Can		Sample Quantity	5000 ml
Sample Collected By	SEETL Representative			

### Chemical Parameters

Sr. No.	Parameters	Results	Unit	Method
1.	pH	7.23	-	IS 3025 (Part-11): 2022
2.	Electrical conductivity	286.00	μS/cm	APHA (24 <sup>th</sup> Edition) 2510-B :2023
3.	Color	<5.0	CU	IS 3025 (Part-4/4): 2021
4.	Odor	Agreeable	-	IS 3025 (Part-5):2018 RA 2022
5.	Turbidity	1.30	NTU	IS 3025 (Part-10): 2023
6.	Total Dissolved Solids	130	mg/lit	S 3025 (Part-16):2023
7.	Total Hardness as CaCO <sub>3</sub>	90.00	mg/lit	IS 3025 (Part 21/5):2009: RA 2023
8.	Total Alkalinity as CaCO <sub>3</sub>	87.55	mg/lit	IS 3025 (Part 23/10.1):2023
9.	Chloride as Cl	5.95	mg/lit	IS 3025 (Part 32/2):1988: RA 2019
10.	Residual Chlorine	<0.2	mg/lit	IS 3025 (Part-26/5):2021
11.	Sulphate as SO <sub>4</sub>	2.12	mg/lit	APHA (24 <sup>th</sup> Edition) 4500 SO <sub>4</sub> – E:2023
12.	Fluoride as F	<0.5	mg/lit	APHA (24 <sup>th</sup> Edition) 4500 F – D-2023
13.	Nitrate as NO <sub>3</sub>	<1.0	mg/lit	APHA (24 <sup>th</sup> Edition) 4500-NO <sub>3</sub> -B:2023
14.	Nitrite as NO <sub>2</sub>	<0.005	mg/lit	APHA (24 <sup>th</sup> Edition) 4500 NO <sub>2</sub> -B: 2023
15.	Phosphorous as PO <sub>4</sub>	<1.0	mg/lit	APHA (24 <sup>th</sup> Edition) 4500-P-C: 2023
16.	Cyanide as CN	<0.05	mg/lit	IS 3025 (Part-27/sec1/4):2021
17.	Calcium as Ca	20.84	mg/lit	IS 3025 (Part 40/5):1991: RA 2023
18.	Magnesium as Mg	9.24	mg/lit	IS 3025 (Part 46/6):2023
19.	Total Chromium	<0.03	mg/lit	IS 3025 (Part-52/6): 2003:RA 2023



*Trupti Mayekar*  
Authorized Signatory  
Trupti Mayekar

## ANALYSIS TEST REPORT

Report Number	SEETL250001274	Report Date	24/03/2025
Name of Client	M/s. NGL FINE CHEM LIMITED.		
Address of Client	Plot No. S-18/3, Sattar Banglow, M.I.D.C. Saravali, Boisar, Tal & Dist-Palghar		
Order/Reference	PO. No. PROJ/24-25/1066 Dated – 04/03/2025		
ULR Number	TC-122072500000880F		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/WA-62

Sr. No.	Parameters	Results	Unit	Method
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### Metal Analysis

20.	Aluminum as Al	0.051	mg/lit	IS 3025 (Part 65) :2022
21.	Barium as Ba	<0.01	mg/lit	
22.	Boron As B	<0.01	mg/lit	
23.	Copper as Cu	0.01	mg/lit	
24.	Iron as Fe	0.064	mg/lit	
25.	Manganese as Mn	<0.01	mg/lit	
26.	Selenium as Se	<0.0025	mg/lit	
27.	Silver as Ag	0.029	mg/lit	
28.	Zinc as Zn	<0.01	mg/lit	
29.	Cadmium as Cd	<0.0025	mg/lit	
30.	Lead as Pb	<0.01	mg/lit	
31.	Molybdenum as Mo	<0.01	mg/lit	
32.	Nickel as Ni	<0.01	mg/lit	
33.	Arsenic as As	<0.01	mg/lit	
34.	Antimony as Sb	<0.01		
35.	Chromium as Cr	<0.01		
36.	Sodium as Na	7.51	mg/lit	SEETL/LD/SOP-WA/38 : 2017
37.	Potassium as K	0.77	mg/lit	
38.	Mercury as Hg	<0.001	mg/lit	



*gmangal*  
 Authorized Signatory  
 Trupti Mayekar





# 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

SAVE WATER  
SAVE LIFE

## ANALYSIS TEST REPORT

Report Number	SEETL250001274	Report Date	24/03/2025
Name of Client	M/s. NGL FINE CHEM LIMITED.		
Address of Client	Plot No. S-18/3, Sattar Banglow, M.I.D.C. Saravali, Boisar, Tal & Dist-Palghar		
Order / Reference	PO. No. PROJ/24-25/1066 Dated – 04/03/2025		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/WA-62

### Chemical Analysis

Sr. No.	Parameter	Result	Unit	Method
1.	Ammonia	<0.5	mg/lit	IS 3025 (Part 34 sec 1):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.



*Trupti Mayekar*  
Authorized Signatory  
Trupti Mayekar

Page 3 of 4

Format No. SEETL/LD/F-72

**HIGH COD/TDS FACILITY :** Plot No. E-133 & P-196, Tarapur MIDC, Boisar, Dist. Palghar - 401506. ☎ : 8591159165 / 7304633868  
E-mail: evaporationssystem@sadekarenviro.com • Website : www.sadekarenviro.com

**GOA UNIT :** 310, Dempo Towers, EDC Patto, Panaji- 403001, Goa State, India. ☎ : (0832) 2437048 / 2437164  
E-mail: sadekarenviro@rediffmail.com • CIN No. U45209MH1998PTC-116379

## ANALYSIS TEST REPORT

Report Number	SEETL250001274		Report Date	24/03/2025
Name of Client	M/s. NGL FINE CHEM LIMITED.			
Address of Client	Plot No. S-18/3, Sattar Banglow, M.I.D.C. Saravali, Boisar, Tal & Dist-Palghar			
Order/Reference	PO. No. PROJ/24-25/1066 Dated – 04/03/2025			
Sample Collection Date	17/03/2025		Sample Receipt Date	18/03/2025
Analysis Started On	18/03/2025		Analysis Completed On	24/03/2025
Sampling Plan	SEETL/LD/F-03		Sampling SOP No.	SEETL/LD/SOP/WA-62
Environmental Condition Of Lab	Temp °C	25.2	Humidity %	55
ULR Number	TC-122072500000880F			
Sampling Point	Kolawade Village			
Sample Details	Ground Water			
Sample Container	Sterile Glass Bottle		Sample Quantity	250 ml
Sample Collected By	SEETL Representative			

### Microbiological Parameters

Sr.No.	Parameters	Results	Unit	Method
1.	Total coliforms at 37°C for 24 hrs.	<1.8	MPN index/100 ml	APHA (24 <sup>th</sup> Edition) 9221 B: 2023
2.	E.coli at 44.5°C for 24 hrs.	<1.8	MPN index/100 ml	APHA (24 <sup>th</sup> Edition) 9221 G: 2023

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

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



Authorized Signatory  
Sneha Pujare



## ANALYSIS TEST REPORT

Report No.	SEETL250001283	Report Date	25/03/2025
Name of Client	M/s. NGL FINE CHEM LIMITED.		
Address of Client	Plot No. S-18/3, Sattar Banglow, M.I.D.C. Saravali, Boisar, Tal & Dist-Palghar		
Order / Reference	PO NO. PROJ/24-25/1066 Dated-04-Mar-25		
Date of Monitoring	17/03/2025	Time of Sampling	Day/Night
ULR No.	TC-122072500000884F		
Monitored By	SEETL Representative		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-31

### 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)
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### AMBIENT NOISE LEVEL MONITORING

Near Main Gate	67.3	63.7
Near Production Area	67.0	63.6

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.  
6) This certificate may not be reproduced without the permission of this Laboratory.

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



*gmanojdas*  
Authorized Signatory  
Trupti Mayekar



# 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

SAVE WATER  
SAVE LIFE

Lab. Recognised under Environment (protection) Act, 1986 by MoEF & CC, GOI, Valid 06.09.2025

## ANALYSIS TEST REPORT

Report No.	SEETL250001284	Report Date	25/03/2025
Name of Client	M/s. NGL FINE CHEM LIMITED.		
Address of Client	Plot No. S-18/3, Sattar Banglow, M.I.D.C. Saravali, Boisar, Tal & Dist-Palghar		
Order / Reference	PO NO. PROJ/24-25/1066 Dated-04-Mar-25		
Date of Monitoring	17/03/2025	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

## NOISE LEVEL MONITORING

Sr. No.	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			
1.	Warehouse block	65.4	63.4
2.	Production block Intermediate 2nd floor	66.3	63.3
3.	Production block Centrifuge area	67.9	63.6
4.	Production block Dryer area	68.0	66.1
5.	Boiler area	69.1	63.1
6.	DG set running condition	72.6	67

Method:-IS:9989-1981 (RA 2023)

- NOTE:** 1) \*As per Maharashtra 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.  
5) This certificate may not be reproduced without the permission of this Laboratory.

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



  
Authorized Signatory  
Nilesch Naik





↑ Hydrogen Detector ↑



**MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION**  
(A Government of Maharashtra Undertaking)

HEAD OFFICE : "Udyog Sarthi", Mahakali Caves Road,  
Andheri (E), Mumbai – 400 093.  
Tele: (022) 26870052/54/27/73 Fax : (022) 26871587

PRINCIPAL OFFICE : 4,4 (A), 12<sup>th</sup> Floor, World Trade Centre, Complex-1,  
Cuffe Parade, Mumbai – 400 005  
Tele : (022) 22151451/52/53 Fax : (022) 22188203



No. MIDC/Fire/B-53238  
Date:04/05/2018

To,  
M/s. NGL Fine-Chem Limited  
Plot No. S-18/3, MIDC  
Tarapur Indl. Area,  
Dist- Palghar.

**Sub:- Grant of "Final No Objection Certificate" for your Factory Building on Plot No.S-18/3, MIDC, Tarapur Indl. Area, Dist. Palghar.**

Ref:-1) This Office Prov. NOC No. MIDC /Fire/B69294/ Dated. 11/05/2017.  
4) Application received SWC/541590/ Dt. 18/03/2018 for Final Fire NOC.

Dear Sir,

With references to the above, a representative of this office visited your co. on 28/04/2018 at the above-mentioned address for inspection of fire fighting arrangements provided by you. Since the fire fighting arrangements provided by you were found in satisfactory working condition this office is issuing a "Final No-Objection Certificate" for your factory building having built up area admeasuring 2315.55Sq. Mtrs. (Ground + 3rd Floor). The area wise details as follows.

Floor Name	Proposed FSI Area Ind.	Stair	Lift	Pass
Third Floor (control Sample	588.237	39.463	7.945	0.000
Second Floor ( Solvent Store & R.M. Store)	580.297	39.463	7.945	0.000
First Floor	562.872	39.463	7.945	17.420
Ground Floor ( Solid Store & R.M. Store	584.148	39.463	7.945	0.000
Total	2315.55	157.85	31.78	17.420

The occupant load in above building should not exceed in any case as prescribe in Table -20 National Building code 2005, part IV.

As per the provision of section 3 of Maharashtra Fire Prevention and Life safety Measures Act 2006, it is the sole responsibility owner of occupier as the case may be , that he /she shall furnish to Chief Fire Officer & Fire Adviser MIDC or Local Fire Station Officer a certificate in 'Form B' issued by License Agency twice a year in the month of January and July regarding maintenance of fire prevention and life safety measures and system in good repair and efficient working condition.



**Statutory Provisions under Maharashtra Fire Prevention and Life Safety Measures Act, 2006:**

1. Under Section 3 of "Maharashtra Fire Prevention and Life Safety Measures Act, 2006" (hereinafter referred to as "said Act"). The applicant (developer, owner, occupier by whatever name called) shall comply with all the Fire and Life Safety measures adhering to National Building Code of India, 2005 and as amended from time to time failing which it shall be treated as a violation of the said Act.
2. It is presumed that you have completed the work adhering to the provisions under Section-3 of the said Act.
3. sub-section (3) of Section 3, it is responsibility of the Owner or the Occupier as the case maybe, shall furnish to the Chief Fire Officer or nominated officer a Certificate in a prescribed form twice a year in the Month of Jan & July regarding maintenance of fire prevention and life safety measure in good repair and efficient condition as specified in sub-section (1).
4. Under sub section (4) of Section 3, no person shall tamper with, alter, remove or cause any injury or damage to any fire prevention and life safety equipment installed in any such building or part thereof or instigate any other person to do so.

The Fire Extinguishers & other fire protection systems provided by you in the factory premises as per Provisional No-Objection Certificate shall be well maintained & shall be kept in tip-top working condition at all the time. If the said system is not maintained, retrenched, this N.O.C. will stand cancelled without any notice & you will be fully responsible to loss of life or property, if any, which may please be noted.

As per Office Order No. MIDC/Fire Dept/1078 dated 12/07/06, M/s. NGL-Fine Chem Ltd., has paid Fire protection & Scrutiny fund fees of Rs. 3,98,932/- (Rs. Three Lac ninety eight thousand nine hundred thirty two Only) vide receipt No. 1073/CH/6375/2016 Dt.10/05/2017.

The condition mentioned in the "Provisional No-Objection Certificate" will remain unchanged. The undersigned reserves right to amend/suggest any additional recommendations deemed fit during the stage wise inspection due to the statutory provisions amended from time to time and in the interest of the protection of the company. If any change of Activity or Transfer of Plot or any future expansion, No-Objection Certificate from this office is essential.

Thanking you.

Yours faithfully,

**Milind  
V Ogale**

(M. V. Ogale)  
Deputy Chief Fire Officer  
MIDC, Mumbai-93

Digitally signed by Milind V Ogale  
DN: cn=N, o=Government Of Maharashtra,  
ou=Maharashtra Industrial Development  
Corporation, postalCode=400093,  
st=Maharashtra,  
2.5.4.20=1bda001dbadaf20df84c8d543f07e  
2056a3661e7ca101ed99429317200548454,  
serialNumber=974f6ab4580580a46d49626  
2607ca311d38cc9e097bb2aa2e3da56d182  
578036, cn=Milind V Ogale  
Date: 2018.05.04 17:38:58 +05'30'

Copy to the Deputy Engineer SPA, MIDC, Sub-Divn. Tarapur for information Please.

# MAHARASHTRA POLLUTION CONTROL BOARD

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



Kalpataru Point, 2nd, 3rd  
and 4th floor, Opp. Cine  
Planet Cinema, Near Sion  
Circle, Sion (E),  
Mumbai-400022

RED/M.S.I (R58)  
No:- Format1.0/AS(T)/UAN No.MPCB-  
CONSENT-0000228164/CO/2501003027

Date: 30/01/2025

To,  
NGL FINE CHEM LTD.  
Plot No. S-18/3, MIDC Tarapur,  
Tal. & Dist. - Palghar,



**Sub: Grant of 1st Consent to Operate, under RED category**

- Ref:**
1. Consent to Establish granted by the Board to the industry vide no. Format 1.0/AS(T)/UAN No.79868/CE-2005000631 Dated 22.05.2020.
  2. Environmental Clearance granted by Environment Department, Government of Maharashtra dtd. 14.05.2018.

Your application No.MPCB-CONSENT-0000228164 Dated 07.12.2024

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:

1. **This 1st consent to operate is granted for the period up to 31.01.2030.**
2. **The capital investment of the project is Rs.48.87 Crs. (As per C.A Certificate submitted by industry As per consent to Establish CI - Rs. 7.23 Crs + Increase in CI Rs.41.63 Crs)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	Diminazene Aceturate	12	MT/M
2	Isometamidium Chloride Hydrochloride	0.1	MT/M
3	Homidium Chloride / Homidium Bromide	0.45	MT/M
4	Nitroxynil FP	0.5	MT/M
5	Clorsulon USP	1	MT/M
6	Buparvaquone	0.4	MT/M
7	Parvaquone	0.25	MT/M
8	Imidocarb Dipropionate	1	MT/M
9	Amitraz	0.5	MT/M

<b>Sr No</b>	<b>Product</b>	<b>Maximum Quantity</b>	<b>UOM</b>
10	TCA (Trichloro vinyl aniline)	1.5	MT/M
11	Febuxostat	2	MT/M
12	Praziquantel	3	MT/M
13	TMTA (Trimethyl triazacyclononane)	0.833	MT/M
14	Ranolazine	2	MT/M
15	Ractopamine Hydrochloride	1.5	MT/M
16	Lumefantrine	0.5	MT/M
17	Fenbendazole	0.5	MT/M
18	Formulation of liquid syrup	250000	Ltr/M
19	Formulation of Aqua preparation	200000	Ltr/M
20	Formulation of dry powder syrup (powder)	10	MT/M
21	Formulation of Ointment/spray	5	MT/M

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

<b>Sr No</b>	<b>Description</b>	<b>Permitted (in CMD)</b>	<b>Standards to</b>	<b>Disposal Path</b>
1.	Trade effluent	62.5	As per Schedule-I	Recycle 100% to achieve ZLD
2.	Domestic effluent	6.5	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	S-1	Boiler (5 TPH)	1	As per Schedule -II
2	S-2	Thermopack (3 LAC Kcal)	1	As per Schedule -II
3	S-3	D.G.Set (1000 KVA)	1	As per Schedule -II
4	S-4	Process Stack (Alkali Scrubber)	1	As per Schedule -II
5	S-5	Process Stack (Alkali Scrubber)	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	Coal Ash	2	MT/M	Sale	Sale to Brick manufacturer

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	5.1 Used or spent oil	200	Kg/Annum	Recycle	Co-processing shall be routed through authorized pre-processing/ CHWTSDF

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
2	37.3 Concentration or evaporation residues	37.5	MT/M	Landfill	Co-processing shall be routed through authorized pre-processing/ CHWTSDF
3	28.3 Spent carbon	0.55	MT/M	Incineration	Co-processing shall be routed through authorized pre-processing/ CHWTSDF
4	20.2 Spent solvents	102	MT/M	Recycle*	Co-processing shall be routed through authorized pre-processing/Sale to authorized party / CHWTSDF
5	35.3 Chemical sludge from waste water treatment	10	MT/M	Landfill	Pre-processing followed by co- processing/CHWTSDF
6	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	200	No/M	Recycle*	Sale to authorised party/CHWTSDF
7	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	0.15	MT/M	Recycle*	Sale to authorised party/CHWTSDF
8	20.3 Distillation residues	0.5	MT/M	Recycle*	Co-processing shall be routed through authorized pre-processing/ CHWTSDF

(\* - The applicant shall ensure disposal to actual user having permission under Rule-9 of Hazardous and Other Waste (M & T M), 2016)

8. **Conditions under E-Waste Management:**

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	E- Waste	100.00	Kg/Annum	Sale to authorized Recyclers

9. **Treatment and Disposal of Biomedical Waste generated to CBMWTSDf:**

Sr.No	Category	Type of Waste	Quantity not to exceed (Kg/M)	Segregation Color coding	Treatment & Disposal
1	Yellow	a) Microbiology Biotechnology and other clinical laboratory waste	1.00	Yellow colored non- chlorinated plastic bags containers	CBMWTSDf

10. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
11. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.

12. Industry shall strictly comply the laid down the Environmental Clearance granted by Government of Maharashtra dtd. 14.05.2018.
13. This Consent is issued subject to an order passed or may be passed by Hon'ble NGT, order dtd. 23.08.2019 in the matter of O.A. No. 1038/2018.
14. Industry shall submit detailed water harvesting plan within 01 month period.
15. Industry shall develop green belt on 40% of the total plot area of the unit. Industry shall also develop greenbelt outside the project premises such as avenue plantation, plantation in vacant areas, social forestry etc.
16. Industry shall install online monitoring system i.e. IP Camera and flow meter to ensure the Zero Liquid Discharge and it connectivity to the MPCB server. Industry shall also install separate energy meter to the pollution control devices.
17. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent. (Operate/Renewal)
18. The applicant shall not carry out any excess production or produce new products without consent of the Board and without an Environmental Clearance, if requires.
19. Industry shall comply with mechanism for Environmental Management prepared by Central Pollution Control Board for comprehensive Environment pollution Index (CEPI) listed areas, as industry falls under severally Polluted Area (SPA) of CEPI, If fails consent shall be revoked.
20. The industry shall obtain necessary permission from the Directorate of the industrial Safety and Health. [ DISH ].
21. This consent is issued as per the Office Order for Consent Management of the Board No. 12/2020 dtd. 23.12.2020.
22. The industry shall create an Environment Cell by appointing an Environmental Engineer OR Expert for looking after day-to-day activities related to Environment OR Pollution control.

This consent is issued on the basis of information/documents submitted by the Applicant/Project Proponent, if it has been observed that the information submitted by the Applicant/Project Proponent is false, misleading or fraudulent, the Board reserves its right to revoke the consent & further legal action will be initiated against the Applicant/Project Proponent.



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**Signed by: Dr. V. M. Motghare**  
Assistant Secretary (Technical)  
For and on behalf of,  
**Maharashtra Pollution Control Board**  
ast@mpcb.gov.in  
2025-01-30 17:00:25 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	375000.00	TXN2412003306	19/12/2024	Online Payment
2	75000.00	TXN2501003256	21/01/2025	Online Payment
3	75000.00	TXN2501003250	21/01/2025	Online Payment

**Copy to:**

1. Regional Officer, MPCB, Thane and Sub-Regional Officer, MPCB, Tarapur I  
- 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 segregated trade effluent into weak stream & strong stream and provided Effluent Treatment Plant (ETP) comprising of: i) Strong COD/TDS stream of 50.5 CMD - Treatment system comprising of Primary (Collection tank, Neutralization tank, Primary Settling Tank, Stripper, Multi effect evaporator and ATFD, the condensate of MEE shall be treated with weak stream. (Sent to SEEPL HCOD/HTDS facility in case in contingency). ii) Weak COD/TDS stream of 12 CMD - Treatment system comprising of Primary (Collection tank, Neutralization tank, Flash mixer, Primary Clarifier/Primary Settling Tank), Secondary (Activated sludge process), Tertiary (Pressure sand filter, Activated carbon filter), Advance treatment (Reverse osmosis, RO reject shall be taken to MEE and RO permeate shall be recycled in utilities to achieve Zero Liquid Discharge.).  
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 install online monitoring system, including metering system to ensure the Zero Liquid Discharge. Viz. IP Camera and Flow meter.
2. A] As per your application, primary treated sewage connected to Effluent Treatment Plant for further treatment & disposal.  
B] Industry shall comply prescribed standards & disposal path as prescribed at Sr. No. 1B of schedule I.
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 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.
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	89.00
2.	Domestic purpose	7.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	55.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

<b>Sr. No.</b>	<b>Purpose for water consumed</b>	<b>Water consumption quantity (CMD)</b>
5.	Gardening	8.0

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:

- 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
S-1	Boiler (5 TPH)	Multi Cyclone separator Bag filter	30.00	Coal 5.0 MT/Day	0.5	SO <sub>2</sub>	50 Kg/Day
				Briquettes 7.5 MT/Day	0.06	TPM	50 Mg/Nm <sup>3</sup>
						SO <sub>2</sub>	9.0 Kg/Day
S-2	Thermopack (3 Lac Kcal)	Stack	12.00	LDO 300 Lit/Day	1.8	SO <sub>2</sub>	10.8 Kg/Day
S-3	D.G Set (1000 KVA)	Acoustic Enclosure	5.00	HSD 130 Ltr/Hr	1.0	SO <sub>2</sub>	62.40 Kg/Day
S-4	Process Vent	Scrubber	5.00	-- 0 --NA--	-	Acid Mist	35 Mg/Nm <sup>3</sup>
S-5	Process Vent	Scrubber	5.00	-- 0 --NA--	-	Acid Mist	35 Mg/Nm <sup>3</sup>

(\*-Above roof level)

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

Parameters	Standards (unit)	
Total Particulate Matter	Not to exceed	50 mg/Nm <sup>3</sup>
Acid Mist /HCl	Not to exceed	35 mg/Nm <sup>3</sup>

- 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.
- 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).
- Solvent Management shall be carried out as follows:
  - Reactors shall be connected to Water / Chilled Water /Brine Condenser system.
  - Reactors and solvent handling pumps shall have mechanical seals to prevent the leakages.
  - The condensers shall be provided with adequate Heat transfer area (HTA) and residence time so as to achieve more than 97% overall recovery
  - Solvents shall be stored in a separate space specified with all safety measures.
  - Proper earthing shall be provided in all the equipment's, wherever solvent handling is done.
  - Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.
  - All the solvent storage tanks shall be connected with vent condensers with Water / chilled water / Brine circulation.
  - Fugitive emissions shall be controlled at 99.95% with effective chillers.
  - Solvent transfer shall be through pump.
  - Metering and control of quantities of active ingredients to minimize wastes.
  - Use of automatic filling to minimize spillage.
  - Use of close feed system into batch reactors.
  - Venting equipment through vapour recovery system.

### **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	1st consent to operate	Rs. 5.0 Lakh	15 Days	Towards operation and maintenance of pollution control systems and towards compliance of consent condition .	Continuous	31.08.2030.

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

**If the above Bank Guarantee is not submitted within stipulated period, then 12% interest will be levied as a penalty as per circular dtd 29/02/2024 No.**

**BO/MPCB/AS(T)/Circular/B-240229FTS0122**

#### **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. Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that e-waste generated by them is channelised through collection centre or dealer of authorised producer or dismantler or recycler or through the designated take back service provider of the producer to authorised dismantler or recycler
2. Bulk consumers of electrical and electronic equipment listed in Schedule I shall maintain records of e-waste generated by them in Form-2 and make such records available for scrutiny by the concerned State Pollution Control Board
3. Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that such end-of-life electrical and electronic equipment are not admixed with e-waste containing radioactive material as covered under the provisions of the Atomic Energy Act, 1962 (33 of 1962) and rules made there under;
4. Bulk consumers of electrical and electronic equipment listed in Schedule I shall file annual returns in Form-3, to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates. In case of the bulk consumer with multiple offices in a State, one annual return combining information from all the offices shall be filed to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates.
5. Specific Conditions for storage, Handling and Disposal of Waste from Electrical & Electronic equipment (WEEE):
  1. **Collection of WEEE** - The applicant must provide appropriate and dedicated vehicles duly identified as per the norms for transportation of Hazardous Waste. The applicant shall obtain all the required permits for transportation of WEEE from competent authority. The applicant shall ensure the safe transport of the WEEE without any spillage during transportation.

**Storage for disassembled parts:** The applicant must provide appropriate storage for disassembled spare parts from WEEE. Some spare parts (e.g. motors and compressors) will contain oil and/or other fluids. Such part must be appropriately segregated and stored in containers that are secured such that oil and other fluids cannot escape from them. These containers must be stored on an area with an area with an impermeable surface and a sealed drainage system.
  2. **Storage for other components and residues:** Other components and residues arising from the treatment of WEEE will need to be contained following their removal for disposal or recovery. Where they contain hazardous substances they should be stored on impermeable surface and in appropriate containers or bays with weatherproof covering. Containers should be clearly labelled to identify their contents and must be secured so that liquids, including rain water cannot enter them. Components should be segregated having regard to their eventual destinations and the compatibility of the component types. All batteries should be handled and stored having regard to the potential fire risk associated with them.
  3. **Balances :** WEEE Guidelines also requires that sites for handling of WEEE have "balances to measure the weight of the segregated waste". The objective is to ensure that a record of weights can be maintained of WEEE entering a facility and components and materials leaving each site (together with their destinations). The nature of the weighing equipment should be appropriate for the type and quantity of WEEE being processed.

4. Plastic, which cannot be recycled and is hazardous in nature, is recommended to be land filled in nearby CHWTSDf.
  5. Ferrous and nonferrous metal recycling facilities fall under the purview of existing environmental regulations for air, water, noise, land and soil pollution and generation of hazardous waste and the same should be followed.
  6. CFCS should be either reused or incinerated in common hazardous waste Incineration facilities at CHWTSDf.
  7. Waste Oil should be either reused or incinerated in common hazardous waste incineration facilities.
  8. PCB's containing capacitors shall be incinerated in common hazardous waste incineration facilities at CHWTSDf.
  9. Mercury recovery and lead recycling facilities from batteries fall under the Hazardous & Other Wastes (M & TM) Rules, 2016.
  10. Existing environmental regulations for air; water; noise, land and soil pollution and generation of hazardous waste and the same should be followed. In case Mercury or lead recovery is very low, they can be temporarily stored at e-waste recycling facility and later disposed in TSDF.
  11. The industry shall maintain records of the e-waste purchased, processed in Form-2 and shall file annual returns of its activities of previous year in Form-3 as per Rules 11(9) & 13(3)(vii) of the E-Waste(M) Rules, 2016; on or before 30th day of June of every year.
6. The Energy source for lighting purpose shall preferably be LED based
  7. 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
  8. 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.
  9. The applicant shall maintain good housekeeping.
  10. 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.

11. 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.
12. 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.
13. 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 downloaded from MPCB official site).
14. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
15. 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.
16. 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.
17. 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.
18. The PP shall provide personal protection equipment as per norms of Factory Act
19. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
20. 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.
21. 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.
22. 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.
23. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
24. 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)).



25. 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.
26. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
27. The industry should not cause any nuisance in surrounding area.
28. 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.
29. 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.
30. 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.
31. 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.
32. 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.
33. 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.
34. 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.
35. 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.
36. 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.
37. 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).

38. 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.

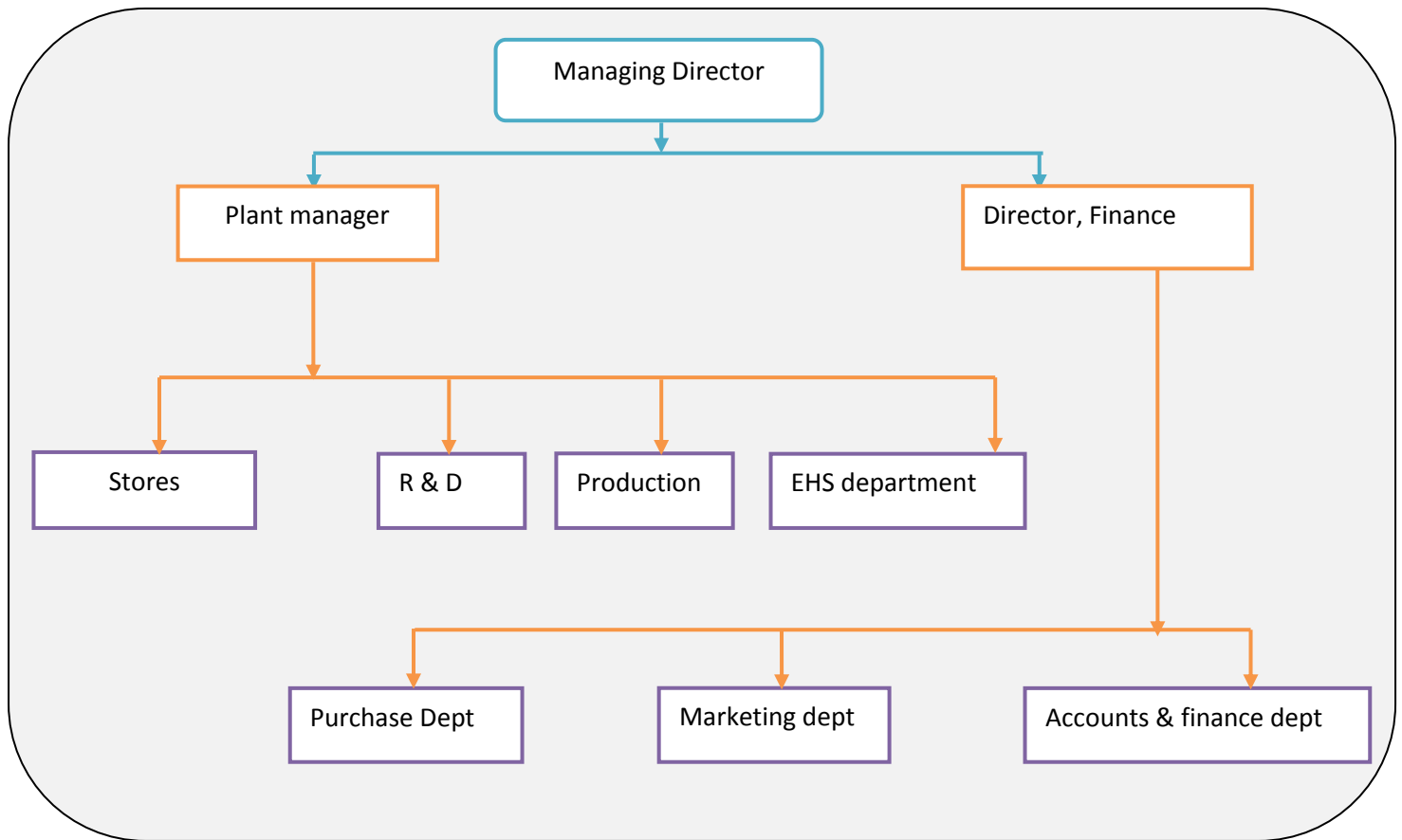
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This certificate is digitally & electronically signed.

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## Organizational Structure of Environmental Management



**Schematic Representation of organizational structure of environment management**

## COST FOR ENVIRONMENTAL MANAGEMENT

Sr. No.	Cost of environmental protection measures	Recurring Cost (Rs.) Per Annum in Lacs	Capital Cost (Rs.) in Lacs
1.	Air Pollution Control	2.0	10.0
2.	Water Pollution Control	3.0	25.0
3.	Noise Pollution Control	1.0	2.0
4.	Environment monitoring and Management	1.0	1.5
5.	Occupational health	0.8	3.2
6.	Green Belt	0.5	1.17
7.	Solid waste management	0.5	2.0
8.	Rain water harvesting	0.2	1.0
	<b>Total Cost</b>	<b>9.0</b>	<b>45.87</b>

# हॅलो पालघर-वर्सई

लोकमत

मुंबई, गुरुवार, दि. २४ मे २०१८

## जाहीर नोटिस

सर्व संबंधितांना माहिती देण्यात येते की, प्लॉट क्रमांक एस-१८/३, एम. आय. डी. सी. तारापूर, तालुका व जिल्हा पालघर, महाराष्ट्र येथील एन. जी. एल. फाईन केम लिमिटेड द्वारा प्रस्तावित प्रकल्प, API and intermediate chemicals उत्पादन सुविधेच्या संबंधित असून या प्रकल्पाला महाराष्ट्र सरकारच्या राज्य स्तरीय पर्यावरणीय आघात मूल्यांकन (SEIAA) समितीने संमती संदर्भ अक्षर क्र. SEIAA-EC-0000000294, दिनांक 14.05.2018 प्रमाणे दिली आहे. सदर पर्यावरणीय संमती पत्राची प्रत महाराष्ट्र प्रदूषण नियंत्रण मंडळाकडे तसेच मंत्रालयाच्या पर्यावरणीय विभागाच्या <http://ec.maharashtra.gov.in> या संकेत स्थळावर उपलब्ध आहे.

एन. जी. एल. फाईन केम लिमिटेड  
अधिकृत सहीधारक



**जाहीर नोटीस**

सर्व संबंधितांना माहिती देण्यात येते की, प्लॉट क्रमांक एस-१८/३, एम.आय.डी.सी तारापूर, तालुका व जिल्हा पालघर, महाराष्ट्र येथील एन.जी.एल. फाईन केम लिमिटेड द्वारा प्रस्तावित प्रकल्प, API and intermediate chemicals उत्पादन सुविधेच्या संबंधित असून या प्रकल्पला महाराष्ट्र सरकारच्या राज्य स्तरीय पर्यावरणीय आघात मुल्यांकन (SEIAA) समितीने संमती संदर्भ अक्षर क्र. SEIAA - EC-0000000294, दिनांक 14.05.2018 प्रमाणे दिली आहे. सदर पर्यावरणीय समंती पत्राची प्रत महाराष्ट्र प्रदूषण नियंत्रण मंडळाकडे तसेच मंत्रालयाच्या पर्यावरणीय विभागाच्या <http://ec.maharashtra.gov.in> या संकेत स्थळावर उपलब्ध आहे.

एन.जी.एल. फाईन केम लिमिटेड  
अधिकृत सहीधारक



## ANALYSIS TEST REPORT

Report No	SEETL250001279	Report Date	25/03/2025
Name of Client	M/s. NGL FINE CHEM LIMITED.		
Address of Client	Plot No. S-18/3, Sattar Banglow, M.I.D.C. Saravali, Boisar, Tal & Dist-Palghar		
Order / Reference	PO NO. PROJ/24-25/1066 Dated-04-Mar-25		
Date Of sampling	17/03/2025	Sample Receipt Date	18/03/2025
Analysis Started on	18/03/2025	Analysis Completed On	24/03/2025
ULR No.	TC-122072500000882F		
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)	25.0	Humidity (%) 59

## AMBIENT AIR STATION

Location of H.V.S.	Near Main Gate		
Lateral Distance	5.0 Meter from Main Gate		
Receptor Distance	1.5 Meters from Ground Level		
Ambient Temperature(°C)	33	Humidity (%)	32
Wind Speed (km/hr)	12	Wind Direction (deg)	SW 220
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>	78.25	µg/m <sup>3</sup>	100.00	IS 5182 (Part 23) 2006 RA: 2022
PM <sub>2.5</sub>	39.38	µg/m <sup>3</sup>	60.00	EPA Quality assurance guidance document 2.12, based on CPCB- 2011
Sulphur dioxide (SO <sub>2</sub> )	20.02	µg/m <sup>3</sup>	80.00	IS 5182 (Part 2/ Sec 1): 2023
Nitrogen dioxide (NO <sub>2</sub> )	23.73	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)	1.06	mg/m <sup>3</sup>	04.00	IS 5182 (Part 10) : 1999 RA 2024
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> )	15.53	µg/m <sup>3</sup>	180.00	IS 5182 (Part 9): 1974 RA: 2024
Benzo(a)Pyrene (BaP)	<0.10	ng/m <sup>3</sup>	1.00	IS 5182 (Part 12): 2004 RA: 2024

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



*gpmayekar*  
Authorized Signatory  
Trupti Mayekar



## ANALYSIS TEST REPORT

Report No	SEETL250001280	Report Date	25/03/2025
Name of Client	M/s. NGL FINE CHEM LIMITED.		
Address of Client	Plot No. S-18/3, Sattar Banglow, M.I.D.C. Saravali, Boisar, Tal & Dist-Palghar		
Order / Reference	PO NO. PROJ/24-25/1066 Dated-04-Mar-25		
Date Of sampling	17/03/2025	Sample Receipt Date	18/03/2025
Analysis Started on	18/03/2025	Analysis Completed On	24/03/2025
ULR No.	TC-122072500000883F		
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)	25.0
		Humidity (%)	59

## AMBIENT AIR STATION

Location of H.V.S.	Near ETP area
Lateral Distance	5.0 Meter from ETP area
Receptor Distance	1.5 Meters from Ground Level
Ambient Temperature(°C)	33
Humidity (%)	32
Wind Speed (km/hr)	12
Wind Direction (deg)	SW 220
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>	70.31	µg/m <sup>3</sup>	100.00	IS 5182 (Part 23) 2006 RA: 2022
PM <sub>2.5</sub>	32.48	µg/m <sup>3</sup>	60.00	EPA Quality assurance guidance document 2.12, based on CPCB- 2011
Sulphur dioxide (SO <sub>2</sub> )	18.17	µg/m <sup>3</sup>	80.00	IS 5182 (Part 2/ Sec 1): 2023
Nitrogen dioxide (NO <sub>2</sub> )	21.29	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)	0.94	mg/m <sup>3</sup>	04.00	IS 5182 (Part 10) : 1999 RA 2024
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> )	14.44	µg/m <sup>3</sup>	180.00	IS 5182 (Part 9): 1974 RA: 2024
Benzo(a)Pyrene (BaP)	<0.10	ng/m <sup>3</sup>	1.00	IS 5182 (Part 12): 2004 RA: 2024

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



*Trupti Mayekar*  
Authorized Signatory  
Trupti Mayekar



ANALYSIS TEST REPORT			
Report Number	SEETL250001275	Report Date	24/03/2025
Name of Client	M/s. NGL FINE CHEM LIMITED.		
Address of Client	Plot No. S-18/3, Sattar Banglow, M.I.D.C. Saravali, Boisar, Tal & Dist-Palghar		
Order /Reference	PO. No. PROJ/24-25/1066 Dated – 04/03/2025		
Sample Collection Date	17/03/2025	Sample Receipt Date	18/03/2025
Analysis Started On	18/03/2025	Analysis Completed On	24/03/2025
ULR Number	TC-122072500000881F		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/SA-32
Environmental Condition Of lab	Temp ° C	26.5	Humidity % Temp ° C
Sample Point	Garden		
Sample Details	Soil Sample		
Sample Container	Polythene Bag	Sample Quantity	1 kg
Sample Collected By	SEETL Representative		

Sr. No.	Parameters	Results	Unit	Method
1.	pH	8.17	-	IS 2720 (Part 26): 1987 (Reaff.2021)
2.	Electrical Conductivity	17.89	mS/cm	IS 14767: 2000-RA 2021
3.	Moisture Content	5.02	%	IS 2720 (Part 2/ Section 1):1973 RA 2020
4.	Organic matter	3.31	%	Manual of Soil Testing in India, Dept. of Agriculture and Cooperation, GoI:2011
5.	Exchangeable Calcium as Ca	71.86	meq/100gm	
6.	Exchangeable Magnesium as Mg	11.96	meq/100gm	
7.	Sodium Absorption Ratio	32.03	-	
8.	Available Phosphorus	8.87	mg/kg	
9.	Nitrate	59.76	mg/kg	
10.	Nitrite	1.04	mg/kg	IS 3025 (Part 34): 1988 RA-2019
11.	Chloride as Cl	8716.34	mg/kg	IS 3025 (Part 32/2): 1988 RA-2019
12.	Sulphate as SO <sub>4</sub>	1688.84	mg/kg	IS 2720 P-27 : 1977 RA 2020
13.	Cation Exchange Capacity	20.32	meq/100 gm	IS 2720 (P-24/5):1976 RA 2020
14.	Water holding Capacity	40.53	%	SEETL/LD/SOP/SA-34 : 2017



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Trupti Mayekar

## ANALYSIS TEST REPORT

Report Number	SEETL250001275	Report Date	24/03/2025
Name of Client	M/s. NGL FINE CHEM LIMITED.		
Address of client	Plot No. S-18/3, Sattar Banglow, M.I.D.C. Saravali, Boisar, Tal & Dist-Palghar		
Order/Reference	PO. No. PROJ/24-25/1066 Dated – 04/03/2025		
ULR Number	TC-122072500000881F		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/SA-32

15.	Aluminium a Al	34497.91	mg/kg	SEETL/LD/SOP-SA/22:2017
16.	Antimony as Sb	0.307	mg/kg	
17.	Arsenic as As	>1000	mg/kg	
18.	Barium as Ba	315.29	mg/kg	
19.	Beryllium as Be	1.102	mg/kg	
20.	Boron as B	<0.1	mg/kg	
21.	Cadmium as Cd	0.44	mg/kg	
22.	Chromium as Cr	200.72	mg/kg	
23.	Copper as Cu	184.23	mg/kg	
24.	Lithium a sLi	31.32	mg/kg	
25.	Manganese as Mn	1042.94	mg/kg	
26.	Molybdenum as Mo	1.79	mg/kg	
27.	Mercury as Hg	<0.1	mg/kg	
28.	Nickel as Ni	126.74	mg/kg	
29.	Iron as Fe	22544.79	mg/kg	
30.	Lead as Pb	30.76	mg/kg	
31.	Potassium as K	2722.38	mg/kg	
32.	Sodium as Na	15074.87	mg/kg	
33.	Silver as Ag	1.96	mg/kg	
34.	Strontium as Sr	127.05	mg/kg	
35.	Selenium as Se	55.94	mg/kg	
36.	Tin as Sn	4.27	mg/kg	
37.	Vanadium as V	131.82	mg/kg	
38.	Zinc as Zn	375.32	mg/kg	

**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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Authorized Signatory  
Trupti Mayekar





# STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,  
Room No. 217, 2nd floor,  
Mantralaya, Annexe,  
Mumbai- 400 032.  
Date: May 14, 2018

To,  
**Mr. Rahul Nachane**  
at Plot no. S-18/3, Tarapur MIDC, Kolawade village, Boisar, Palghar district, Maharashtra

**Subject:** Environment Clearance for M/s. NGL Fine-Chem Ltd.

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-I, Maharashtra in its 139th meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 129th meetings.

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

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

1.Name of Project	New API and Intermediates chemical manufacturing units of M/s. NGL Fine-Chem Ltd.
2.Type of institution	Private
3.Name of Project Proponent	Mr. Rahul Nachane
4.Name of Consultant	Sadekar Enviro Engineers Pvt. Ltd.
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	not applicable
8.Location of the project	Plot no. S-18/3, Tarapur MIDC, Kolawade village, Boisar, Palghar district, Maharashtra
9.Taluka	Palghar
10.Village	Kolawade
11.Area of the project	gram panchayat Kolawade
12.IOD/IOA/Concession/Plan Approval Number	MIDC Plot possession receipt no. MIDC/RO(ROT-I)/TRP-2974 dt. 22/07/2015 IOD/IOA/Concession/Plan Approval Number: -- Approved Built-up Area: 7236
13.Note on the initiated work (If applicable)	The plant will be constructed on open plot in the MIDC. basic infrastructure will be constructed prior to EC and production building, utility building, warehouse, ETP etc. will be constructed after acquiring environmental clearance
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	--
15.Total Plot Area (sq. m.)	9174 sq. m.
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): Not applicable Non FSI area (sq. m.): Not applicable Total BUA area (sq. m.): Not applicable
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Approved Non FSI area (sq. m.): Date of Approval:
19.Total ground coverage (m2)	2256

SEIAA Meeting No: 129 Meeting Date: May 11, 2018 ( SEIAA-  
STATEMENT-0000000482 )  
SEIAA-MINUTES-0000000435  
SEIAA-EC-0000000294

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Secretary SEIAA)

20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	220000000



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Shri Satish.M.Gavai (Member  
Secretary SEIAA)



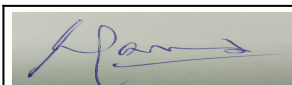
## 22. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Diminazene Aceturate	0	12	12
2	Isometamidium Chloride Hydrochloride	0	0.1	0.1
3	Homidium Chloride / Homidium Bromide	0	0.45	0.45
4	Nitroxynil FP	0	0.5	0.5
5	Clorsulon USP	0	1.0	1.0
6	Buparvaquone	0	0.4	0.4
7	Parvaquone	0	0.25	0.25
8	Imidocarb Dipropionate	0	1.0	1.0
9	Amitraz	0	0.5	0.5
10	TCA (Trichloro vinyl aniline)	0	1.5	1.5
11	Febuxostat	0	2.0	2.0
12	Praziquantel	0	3.0	3.0
13	TMTA (Trimethyl triazacyclononane)	0	0.833	0.833
14	Ranolazine	0	2.0	2.0
15	Ractopamine Hydrochloride	0	1.5	1.5
16	Lumefantrine	0	0.5	0.5
17	Fenbendazole	0	0.5	0.5
18	Spent solvent (Byproduct)	0	34	34
19	Spent solvent (Byproduct)	0	34	34
20	Spent solvent (Byproduct)	0	34	34
21	Formulation of liquid syrup	0	250000 L/month	250000 L/month
22	Formulation of Aqua preparation	0	200000 L/month	200000 L/month
23	Formulation of dry powder syrup (powder)	0	10	10
24	Formulation of Ointment/spray	0	5	5

## 23. Total Water Requirement

<b>Dry season:</b>	<b>Source of water</b>	MIDC Tarapur
	<b>Fresh water (CMD):</b>	159
	<b>Recycled water - Flushing (CMD):</b>	Not applicable
	<b>Recycled water - Gardening (CMD):</b>	Not applicable
	<b>Swimming pool make up (Cum):</b>	Not applicable
	<b>Total Water Requirement (CMD) :</b>	Not applicable
	<b>Fire fighting - Underground water tank(CMD):</b>	300000 L
	<b>Fire fighting - Overhead water tank(CMD):</b>	Not applicable
	<b>Excess treated water</b>	Not applicable
<b>Wet season:</b>	<b>Source of water</b>	MIDC Tarapur
	<b>Fresh water (CMD):</b>	151
	<b>Recycled water - Flushing (CMD):</b>	Not applicable
	<b>Recycled water - Gardening (CMD):</b>	Not applicable
	<b>Swimming pool make up (Cum):</b>	Not applicable
	<b>Total Water Requirement (CMD) :</b>	Not applicable
	<b>Fire fighting - Underground water tank(CMD):</b>	300000 L
	<b>Fire fighting - Overhead water tank(CMD):</b>	Not applicable
	<b>Excess treated water</b>	Not applicable
<b>Details of Swimming pool (If any)</b>	Not applicable	

**Government of  
Maharashtra**

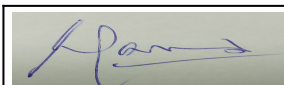


24.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	7	7	0	0.5	0.5	0	6.5	6.5
Industrial Process	0	55	55	0	4.5	4.5	0	50.5	50.5
Cooling tower & thermopack	0	89	89	0	77	77	0	12	12
Gardening	0	8	8	0	8	8	0	0	0
Fresh water requirement	0	159	159	0	90	90	0	69	69
25.Rain Water Harvesting (RWH)	Level of the Ground water table:		3-4 m BGL						
	Size and no of RWH tank(s) and Quantity:		1 UG tank of 20 cu. m.						
	Location of the RWH tank(s):		Near office building						
	Quantity of recharge pits:		--						
	Size of recharge pits :		--						
	Budgetary allocation (Capital cost) :		2,50,000						
	Budgetary allocation (O & M cost) :		65,000						
	Details of UGT tanks if any :		Rain water harvesting tank, fire water tank , UG tanks for solvent storage						
26.Storm water drainage	Natural water drainage pattern:		MIDC developed land. No natural drainage pattern						
	Quantity of storm water:		1.45 cu. m./hr						
	Size of SWD:		0.9 (W)*1.02(H)*237(L)						
27.Sewage and Waste water	Sewage generation in KLD:		6.5 KLD						
	STP technology:		septic tank overflow will be connected to aeration tank						
	Capacity of STP (CMD):		no STP will be provided .						
	Location & area of the STP:		--						
	Budgetary allocation (Capital cost):		Rs. 1,85,00,000						
	Budgetary allocation (O & M cost):		Rs. 19,00,000						

## 28.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	In construction phase construction debris and scrap metal and packaging material will be generated.
	<b>Disposal of the construction waste debris:</b>	The waste will be segregated. Construction waste will be used for landfilling in the plot premise. The scrap metal and packaging material will be sold to authorised scrap recycler.
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	non hazardous waste including metal and other scrap
	<b>Wet waste:</b>	Wet hazardous waste like distillation residue, product residue, will be generated. Details are given in hazardous waste section
	<b>Hazardous waste:</b>	Different types of hazardous waste generated will be segregated as per category and either disposed to CHWTSDF or sold to authorised dealers.
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	STP will not be provided. Dry ETP sludge will be disposed to CHWTSDF
	<b>Others if any:</b>	--
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Scrap will be sold to authorized scrap dealer.
	<b>Wet waste:</b>	wet hazardous waste will be disposed to CHWTSDF or sold to MPCB authorized recycler.
	<b>Hazardous waste:</b>	hazardous waste will be disposed to CHWTSDF or sold to MPCB authorized recycler.
	<b>Biomedical waste (If applicable):</b>	If biomedical waste generated, it will be disposed through authorised party.
	<b>STP Sludge (Dry sludge):</b>	No STP sludge will be produced. Dry ETP sludge will be disposed to CHWTSDF.
	<b>Others if any:</b>	--
<b>Area requirement:</b>	<b>Location(s):</b>	A separate demarcated area will be provided for storage of non-hazardous and hazardous waste.
	<b>Area for the storage of waste &amp; other material:</b>	As per architectural layout of plant.
	<b>Area for machinery:</b>	As per architectural layout of plant.
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 1,50,000
	<b>O &amp; M cost:</b>	Rs. 90,000

# Government of Maharashtra



**Shri Satish.M.Gavai (Member  
Secretary SEIAA)**

## 29. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	--	4-5	5.5 - 9	5.5 - 9
2	TSS	mg/L	5000	<100	<100
3	TDS	mg/L	62500	<2100	<2100
4	COD	mg/L	20,000	<250	<250
5	BOD (3 days)	mg/L	5500	<100	<100
6	oil and grease	mg/L	<20	<10	<10
Amount of effluent generation (CMD):		Total effluent 69 CMD admeasuring Low COD effluent 49 CMD and 20 CMD high COD/TDS effluent .			
Capacity of the ETP:		80 CMD			
Amount of treated effluent recycled :		69 CMD			
Amount of water send to the CETP:		69 CMD if CETP complying with CPCB/MPCB norms.			
Membership of CETP (if require):		TEPS CETP, Tarapur MIDC			
Note on ETP technology to be used		Effluent stream segregation of low and high COD/TDS streams will be done, high COD/TDS stream will be treated by solvent stripper column followed by MEE and ATFD. The condensate will be mixed with low COD/TDS effluent and sewage and net low COD effluent will be treated in ETP comprising primary, secondary and tertiary treatment. The treated effluent will be discharged to CETP after max. recycle in the plant.			
Disposal of the ETP sludge		at CHWTSD facility.			

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30.Hazardous Waste Details							
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	ETP sludge	35.3	MT/month	0	10	10	CHWTSDF
2	Distillation Residue	20.3	MT/month	0	0.5	0.5	CHWTSDF
3	MEE Residue	35.3	MT/month	0	37.5	37.5	CHWTSDF
4	Spent carbon	28.3	MT/month	0	0.55	0.55	CHWTSDF
5	Empty bags	33.1	MT/month	0	0.15	0.15	Sell to MPCB authorized recycler
6	Carboys,drums	33.1	Nos.	0	200	200	Sell to MPCB authorized recycler
31.Stacks emission Details							
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Steam boiler	5 MT/day coal or 7.5 MT/day briquettes	1	30	0.3	130	
2	Thermopack	300 L/day FO	1	30	0.3	130	
3	D.G. set	130 L/hr HSD	2	12	0.15	160	
4	scrubber-1	--	3	5 m above roof	0.2	45	
5	scrubber-2	--	4	5 m above roof	0.2	45	
32.Details of Fuel to be used							
Serial Number	Type of Fuel	Existing	Proposed	Total			
1	Coal	0	5 MT/day	5 MT/day			
2	briquettes (optional )	0	7.5 MT/day	7.5 MT/day			
3	FO	0	300 L/day	300 L/day			
4	HSD	0	130 L/hr	130 L/hr			
Source of Fuel		all fuels will be made available from local vendors					
Mode of Transportation of fuel to site		by road					
33.Energy							
Power requirement:	Source of power supply :	MSEDCL					
	During Construction Phase: (Demand Load)	200 KVA					
	DG set as Power back-up during construction phase	100 KVA					
	During Operation phase (Connected load):	3500 KW					
	During Operation phase (Demand load):	3000 KVA					
	Transformer:	3000 KVA					
	DG set as Power back-up during operation phase:	1 DG set of 1000 KVA will be provided					
	Fuel used:	High speed diesel					
	Details of high tension line passing through the plot if any:	The plot is in MIDC Tarapur area. No high tension lines are passed through the plot.					

**34. Energy saving by non-conventional method:**

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**36. Detail calculations & % of saving:**

Serial Number	Energy Conservation Measures	Saving %
1	--	--

**37. Details of pollution control Systems**

Source	Existing pollution control system	Proposed to be installed
Process emissions	Proposed unit, no existing control system	2 alkali scrubbers will be provided with stack height as per CPCB guidelines.
Boiler emissions	Proposed unit, no existing control system	bag filter will be provided to control PM emissions. A 30 m high common stack will be provided to boiler and thermopack.
D.G. set emissions	Proposed unit, no existing control system	A 12 m high stack from ground level will be provided.
Sewage treatment	Proposed unit, no existing control system	the overflow of septic tank will be mixed with effluent in aeration tank of ETP
Effluent treatment	Proposed unit, no existing control system	Effluent stream segregation of low and high COD/TDS streams will be done. high COD/TDS stream will be treated by solvent stripper column followed by MEE and ATFD. The condensate will be mixed with low COD/TDS effluent and sewage and net low COD effluent will be treated in ETP comprising primary, secondary and tertiary treatment. The treated effluent will be discharged to CETP if it is complying CPCB/MPCB norms or it will be recycled in the plant.
Noise pollution	Proposed unit, no existing control system	acoustic enclosure to noise producing equipment, adequate maintenance of equipment to control noise and vibrations.
Solid waste management	Proposed unit, no existing control system	Non-hazardous waste will be sold to MPCB authorised recycling vendors. hazardous waste will be disposed to CHWTSDF or sold to MPCB authorised recycler.

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

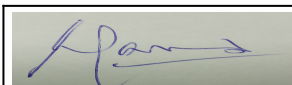
2000000

**O & M cost:**

150000

**38. Environmental Management plan Budgetary Allocation****a) Construction phase (with Break-up):**

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	air pollution control	construction of barriers, water sprinkling on emission sources, cement bags will be stored in closed area and handled appropriately., only PUC certified vehicles will be used for transportation of construction materials	3.0
2	water pollution control	sewage will be treated in septic tank followed by soak pit. surplus waste water generated from construction activity will be released to MIDC sewers after primary treatment	3.0
3	noise pollution control	acoustic enclosures to DG, traffic control to reduce noise pollution,	0.5



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4	soil pollution control	construction debris will be segregated from other waste and landfilled, Non-hazardous waste will be recycled through authorised vendors, good housekeeping practice will be maintained	0.5
5	Occupational health	Workers will be provided PPEs. Safety training will be provided to workers. medical facility and assistance will be provided to workers in emergency.	0.5

**b) Operation Phase (with Break-up):**

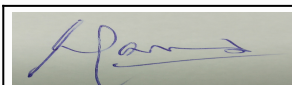
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air Pollution Control	2 alkali scrubbers for process emission control. Bag filter with 30 m common stack to boiler and thermopack. DG and scrubber stack as per CPCB guidelines	22,00,000.00	8,00,000.00
2	Water Pollution Control	Low and high COD/TDS stream segregation. ETP comprising of primary, secondary & tertiary treatment having 80 CMD capacity along with installation of 20 CMD capacity MEE with ATFD for high COD/TDS effluent treatment.	1,85,00,000.00	19,00,000.00
3	Noise Pollution Control	Installation of anti-vibration pads, & Enclosures for DG set & Boiler.	6,50,000.00	2,30,000.00
4	Environment Monitoring and Management	periodic monitoring will be done inside the plant including ambient air monitoring, work place monitoring, source emission monitoring.	5,00,000.00	1,75,000.00
5	Occupational Health	Goggles, Breathing Masks, Gloves, Boots, Helmets, Ear Plugs etc. & annual health-medical checkup of workers	5,00,000.00	1,80,000.00
6	Green Belt	Construction and Maintenance of green belt	6,00,000.00	1,10,000.00
7	Solid Waste Management	separate area for HW storage, Waste segregation as per HW category, disposal at CHWTSDF	1,50,000.00	90000
8	Water conservation	Installation of RWH system & annual maintenance of RWH tank	2,50,000.00	60000

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

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Acetonitrile	Liquid	Drum storage in storage area	3	2	6.5	local vendor	Road
Acetonitrile	Liquid	Drum storage in storage area	3	2	6.5	local vendor	Road
Acetone	Liquid	Tank storage	12	10	31.8	Local vendor	Road
Dichloromethane	Liquid	Drum storage in storage area	12	10	31.4	Local vendor	Road
Ethylene dichloride	Liquid	Drum storage in storage area	10	8	26.3	Local vendor	Road
Isopropyl Alcohol	Liquid	Drum storage in storage area	1	1	4.8	Local vendor	Road
Formamide	Liquid	Drum storage in storage area	1	1	1.4	Local vendor	Road
Toulene	Liquid	tank storage	10	8	25.7	Local vendor	Road
hydrochloric acid	Liquid	Tank storage in storage area	8	5	22.2	Local vendor	Road
Acetic acid	Liquid	Drum storage in storage area	1	0.5	3.5	Local vendor	Road
Nitrobenzene	Liquid	Drum storage in storage area	2	1	5.5	Local vendor	Road
methanol	Liquid	Tank storage	30	20	195	Local vendor	Road
hydrochloric acid	Liquid	Tank storage	10	8	23	Local vendor	Road
sulfuric acid	Liquid	Tank storage	10	8	20	Local vendor	Road
ammonia gas	gas	cylinder	1	0.5	1.5	Local vendor	Road
Chlorine gas	gas	cylinder	0.2	0.1	0.2	Local vendor	Road
hydrogen gas	gas	cylinder	0.01	0.01	0.5	Local vendor	Road
epichlorohydrin	liquid	drums	0.1	0.1	0.6	Local vendor	Road

### 40.Any Other Information

No Information Available



	<b>CRZ/ RRZ clearance obtain, if any:</b>	no
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	Unit is in Notified Tarapur MIDC area. No protected zone within 10 km radius of the unit
	<b>Category as per schedule of EIA Notification sheet</b>	5(f) B1
	<b>Court cases pending if any</b>	no
	<b>Other Relevant Informations</b>	--
	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	17-05-2017

**3. The proposal has been considered by SEIAA in its 129th meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:**

**Specific Conditions:**

<b>I</b>	PP informed that their plant is Zero Liquid Discharge but the same is not mentioned by PP in the Consolidated Statement point No. 37. PP to submit an affidavit/undertaking regarding provision of Zero Liquid Discharge.
<b>II</b>	PP to ensure 33% green cover within the plant premises.
<b>III</b>	PP to submit calculation for use of hydrogen gas in the reaction, consumption of hydrogen gas and quantity of hydrogen gas emitted to atmosphere.
<b>IV</b>	PP to provide full time security guard at the Emergency Exit gate.
<b>V</b>	PP to use only Imported Coal having ash content less than 15%.
<b>VI</b>	PP to submit copy of On Site/ Off Site emergency plan; PP also to submit the same to district authorities.

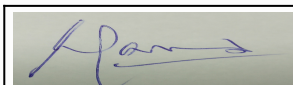
**General Conditions:**

<b>I</b>	(i)PP to achieve Zero Liquid Discharge ; PP shall ensure that there is no increase in the effluent load to CETP.
<b>II</b>	No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
<b>III</b>	PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.
<b>IV</b>	Proper Housekeeping programmers shall be implemented.
<b>V</b>	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 achieve.
<b>VI</b>	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable).
<b>VII</b>	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
<b>VIII</b>	Arrangement shall be made that effluent and storm water does not get mixed.
<b>IX</b>	Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.
<b>X</b>	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.
<b>XI</b>	The overall noise levels in and around the plant are shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.
<b>XII</b>	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.
<b>XIII</b>	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.
<b>XIV</b>	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.
<b>XV</b>	(The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.



<b>XVI</b>	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.
<b>XVII</b>	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.
<b>XVIII</b>	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
<b>XIX</b>	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
<b>XX</b>	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://ec.maharashtra.gov.in">http://ec.maharashtra.gov.in</a>
<b>XXI</b>	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.
<b>XXII</b>	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.
<b>XXIII</b>	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.
<b>XXIV</b>	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.
<b>XXV</b>	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.

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4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.

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

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

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



Shri Satish.M.Gavai (Member Secretary SEIAA)

**Copy to:**

1. SHRI JOHNY JOSEPH, CHAIRMAN-SEIAA
2. SHRI UMAKANT DANGAT, CHAIRMAN-SEAC-I
3. SHRI M.M.ADTANI, CHAIRMAN-SEAC-II
4. SHRI ANIL .D. KALE, CHAIRMAN SEAC-III
5. SECRETARY MOEF & CC
6. IA- DIVISION MOEF & CC
7. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
8. REGIONAL OFFICE MOEF & CC NAGPUR
9. REGIONAL OFFICE MIDC TARAPUR
10. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
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