



**Macrotech Polychem Pvt. Ltd.**

**100% Subsidiary of NGL Fine Chem Ltd.**

L-60/61, MIDC Tarapur Industrial Area, Boisar, District - Palghar, Pin - 401 506, Maharashtra, India.  
Tel No.: +91 8956288735, +91 8956288736.

15<sup>th</sup> July, 2025

To,  
The Director,  
Ministry of Environment & Forests,  
Regional Office, (WCZ), Ground Floor, East Wing,  
New Secretariat Building, Civil Lines, Nagpur,  
Maharashtra – 440001

**Subject :** Submission of Consolidated EC compliance report for M/s. Macrotech Polychem Pvt. Ltd., for proposed expansion with new API products at plot No. L-60 & L-61, MIDC Tarapur, Palghar (Consolidated Six monthly compliance report for duration of January 2025 – June 2025)

**Ref :** Environmental Clearance letter no. SEAC-2212/CR-429/TC-2 dated 1<sup>st</sup> December 2014, granted by SEIAA, Govt. Of Maharashtra.

Dear Sir,

We have received the Environment Clearance from State Environment Impact Assessment Authority (SEIAA), Government of Maharashtra on 1<sup>st</sup> December 2014 for proposed expansion with new API products.

Herewith we are submitting the consolidated six monthly compliance report for duration of January-2025 to June-2025 in the prescribed format. Report is giving all the details of the project along with the status of the project.

With this reference, we wish to submit the details of the project stipulated as per the Environment Clearance conditions.

We hope you will find same in line with your requirements.

Thanking You,

For M/s. Macrotech Polychem Pvt. Ltd.

Authorized Signatory



**ENVIRONMENT CLEANRENCE CONDITIONS COMPLIANCE**

Compliance status of general conditions mentioned in the Environment Clearance report along with clarification & relevant documents is discussed below in detail :

<b>Sr No</b>	<b>Terms and conditions in EC</b>	<b>Compliance</b>
1	No Additional land shall be used/acquired for any activity of the project without obtaining proper permission.	Noted & Complied. No additional land is used for any activity of the project.
2	This is environmental clearance is issued subject to obtaining NOC From Forestry & wildlife angle including clearance from the standing committee of the national Board for wildlife as if applicable & this environmental clearance does not necessarily implies that forestry & wildlife clearance granted to the project which will be considered separately on merit.	Noted & Agreed.
3	For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable area of the plant shall be ensured.	Noted & Agreed. The said dust emission controls were followed during construction & production activity.
4	PP has to abide by the conditions stipulated By SEAC & SEIAA. PP to ensure that all effluent discharge standards including TSS Shall be within the limit as mentioned in MPCB COP.	Noted & Complied. We are regularly maintaining our effluent discharge standards including TSS to achieve the norms prescribed by the MPCB / CPCB / MoEF. The effluent analysis reports from NABL approved lab are attached for your reference. <b>(Annexure-1)</b>
5	Regular Monitoring of the air quality, including SPM & SO2 levels both in work zone & ambient air shall be carried out in and around the power plant & records shall be maintained. The location of monitoring stations & frequency of Monitoring shall be decided in consultation with Maharashtra pollution control board (MPCB) & Submit report accordingly to MPCB.	Noted & Complied. The regular monitoring of air quality including Ambient air monitoring was done regularly at our manufacturing unit. The frequency has been decided in consultation with MPCB officials. Obtained results are well within the limit as per standards prescribed by the MPCB. Ambient air quality reports are attached for your reference. <b>(Annexure-2)</b>

6	Necessary arrangement shall be made for adequate safety & ventilation Arrangement in furnace area.	Noted & Agreed. Proper space & necessary arrangement is made for adequate safety & ventilation arrangement in furnace area. Also proper arrangement is made for fuel storage area.
7	Proper Housekeeping programmers shall be implemented.	Complied. Proper Housekeeping programme were implemented. Kindly refer to the attached file for your reference. <b>(Annexure-3)</b>
8	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 berestarted until the desired efficiency has been achieved	Yes, agreed & noted. We have made a provision of stand-by facility for the generated process gas and waste water in case of failure of pollution control.
9	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable).	Complied. A stack of adequate height based on DG set capacity is provided for control and dispersion of pollutant from DG set.
10	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge groundwater.	Complied. Rain water harvesting system implemented at project site. Kindly refer to the photographs attached for your reference. <b>(Annexure-4)</b>
11	Arrangement shall be made that effluent and storm water does not get mixed.	Complied. We have made proper arrangement so that effluent & storm water does not get mixed. Photograph for the same is attached for your reference <b>(Annexure-5)</b>
12	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.	Complied. Noise levels are maintained as per standards by implementing various control measures. Proper PPE are provided for people working in high noise areas. Noise monitoring reports are attached for your reference. <b>(Annexure-6)</b>
13	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	Complied. Noise levels in and around the plant are well within the standards. Noise monitoring is being done regularly. Reports for the same are attached. <b>(Annexure-6)</b>

	levels shall confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.	All reports are well within standards prescribed by MPCB. We have taken adequate steps to control noise level within the premises like close room & acoustic enclosure for D.G. set, provided ear muff to the operators etc. We have regularly monitored noise level within the premises.
14	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.	Complied. As our unit is located in notified industrial area and we have developed green belt within the premises and periphery of the premises. Green belt is well developed and maintained on 700 Sq.m area. In order to adhere to the guidelines put forward by MoEF, the proponent has acquired an empty land as a compensatory land for afforestation (green-belt development). <b>(Annexure-7)</b> Photographs for the same is attached for your reference. <b>(Annexure-8)</b>
15	Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Smoke & heat Detection devices shall also be installed at strategic places for early detection & warning	Complied. Company has full-fledged safety and fire department with implementation & monitoring of adequate safety measures. Risk Analysis, On - Site Emergency plan is prepared and regularly updated. Leak detection system is installed at strategic places. <b>(Annexure-9)</b>
16	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act	Complied. Medical checkup of the all workers are regularly done. Specimen copy is attached for your reference. <b>(Annexure-10)</b>
17	The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	Complied. Fire fighting system is already available at project site. Photographs & details are attached for your reference. <b>(Annexure-11)</b>
18	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,	Noted & Agreed. The company is strictly complying with the rules and regulations with regard to handling and disposal of hazardous waste in accordance with the Hazardous Waste

	2003(amended)Authorization from the MPCB shall be obtained for collections / treatment / storage / disposal of hazardous waste.	(Management and Handling) Rules, 2003. We have already taken permission from CHWTSDf. Consent to establish & operate obtained from MPCB. (We have received the CTO & CTE from MPCB and we are strictly adhered to the stipulations, terms & conditions mentioned herein.) Form IV (FY 2024-25) record is attached for your reference. <b>(Annexure-12)</b>
19	<p>The company shall undertake following waste Minimization measures :</p> <ul style="list-style-type: none"> <li>• Metering quantities of active ingredients to minimize waste</li> <li>• Reuse of By-products from the process as raw materials substitutes in other process</li> <li>• Maximizing Recoveries</li> <li>• Use of automated material transfer system to minimize spillage</li> </ul>	<p>Noted &amp; Agreed.</p> <p>We have taken adequate steps to minimize the waste as under :</p> <ul style="list-style-type: none"> <li>• All raw materials are metered and controlled for its quantities to minimize waste</li> <li>• There were no by-products are generating from process.</li> <li>• Recovered solvents are reused in processes.</li> <li>• Pumps are used to transfer liquids in closed pipelines.</li> </ul>
20	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.	<p>Noted &amp; Agreed.</p> <p>Regular fire and safety training's, mock drills are carried out. Latest mock drill report &amp; safety training report attached for your reference. <b>(Annexure-13)</b></p>
21	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	<p>Complied.</p> <p>We have separate environment management cell for implementation of the stipulated environmental safeguards. Management cell diagram is attached for your reference. <b>(Annexure-14)</b></p>
22	Transportation of ash will be through closed containers & all measures should be taken to prevent spilling of the ash.	<p>Noted &amp; Agreed.</p> <p>Transportation of ash is carried out through closed containers and all measures are regularly taken to prevent spilling of the ash.</p>
23	Separate silos will be provided for collecting & storing bottom ash & fly ash.	<p>Noted &amp; Agreed.</p> <p>Proper arrangement is provided for collection &amp; storage of bottom ash and fly ash.</p>

24	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 projectcost	Complied. We have invested separate funds for proposed expansion of our plant as stipulated by SEIAA along with the implementation schedule for all the conditions stipulated herein. We have not diverted funds for any other purposes.
25	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 & copies of clearance better area available with the Maharashtra pollution control Board & may also be seen at website at <a href="http://ec.maharashtra.gov.in">http://ec.maharashtra.gov.in</a>	Complied. We have given advertisement in local newspaper regarding accordance of Environmental Clearance from SEIAA.
26	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 & 1 <sup>st</sup> December of each calendar year	Noted & being done. Six-monthly reports are regularly being submitted to Regional Office and MoEF office in June and December every Year.
27	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent	Noted & Agreed. We has uploaded status of compliance of the stipulated conditions of environmental clearance with results of monitored data on company website. Website link – <b>www.macrotechppl.com</b> We have not received any suggestions and representations while processing the proposals from concerned Panchayat, Zilla Parishad / Municipal Corporation, Urban local and the local NGO. Hence this clearance copy not given to them but informed in the various meetings.
28	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	Noted & being done. We has uploaded status of compliance of the stipulated conditions of environmental clearance with results of monitored data on company website.

	office of MoEF, the respective Zonal office of CPCB and the SPCB. The criteria pollutant level namely; SPM, RSPM. SO <sub>2</sub> , NO <sub>x</sub> (ambient level as well as stack emissions) or critical sectorial 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.	Website link – <b>www.macrotechppl.com</b> Stack Monitoring reports are attached for your reference. <b>(Annexure-15)</b>
29	Six monthly monitoring Reports should be submitted to the regional office MoEF, Bhopal with copy to this department & MPCB.	Noted & being done. Six-monthly monitoring reports are regularly being submitted to Regional Office and MoEF office on regular basis.
30	A complete set of all the documents submitted to Department should be forwarded to the local authority & MPCB.	Noted & Agreed.
31	The environmental clearance is being issued without prejudice to the court case pending in the court of law & it does not mean that project proponent has not violated any environmental laws in the past & whatever decision 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	Noted & Agreed. No court case / litigations are pending against us.

## Government of Maharashtra

SEAC-2212/CR- 429/TC-2  
Environment department  
Room No. 217, 2<sup>nd</sup> floor,  
Mantralaya Annex,  
Mumbai- 400 032.  
Dated: 1<sup>st</sup> December, 2014

To,

M/s Macrotech Polychem Pvt.Ltd  
1-B/7 D. J. Nagar, Boisar,  
Tal-Palghar, Thane.

**Subject: Environment clearance for proposed expansion with new API products at plot No.L-60 & L-61 at Tarapur MIDC, Dist Thane by M/s Macrotech Polychem Pvt.Ltd**

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification, 2006, by the State Level Expert Appraisal Committee-I, Maharashtra in its 77<sup>th</sup> meeting and decided to recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 73<sup>rd</sup> meeting.

2. It is noted that the proposal is for grant of Environment Clearance for proposed expansion with new API products at plot No.L-60 & L-61 at Tarapur MIDC, Dist Thane. SEAC-I considered the project under screening category 5(f) B1 of EIA Notification 2006.

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

Name of the Project	M/s MACROTECH POLYCHEM PVT. LTD.
Project Proponent	Mr. Pradeep V. Thokade
Consultant	M/s Sadekar Enviro Engineers Pvt. Ltd.
New Project / Expansion	Expansion with new API products in existing factory.
Activity schedule	Schedule 5 (f) ,Project Category -B
Area Details	Total plot Area: 2000 Sq. mtrs, Green Belt Area 700 sq. mtrs
Estimated capital cost of the Project (including cost for land, building, plant and machinery separately)	The cost of project is 3 crores. Land - 150 lakhs Building & premises - 35 lakh Plant & machinery & equipment 100 lakh Furniture & fixtures- 7 lakh Any other immovable/fixcd asset 8 lakh Total 300 lakhs = 3 crore
Location details of the project :	<ul style="list-style-type: none"><li>• Latitude:- 19° 47' 14.39" N   Longitude:- 72° 43' 30.97" E</li><li>• Location: - L-60 &amp; L-61, Tarapur MIDC, Boisar</li><li>• Elevation above Mean Sea Level (meters):- 17 m.</li></ul>



Production details	Existing Products				
	Sr.	Name Of Product.	Qty. in MT/A		
	1	Polyamide Resins	1200		
	2	Amino Resins	300		
	3	Pigment	240		
	4	Total	1740		
	Proposed Products				
	Sr.	Name Of Product.	Qty. MT/A		
	1	Methyl Benzothiazine Isopropyl Ester	36 MT		
	2	6 – Chloro – 2 – Oxindole	15 MT		
	3	2 Amino – 5 Methyl Thiazole	12 MT		
	4	3-Piperazinyl 1- 1, 2 Benzisothizole Hcl	30 MT		
	5	4 – Hydrozino Benzene Sulfonamide Hcl	18 MT		
	6	1-(3- Chorophenyl)-2-[(1,1-Dimethylethyl) Amino]-1-Propanone	24 MT		
	7	3 Carbonyl Methyl 5 Methyl Hexanoic Acid	15 MT		
	8	2 Methoxy – 5 (2 Oxopropyl) Benzene Sulfonamide	18 MT		
		Total	168 MT/A		
Rain Water Harvesting(RWH)	<ul style="list-style-type: none"><li>• Level of the Ground water table – 3-4 mt</li><li>• Size and no of RWH tank(s) and Quantity 15 m<sup>3</sup></li><li>• Location of the RWH tank(s) SW corner of plant</li><li>• Size, nos of recharge pits and Quantity. Nil</li><li>• Budgetary allocation (Capital cost Rs 2.0 Lakhs)</li></ul>				
Total Water Requirement	Total water requirement: <ul style="list-style-type: none"><li>• Fresh water (CMD) : 40 (Existing)</li><li>• Fresh water (CMD) : 32 (Proposed)</li><li>• Source :M.I.D.C Water supply</li><li>• Recycled water (CMD) : 10 CMD</li></ul>				
Storm water drainage	Natural water drainage pattern : Yes Size of SWD: 400mm x 600mm				
Sewage generation and treatment	Amount of sewage generation (CMD) - 1.8 CMD Proposed treatment for the sewage: septic tank followed by aeration tank of ETP				
Effluent characteristic	Sr. no	Parameters (pH,BOD,COD ,heavy metal. etc	Inlet effluent characteristic	Outlet effluent characteristic	Effluent discharge standard (CPCB/MPCB)
	1	pH	6-8	7	6-9
	2	TSS	600-900	105	< 100
	3	BOD	800-1000	38	< 100
	4	COD	2800-3000	125	< 250
	5	O & G	12-16	0.5	< 10
ETP details	<ul style="list-style-type: none"><li>• Amount of effluent generation (CMD): 15</li><li>• Capacity of the ETP (CMD): 20</li><li>• Amount of treated effluent recycled (CMD): 10</li></ul>				

	• Membership of the CETP : N.A (as RO and MEE will be provided)					
Note on ETP technology to be used	Primary Treatment, Biological treatment and Pressure sand Activated carbon filter & RO, MEE.					
Disposal of the ETP sludge	8 MT / Annum- Disposed to CHWTDSF.					
Solid waste Management	Sr.	Source	Qty(TPM )	Form (sludge / Dry / slurry etc.)	Composition	
	1	ETP Sludge	8	Sludge	Chemical sludge	
	2	Distillation residues	0.6	Sludge	Organic Salt	
	3	Spent Oil	200 ltr/Annum	Slurry	Organic	
	• ETP sludge category 34.3 – 8 MT/A will be disposed to CHWTSDF. It does not contain any hazardous waste. Spent oil Category 5.1 will be sent to authorized reprocessor/ recycler.					
Atmospheric Emissions (Flue gas characteristics SPM, SO <sub>2</sub> , NO <sub>x</sub> , CO, etc.)	Sr. No	Pollutant	Source of emission	Concentration in flue gas		
	1	PM 10	Boiler	67.95 (mg/Nm <sup>3</sup> )		
	2	SO <sub>2</sub>		0.17 (Kg/hr)		
	3	PM 2.5	D.G Set	51.30 mg/Nm <sup>3</sup>		
	4	SO <sub>2</sub>		0.04 (Kg/hr)		
		Acid Mist	Scrubber	2.98 mg/Nm <sup>3</sup>		
Stack emission Details:	Plant section & units	Stack no	Height from ground level (M)	Internal diameter (top)(m)	Volumetric Flow Rate (m3/hr)	Temp. of exhaust
	Boiler (1nos)	1	32	0.450m	1100-1200	120-140 °C
	D.G. Set 125 KVA	1	3 mtrs	0.300 m	300-500	125-160 °C
	Scrubber	1	12 mtrs	0.275	180-250	45-50 °C
Emission Standard	Pollutants (SPM,SO <sub>2</sub> ,etc		Emission standard limit (mg/Nm <sup>3</sup> )	Proposed limit (mg/Nm <sup>3</sup> )		MPCB consent (mg/Nm <sup>3</sup> )
	SPM		150	<150		150
	Acid Mist		35	<35		--
	SO2		360	<360		360
Ambient Air Quality Data	Pollutant		Permissible standard	Proposed concentration (in ug/m <sup>3</sup> )		Remarks
	PM 2.5		60 ug/m3	<60		Within limit
	PM 10		100 ug/m3	<100		
	SO <sub>2</sub>		80 ug/m3	<80		
	NO <sub>x</sub>		80 ug/m3	<80		
	CO		04 mg/m3 (1 hourly)	<4		

Details of Fuel to be used:	Sr. no	Fuel	Daily Consumption (TPD/KLD)	Calorific value(kcal/ /kg)	% ash	% Sulphur
	1	Briquette	0.8TPD	4487	3.2%	9 %
	2	F.O	600 kg/Day	10,500	0.1	9
	3	HSD	12 Ltr/Hr	10,000	3.15%-7.35%	1.8%
	Source of fuel: HPCL, BPCL and IOCL Source of Briquette: local vendor Mode of transportation of fuel to site: By Road					
Energy	Power supply: MSEDCL Existing power requirement: 150 KVA DG sets: Number and capacity DG sets to be = 1x125 KVA, Details of the non-conventional renewable energy proposed to be used : Nil					
Green Belt Development	Green belt area (Sq. m.): 700 Sq mts Number and species of trees to be planted :- about 450 Nos., The species of plants to be planted are as follows Khair, Bel, Saptaparni, Ankol, Agar, Palash, Indian labernum, Jarul, Karanj, Sita Ashok, Gum Karaya, Jamun, Arjun, Indian rubber tree, Banyan , Vad, Peepal and Udumbara The size, age and species of trees to be cut,					
Details of Pollution Control Systems	Sr.	Type	Existing	Proposed to be installed		
	1	Air	NIL	Scrubbers, stack with effective height, condenser and cyclone dust collectors		
	2	Water	NIL	ETP + R.O+ MEE		
	3	Noise	NIL	Acoustic Enclosure for DG sets. Ear mufflers and ear plugs		
	4	Solid waste	NIL	Disposal to Authorized common facility		
Environmental Management plan Budgetary Allocation	Capital cost (With break up) : 32,00,000/- O&M cost (With break up) : 9,50,000/-					
	Sr.	Item		Recurring Cost /Y (Rs.)		Capital Cost (Rs.)
	1	Air Pollution Control		75,000/-		3,50,000/-
	2	Water Pollution Control		6,00,000/-		25,00,000/-
	3	Noise Pollution Control		15,000/-		50,000/-
	4	Environment monitoring and Management		80,000		--
	6	Occupational health		40,000/-		--
	7	Green Belt		60,000/-		1,00,000/-
	8	Solid west management		80,000/-		--
	9	Rain Water Harvesting				2,00,000/-
		Total Cost		9,50,000/-		32,00,000/-

3. The proposal has been considered by SEIAA in its 73<sup>rd</sup> 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 :
- (i) No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
  - (ii) This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.
  - (iii) For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.
  - (iv) PP has to abide by the conditions stipulated by SEAC & SEIAA.PP to ensure that all effluent discharge standards including TSS shall be within the limit as mentioned in MPCB COP
  - (v) Regular monitoring of the air quality, including SPM & SO<sub>2</sub> levels both in work zone and ambient air shall be carried out in and around the power plant and records shall be maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) & submit report accordingly to MPCB.
  - (vi) Necessary arrangement shall be made for adequate safety and ventilation arrangement in furnace area.
  - (vii) Proper Housekeeping programs shall be implemented.
  - (viii) In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.
  - (ix) Stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set.(If applicable)
  - (x) A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
  - (xi) Arrangement shall be made that effluent and storm water does not get mixed.
  - (xii) 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.
  - (xiii) The overall noise levels in and around the plant shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures,



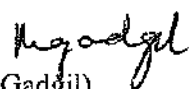
etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.

- (xiv) 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.
- (xv) Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Smoke and Heat detection devices shall also be installed at strategic places for early detection and warning.
- (xvi) Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.
- (xvii) The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
- (xviii) 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.
- (xix) The company shall undertake following Waste Minimization Measures :
  - Metering of quantities of active ingredients to minimize waste.
  - Reuse of by- products from the process as raw materials or as raw material substitutes in other process.
  - Maximizing Recoveries.
  - Use of automated material transfer system to minimize spillage.
- (xx) 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.
- (xxi) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- (xxii) Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of the ash.
- (xxiii) Separate silos will be provided for collecting and storing bottom ash and fly ash.
- (xxiv) 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.
- (xxv) 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.
- (xxvi) The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the marathi language of the local concerned within seven days of issue of this letter, informing that

the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <http://ec.maharashtra.gov.in>

- (xxvii) Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1<sup>st</sup> June & 1<sup>st</sup> December of each calendar year.
  - (xxviii) 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.
  - (xxix) 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 sectorial 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.
  - (xxx) Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.
  - (xxxi) A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
  - (xxxii) The environmental clearance is being issued without prejudice to the 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 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.
4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.
  5. The Environment department reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.
  6. **Validity of Environment Clearance:** The environmental clearance accorded shall be valid for a period of 5 years to start of production operations.
  7. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

8. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.
9. Any appeal against this environmental clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1<sup>st</sup> Floor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
10. This Environment Clearance is issued for proposed expansion with new API products at plot No.L-60 & L-61 at Tarapur MIDC, Dist Thane by M/s Macrotech Polychem Pvt.Ltd

  
(Medha Gadgil)  
Additional Chief Secretary,  
Environment department &  
MS, SEIAA

**Copy to:**

1. Shri. R. C. Joshi, IAS (Retd.), Chairman, SEIAA, Flat No. 26, Belvedere, Bhulabhai desai road, Breach candy, Mumbai- 400026.
2. Shri T. C. Benjamin, IAS (Retired), Chairman, SEAC-I, 602, PECAN, Marigold, Behind Gold Adlabs, Kalyani Nagar, Pune - 411014.
3. Additional Secretary, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
4. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
5. The CCF, Regional Office, Ministry of Environment and Forest (Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No- 3, E-5, Ravi-Shankar Nagar, Bhopal- 462 016). (MP).
6. Regional Office, MPCB, Thane
7. IA- Division, Monitoring Cell, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
8. Select file (TC-3)

(EC uploaded on 5/12/14 )

# 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 and  
4th floor, Opp. Cine Planet  
Cinema, Near Sion Circle,  
Sion (E), Mumbai-400022

RED/L.S.I (R58)  
No:- Format1.0/AS(T)/UAN No.MPCB-  
CONSENT-0000149851/CR/2301001272

Date: 13/01/2023

To,  
MACROTECH POLYCHEM PVT. LTD.,  
PLOT NO. L- 60 / 61, M.I.D.C.,TARAPUR INDL AREA,  
BOISAR, TAL & DIST - PALGHAR



Your Service is Our Duty

**Sub: Grant of Renewal of Consent to Operate under RED/LSI**

- Ref:**
1. Consent to Operate accorded by the Board Vide No. Format 1.0 /AST/ UAN No. 0000121992/CO -2112000404, Dated. 08/12/2021, which was valid upto 31/12/2022.
  2. Environmental Clearance accorded vide No. SEAC-2212/CR-429/TC-2, dated 01/12/2014.
  3. Renewal of consent accorded vide Format1.0/AS(T)/UAN No.MPCBCONSENT-0000149851/CR/2301000634, dated 05/01/2023.

Your application No.MPCB-CONSENT-0000149851 Dated 04.10.2022

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 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. **The consent to renewal is granted for a period up to 31/12/2025**
2. **The capital investment of the project is Rs.33.4537 Crs. (As per C.A Certificate submitted by industry Existing CI is-Rs. 24.4625 Crs + Increase in C.I. - Rs. 8.9912 Crs)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
Products					
1	Methyl Benzothiazine Isopropyl Ester	3	0	3	MT/M
2	6-Chloro-2- Oxindole	1.25	0	1.25	MT/M
3	2 Amino-5 Methyl Thiazole	1	0	1	MT/M
4	3-Piperaziny 1-1, 2-Benzisothiazole HCL	2.5	0	2.5	MT/M
5	4-Hydrozino Benzene Sulfonammide HCL	1.5	0	1.5	MT/M
6	1-(3- Chlorophenyl)-2- [(1,1-D methylethyl) Amino]-1-propane	2	0	2	MT/M
7	3 Carbonyl Methyl 5 Methyl Hexanoic Acid	1.25	0	1.25	MT/M



<b>Sr No</b>	<b>Product</b>	<b>Existing Quantity</b>	<b>Proposed Quantity</b>	<b>Total</b>	<b>UOM</b>
8	2-Methoxy-5(2 Oxopropyl)Benzen e Sulfonamide	1.5	0	1.5	MT/M
9	Distillation of Mix Solvent / Dilute Solvent Recycle	50	0	50	MT/M
10	Thinner	10	0	10	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	4.0	As per Schedule-I	Recycle 100% to achieve ZLD
2.	Domestic effluent	1	As per Schedule-I	Soaked in soak pit

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 - 1 (3 TPH)	1	As per Schedule -II
2	S-1	Thermopack (2 Lach K Cal)	1	As per Schedule -II
3	S-2	D.G. Set (500 KVA)	1	As per Schedule -II
4	S-3	2 Amino-5 Methyl Thiazole Reactor Alkali Scrubber	1	As per Schedule -II
5	S-4	3-piperaziny 1-1, 2- Benzisothizole HCL Reactor Scrubber (2 Stage)	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	Cartoon, Box, Paper	1.5	MT/M	Sale	Sale to authorized party
2	Metal Waste	2	MT/M	Sale	Sale to authorized party
3	Wooden Pallet	1	MT/M	Sale	Sale to authorized party
4	Boiler Ash	3	MT/M	Sale	Sale to Brick Manufacturer
5	Non Hazardous Drums, Barrels	100	No/M	Sale	Sale to authorized party

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for 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	28.6 Spent organic solvents	25	MT/M	Recycle*	Sale to authorised party / CHWTSDF

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
2	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	1000	No/M	Recycle*	Sale to authorised party / CHWTSDf
3	20.3 Distillation residues	20	Kg/Day	Incineration	CHWTSDf
4	35.3 Chemical sludge from waste water treatment	200	Kg/Day	Landfill	CHWTSDf
5	37.3 Concentration or evaporation residues	2500	Kg/Day	Incineration	CHWTSDf
6	28.4 Off specification products	30	Kg/M	Incineration	CHWTSDf
7	35.4 Oil and grease skimming	50	Kg/M	Incineration	CHWTSDf
8	28.3 Spent carbon	200	Kg/M	Incineration	CHWTSDf
9	5.1 Used or spent oil	50	Kg/M	Recycle*	Sale to authorised party / CHWTSDf

**\* -Industry shall ensure disposal of Hazardous Waste to the Actual user having permissions under Rule 9 of Hazardous and other Waste (M & TM) Rules, 2016.**

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

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	Plastic Wrapping	200.00	Kg/M	Authorized Recycler

9. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
10. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
11. The industry shall obtain necessary permission from the Directorate of Industrial Safety and Health (DISH).
12. The applicant shall not carry out any excess production or produce new products without Consent of the Board and without Environmental Clearance wherever it applicable.
13. The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. SEAC-2212/CR-429/TC-2 dtd. 01/12/2014.
14. The applicant shall properly collect, transport & regularly dispose-off the Hazardous Waste to CHWTSDf, in compliance of the Hazardous and other Waste (M & TH) Rule-2016 through online manifest system.
15. The industry shall ensure connectivity of continuous online monitoring system to the Board server & data to be transmitted directly from Data Logger to the Board server.
16. This Consent is issued without prejudice to the order passed as may be passed by the Hon'ble NGT, in the matter O.A. No. 1038/2018.

17. Industry shall comply with direction issued to CETP on 22.01.2021, regarding installation of two-way SCADA, Auto-sampler, Non-Return Valve (NRV) with positive discharge to CETP chamber.
18. This consent is issued as per the Office Order for Consent Management of the Board No. 12/2020 dtd. 23.12.2020.
19. Industry shall ensure online monitoring system i.e. IP Camera and flow meter to ensure the Zero Liquid Discharge and its connectivity to the MPCB server. Industry shall also install separate energy meter to the pollution control devices.
20. This consent is issued with overriding effect to earlier consent accorded vide Format1.0/AS(T)/UAN No.MPCBCONSENT-0000149851/CR/2301000634, dated 05/01/2023.
21. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent.



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**Signed by: Dr. J.B. Sangewar**  
Assistant Secretary (Technical)  
For and on behalf of,  
**Maharashtra Pollution Control Board**  
ast@mpcb.gov.in  
2023-01-13 13:12:02 IST

#### Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	225000.00	TXN2211000112	02/11/2022	Online Payment
2	25000.00	TXN2212000559	07/12/2022	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 1.0 CMD** - Treatment system comprising of Primary (Collection tank, Neutralization tank, Primary Clarifier/Primary Settling Tank) ., Stripper, Multi effect evaporator followed by ATFD.  
**ii) Weak COD/TDS stream of 3.0 CMD** - Treatment system comprising of Primary (Collection tank, Neutralization tank, Equalization tank, Flash mixer, Primary Clarifier/Primary Settling Tank), Secondary (Activated sludge process), Tertiary (Pressure sand filter, Activated carbon filter), Advance treatment (Reverse osmosis), Sludge treatment (Sludge drying bed) with design capacity of 10 CMD.  
B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent and recycle the entire treated effluent into the process for various purposes such as for cooling, process & Scrubbing with metering system so as to achieve Zero Liquid Discharge. There shall be no discharge on land or outside factory premises.  
C] Industry shall ensure online monitoring system i.e. IP Camera and flow meter to ensure the Zero Liquid Discharge and its connectivity to the MPCB server. Industry shall also install separate energy meter to the pollution control devices.
2. A] As per your application, you have provided Septic Tank followed by Soak pit for the treatment of 1 CMD of sewage.  
B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

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

  
C] The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, sewage shall find its way for gardening / outside factory premises.
3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification 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	23.00
2.	Domestic purpose	2.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	10.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	1.0

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/pro posed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	Boiler (3 TPH)	Cyclone Stack	40.00	Briquette 50 MT/M	0.06	TPM	50 Mg/Nm <sup>3</sup>
						SO2	6.6 Kg/Day
						SO2	36 Kg/Day
	Thermopack	Cyclone Stack		LDO 1.0 MT/Day	1.8	TPM	50 Mg/Nm <sup>3</sup>
						SO2	6.6 Kg/Day
						SO2	36 Kg/Day
S-2	DG Set	Acoustic Enclosure Stack	4.00	HSD 15 Ltr/Hr	1	TPM	50 Mg/Nm <sup>3</sup>
						SO2	3.6 Kg/Day
S-3	2 Amino-5 Methyl Thiazole Reactor Alkali Scrubber	Scrubber	10.00	-	-	Acid Mist	35 Mg/Nm <sup>3</sup>
S-4	3-piperaziny 1-1, 2- Benzisothizole HCL Reactor Scrubber (2 STAGE)	Scrubber	10.00	0 0 --NA--	-	HBr	5 Mg/Nm <sup>3</sup>

[D.G Stack height shall be above roof of the building in which it is installed]

- 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 (mg/l)	
Total Particulate Matter	Not to exceed	50 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).

6. Solvent Management shall be carried out as follows:
- a. Reactors shall be connected to Water / Chilled Water /Brine Condenser system.
  - b. Reactors and solvent handling pumps shall have mechanical seals to prevent the leakages.
  - c. The condensers shall be provided with adequate Heat transfer area (HTA) and residence time so as to achieve more than 97% overall recovery
  - d. Solvents shall be stored in a separate space specified with all safety measures.
  - e. Proper earthing shall be provided in all the equipment's, wherever solvent handling is done.
  - f. Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.
  - g. All the solvent storage tanks shall be connected with vent condensers with Water / chilled water / Brine circulation.
  - h. Fugitive emissions shall be controlled at 99.95% with effective chillers.
  - i. Solvent transfer shall be through pump.
  - j. Metering and control of quantities of active ingredients to minimize wastes.
  - k. Use of automatic filling to minimize spillage.
  - l. Use of close feed system into batch reactors.
  - m. 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	Conditional Restart Directions 25.03.2021 (Existing to be extended)	Rs. 2.0 Lacs	15 days	Towards compliance of Conditional Restart Directions dtd. 25.03.2021	31/12/2025	30/06/2025
2	C to R (existing to be extended)	Rs. 5.0 Lacs	15 days	Towards O & M of Pollution Control Systems and compliance of consent conditions	30/06/2025	30/06/2025
3	Restart Direction Condition (existing to be extended)	Rs. 50,000/-	15 days	Towards effective O & M of ETP and APCs so as to achieve Consented Standards	30/06/2025	30/06/2025
4	C to R (existing to be extended)	Rs. 1.0 Lakhs	15 days	Towards compliance of Consent Conditions	30/06/2025	30/06/2025

**\*\*Existing BG obtained for above purpose if any, may be extended for period of validity as above.**

**BG Forfeiture History**

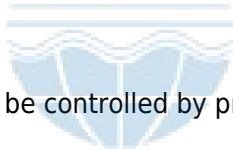
<b>Srno.</b>	<b>Consent (C2E/C2O/C2R)</b>	<b>Amount of BG imposed</b>	<b>Submission Period</b>	<b>Purpose of BG</b>	<b>Amount of BG Forfeiture</b>	<b>Reason of BG Forfeiture</b>
NA						

**BG Return details**

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

**SCHEDULE-IV**  
**General Conditions:**

1. The waste generator shall.-
  - a) take steps to minimize generation of plastic waste and segregate plastic waste at source in accordance with the Plastic Waste Management Rules, 2016 or as amended from time to time.
  - b) not litter the plastic waste and ensure segregated storage of waste at source and handover segregated waste to urban local body or gram panchayat or agencies appointed by them or registered waste pickers', registered recyclers or waste collection agencies;
2. All institutional generators of plastic waste, shall segregate and store the waste generated by them in accordance with the Plastic Waste Management Rules, 2016 amendment from time to time and handover segregated wastes to authorized waste processing or disposal facilities or deposition centers either on its own or through the authorized waste collection agency.
3. All waste generators shall pay such user fee or charge as may be specified in the byelaws of the local bodies for plastic waste management such as waste collection or operation of the facility thereof, etc.;
4. Every person responsible for organizing an event in open space, which involves service of food stuff in plastic or multilayered packaging shall segregate and manage the waste generated during such events in accordance with the Plastic Waste Management Rules, 2016 amendment from time to time.
5. The Energy source for lighting purpose shall preferably be LED based
6. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
7. Conditions for D.G. Set
  - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
  - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
  - f) D.G. Set shall be operated only in case of power failure.
  - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
8. The applicant shall maintain good housekeeping.



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



23. 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)).
24. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
25. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
26. The industry should not cause any nuisance in surrounding area.
27. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
28. 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.
29. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
30. The 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.
31. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
32. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
33. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
34. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
35. 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.

36. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
37. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

---

This certificate is digitally & electronically signed.

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## Annexure 1

TEST REPORT				
Report No:	EFEL/PRO/2025/06/524	Issue Date	23/06/2025	
Name and Address of Customer	M/s. Macrotech Polychem Pvt Ltd. Plot No. L-60/61, MIDC Tarapur, Boisar, Palghar 401506, Maharashtra.			
Sample Name	Effluent	Sample Description	ETP Inlet	
Date of Sampling	17/06/2025	Sampling duration		
Sampling Location	ETP Plant	Sampling Procedure	APHA 1060	
Sampling done by	Green India Environmental Consultant ( 9503651578 )	Sample Quantity	1 L	
Start Date of Analysis	18/06/2025	End Date of Analysis	23/06/2025	
Results				
Sr. No.	Parameter	Result	Unit(s)	Method
1	pH	7.21	--	APHA 4500 H+ A, 24 <sup>th</sup> Ed. 2023
2	Total Suspended Solids TSS	240.0	mg/L	APHA 2540 D, 24 <sup>th</sup> Ed. 2023
3	Biochemical Oxygen Demand BOD at 27°C for 3 days	774.0	mg/L	IS 3025 (Part 44)
4	Chemical Oxygen Demand COD	8420.0	mg/L	IS 3025 (Part 58)
5	Oil & Grease	3.0	mg/L	APHA 5520 B, 24 <sup>th</sup> Ed. 2023



Authorized Signatory  
Mr. Mahesh Shelar  
(Managing Director)

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## TEST REPORT

TEST REPORT					
Report No:		EFEL/PRO/2025/06/525		Issue Date	23/06/2025
Name and Address of Customer		M/s. Macrotech Polychem Pvt Ltd. Plot No. L-60/61, MIDC Tarapur, Boisar, Palghar 401506, Maharashtra.			
Sample Name		Effluent		Sample Description	ETP Outlet
Date of Sampling		17/06/2025		Sampling duration	
Sampling Location		ETP Plant		Sampling Procedure	APHA 1060
Sampling done by		Green India Environmental Consultant ( 9503651578 )		Sample Quantity	2 L
Start Date of Analysis		18/06/2025		End Date of Analysis	23/06/2025
Results					
Sr. No.	Parameters	Results	Unit(s)	MPCB Limit	Methods
1	pH	7.46	--	5.5 - 9.0	APHA 4500 H+ A, 23 <sup>rd</sup> Ed. 2017
2	Total Suspended Solids TSS	16.0	mg/L	≤100	APHA 2540 D, 23 <sup>rd</sup> Ed. 2017
3	BOD at 27°C for 3 days	28.0	mg/L	≤100	IS 3025 (Part 44)
4	Chemical Oxygen Demand COD	84.00	mg/L	≤250	IS 3025 (Part 58)
5	Oil & Grease	BDL	mg/L	≤10	APHA 5520 B, 23 <sup>rd</sup> Ed. 2017
Remark- All Parameters are Within MPCB Limit.					



Authorized Signatory  
Mr. Mahesh Shelar  
(Managing Director)  
Page 01 of 01

# Parameter Details

Sr. No.	Parameter Name	Unit	Station Name	Connection Type (RS232/RS-485)	Device Make	Device model No.	Device Vendor	Serial No of Device	Parameter Limit	Parameter Limit Low	Parameter Limit High
1	Flow	litre/hour	ETP Plant Outlet	RS232	Freding Rama Instruments	FMF 2040	Rama Electronic Service	FT 01 (0221-2061)	04	litre/hour/day	-----
2	Ph	Ph	ETP Plant Outlet	RS232	Freding Rama Instruments	PH 01	Rama Electronic Service	PH 01 (21.02.2300)	5.5 to 9.0 ph	5.5	9
3	Flow Totalizer	m3/day	ETP Plant Outlet	RS232	Freding Rama Instruments	FMF 2040	Rama Electronic Service	FT 01 (0221-2061)	4.0	litre/hour/day	4.0
4	COD	mg/l	ETP Plant Outlet	RS232	Tedhys	UV500-C	Rama Electronic Service	COD 01 (F210528)	0 TO 3500	-----	3500
5	BOD	mg/l	ETP Plant Outlet	RS232	Tedhys	UV500-C	Rama Electronic Service	BOD 01 (F210528)	0 TO 1500	-----	1500
6	TSS	mg/l	ETP Plant Outlet	RS232	Tedhys	UV500-C	Rama Electronic Service	TSS 01 (F210528)	0 TO 100	-----	100
7	TOC	mg/l	ETP Plant Outlet	RS232	Tedhys	UV500-C	Rama Electronic Service	TOC 01 (F210528)	-----	-----	-----

## Company

MPCB Consent No.	Consent Issued Date (DD-MM-YYYY)	16/02/2018
Consent Valid Date (DD-MM-YYYY)	Application Date (DD-MM-YYYY)	
MIDC Water Consumer No.	Company GST No.	27AADCM9120D1ZQ

Industry Name	Industry Code (if Provide by CPCB)	
Industry Full Address	Industry Category (Like Chemicals, Pharmaceuticals, Dyes)	CHEMICAL
Plant/Station Name	ETP Plant	
Contact Name	Contact Number	9158888256
Contact Email	khankar@mgfincchem.com	
Latitude	Longitude	
Data Connectivity Vendor name	Rama Electronics Service	





## ***Ratna Electronics Service***

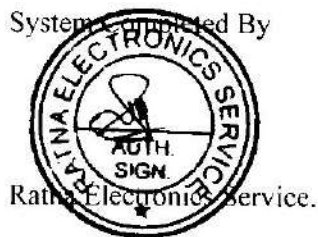
223, Sagar Industrial Estate, Near Dahisar Toll Naka, S. V. Road, Dahisar (East), Mumbai - 68. **Mob.: 94224 74457 / 87674 74457**

24, K. P. Complex, Behind S. V. Machine Tools, Navapur Road, Boisar, Dist. Palghar - 401 501, Maharashtra, India. **Tel.: 02525-260008**  
E-mail : ratna\_elct@yahoo.com / ratnaelectronics65@gmail.com  
Website : www.ratnaelectronicservice.com

### **C.1 Completion Certificate.**

- **PH meter installed.**
- **Flow meter installed.**
- **COD analyzer installed.**
- **NRV system installed.**
- **Autosampler installed.**
- **Two way scada system checked.**

System Completed By



Ratna Electronics Service.

For

Microtech Polychem Pvt. Ltd.



TEST REPORT					
Report No:		EFEL/PRO/2025/06/517		Issue Date	23/06/2025
Name and Address of Customer		M/s. Macrotech Polychem Pvt Ltd. Plot No. L-60/61, MIDC Tarapur, Boisar, Palghar 401506, Maharashtra.			
Sample Name		Air	Sample Description		Ambient Air
Date of Sampling		16/06/2025	Sampling duration		1440 Min
Start Date of Analysis		17/06/2025	End Date of Analysis		23/06/2025
Sampling Location		Near Main Gate	Sampling Procedure		CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature		28 <sup>o</sup> C	Wet bulb temperature		24 <sup>o</sup> C
Relative Humidity		74 %	Sampling done by		M/s. Green India Environmental Consultant ( 9503651578)
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	21.6	µg/m <sup>3</sup>	≤ 80	IS 5182(Part 2)
2	Oxides of Nitrogen (NO <sub>2</sub> )	26.9	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	52.3	µg/m <sup>3</sup>	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM <sub>2.5</sub>	32.6	µg/m <sup>3</sup>	≤ 60	
5	Carbon Monoxide (CO)	0.3	mg/m <sup>3</sup>	≤ 04	
6	Ozone (O <sub>3</sub> )	21.0	µg/m <sup>3</sup>	≤ 180	
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	
8	Arsenic (As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel (Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Ammonia (NH <sub>3</sub> )	BDL	µg/m <sup>3</sup>	≤ 400	
11	Benzo(a)Pyrene (BaP)	BDL	ng/ m <sup>3</sup>	≤ 1.0	
12	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 (Part 11)
Remark- All above results are within National Ambient Air Quality standards. BDL – Below Detectable Limit.					





Authorized Signatory  
Mr. Mahesh Shelar  
(Managing Director)

Page 01 of 01



## TEST REPORT

Report No:	EFEL/PRO/2025/06/518	Issue Date	23/06/2025
Name and Address of Customer	M/s. Macrotech Polychem Pvt Ltd. Plot No. L-60/61, MIDC Tarapur, Boisar, Palghar 401506, Maharashtra.		
Sample Name	Air	Sample Description	Ambient Air
Date of Sampling	16/06/2025	Sampling duration	1440 Min
Start Date of Analysis	17/06/2025	End Date of Analysis	23/06/2025
Sampling Location	Near ETP Area	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	28°C	Wet bulb temperature	24°C
Relative Humidity	74 %	Sampling done by	M/s. Green India Environmental Consultant ( 9503651578)

## Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	19.8	µg/m <sup>3</sup>	≤ 80	IS 5182(Part 2)
2	Oxides of Nitrogen (NO <sub>2</sub> )	24.8	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	52.6	µg/m <sup>3</sup>	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM <sub>2.5</sub>	32.8	µg/m <sup>3</sup>	≤ 60	
5	Carbon Monoxide (CO)	0.4	mg/m <sup>3</sup>	≤ 04	
6	Ozone (O <sub>3</sub> )	16.8	µg/m <sup>3</sup>	≤ 180	
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	
8	Arsenic (As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel (Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Ammonia (NH <sub>3</sub> )	BDL	µg/m <sup>3</sup>	≤ 400	
11	Benzo(a)Pyrene (BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	
12	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 (Part 11)

**Remark-** All above results are within National Ambient Air Quality standards.  
BDL – Below Detectable Limit.



Authorized Signatory  
Mr. Mahesh Shelar  
(Managing Director)  
Page 01 of 01

Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India.

Registered Address: Flat No. A-5, Balaji palace, Kharadi Road,  
Chandan Nagar, Tal. Haveli, Dist. Pune - 411014.

Certifications: ISO 9001 : 2015  
• ISO 14001: 2015 • ISO 45001 : 2018



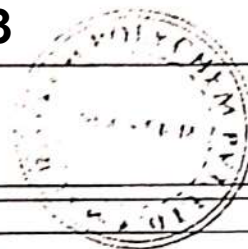


## Annexure 3



**Macrotech Polychem Pvt. Ltd.**  
Manufacturing of : Bulk Drugs Intermediate & Chemicals

Plot No. L-60/61, MIDC Tarapur, Boisar (W), Dist. Palghar, Maharashtra, India, Pin- 401506.



### Administration

#### Factory Premises Cleaning Record

Format No.: AD/FM-004/01

Reference SOP No.: ADS/005

Page No.: 1 of 1

Month : May - 2025

Sr. No.	Areas/Items to be cleaned	Frequency	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
1.	Flooring	Daily		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2.	Outside Drainage	Daily		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3.	Road	Daily		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4.	Staircase	Daily		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
5.	Road by Jet Water	Twice a Week			✓				✓				✓				✓				✓				✓				✓				✓		
6.	Wall	Weekly				✓								✓						✓							✓								
7.	Window Glass & Net	Weekly	NA			✓								✓						✓								✓							
8.	Door	Weekly			✓							✓							✓							✓							✓		
9.	Building Premises	Weekly					✓								✓									✓							✓				
10.	Fan, AC, Exhaust	Weekly						✓								✓										✓							✓		
11.	Water Cooler	Weekly					✓							✓								✓							✓						
12.	Terrace	Monthly																	✓																
Cleaning Done By :				ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	
Cleaning Checked By :				ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG	ADG

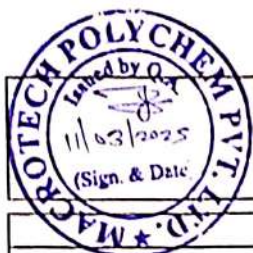
#### PREPARATION & USAGE OF DISINFECTANTS SOLUTION:

- 1) Preparation of Dettol solution: Take 100 ml of Dettol solution & add this to 5 liter of Potable water (i.e. 2% Solution), mix & use this for cleaning. This is to be prepared on day of use.
- 2) Preparation of Lysol solution: Take 100 ml of Lysol solution & add this to 5 liter of Potable water (i.e. 2% Solution), mix & use this for cleaning. This is to be prepared on day of use.

Usages: The disinfectant is to be changed every week alternating between Dettol & Lysol.

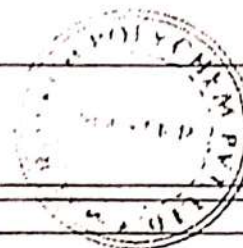
✓ : Cleaning Completed





**Macrotech Polychem Pvt. Ltd.**  
Manufacturing of : Bulk Drugs Intermediate & Chemicals

Plot No. L-60/61, MIDC Tarpur, Boisar (W), Dist. Palghar, Maharashtra, India, Pin- 401506.



**Administration**

**Factory Premises Cleaning Record**

Format No.: AD/FM-004/01

Reference SOP No.: ADS/005

Page No.: 1 of 1

Month : June-2025

Sr. No.	Areas/Items to be cleaned	Frequency	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
1.	Flooring	Daily	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2.	Outside Drainage	Daily	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3.	Road	Daily	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4.	Staircase	Daily	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
5.	Road by Jet Water	Twice a Week		✓				✓				✓				✓			✓				✓			✓				✓					
6.	Wall	Weekly							✓							✓							✓								✓				
7.	Window Glass & Net	Weekly						✓							✓							✓								✓					
8.	Door	Weekly					✓							✓							✓										✓				
9.	Building Premises	Weekly						✓							✓								✓								✓				
10.	Fan, AC, Exhaust	Weekly						✓							✓							✓								✓					
11.	Water Cooler	Weekly							✓							✓								✓								✓			
12.	Terrace	Monthly																✓																	
Cleaning Done By :			AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	
Cleaning Checked By :			AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK

**PREPARATION & USAGE OF DISINFECTANTS SOLUTION:**

✓ : Cleaning Completed

- 1) Preparation of Dettol solution: Take 100 ml of Dettol solution & add this to 5 liter of Potable water (i.e. 2% Solution), mix & use this for cleaning. This is to be prepared on day of use.
- 2) Preparation of Lysol solution: Take 100 ml of Lysol solution & add this to 5 liter of Potable water (i.e. 2% Solution), mix & use this for cleaning. This is to be prepared on day of use.

Usages: The disinfectant is to be changed every week alternating between Dettol & Lysol.



## ANNEXURE 4

### Rain Water Harvesting System Photograph





## Annexure 5







## Annexure 6

TEST REPORT					
Report No:	EFEL/PRO/2025/06/523		Issue Date	23/06/2025	
Name and Address of Customer	M/s. Macrotech Polychem Pvt Ltd. Plot No. L-60/61, MIDC Tarapur, Boisar, Palghar 401506, Maharashtra.				
Sample Name	Noise	Sample Description	Ambient Noise		
Date of Sampling	16/06/2025	Sampling duration	Spot Time		
Sampling done by	M/s. Green India Environmental Consultant ( 9503651578 )				
Results					
Sr. No.	Locations	12.30 Hrs Result dB(A) Day	22.00 Hrs Result dB(A) Night	Specifications (CPCB Standards dB(A))	Method
1.	Near Main Gate	65.6	64.2	75/70	CPCB Guideline
2.	Near ETP Area	66.4	62.7		
3.	Production Area 1 <sup>st</sup> Floor	68.2	65.7		
4.	Near Boiler House	66.3	62.4		
5.	Near Cooling Tower	70.3	64.1		
6.	Near DG Set	64.3	66.5		
7.	QC Lab	62.1	58.0		
8.	Production Area Ground Floor	62.9	62.2		
Remark-					
<ul style="list-style-type: none"><li>➤ All above Noise level results are within Central Pollution Control Board Standards limit.</li><li>➤ Day/Night -75/70 dB.</li></ul>					



Authorized Signatory  
Mr. Mahesh Shelar  
(Managing Director)  
Page 01 of 01

## Annexure 7

### Maharashtra Industrial Development Corporation (A Government Of Maharashtra Undertaking)

Tel: (022) 5820703,  
Fax: 022 5821886  
E-mail: rothanel@midcindia.org

Regional Office, Thane-1  
MIDC, Thane Region, Office Complex  
Building, 1st Floor Near Wagle Estate,  
Oetroi Naka.  
THANE - 400604

Letter No.: MIDC/RO(ROT-I)/TRP/OS-9/1 /4901

Date: 28/09/2022

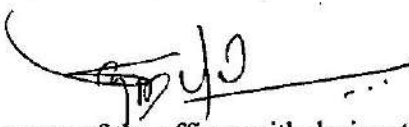
#### POSSESSION RECEIPT

I, **SHRI. V.D. Trimukhe**, Head Surveyor on behalf of the Maharashtra Industrial Development Corporation and Ravindra A. Khamkar on behalf of **M/S. Macrotech Polychem Pvt Ltd.** have this **4<sup>th</sup> October 2022** respectively handed over and taken over the possession of **Plot No. OS-9/1**, Admeasuring **1000.00 Sq. Meters** Area in **TARAPUR INDL. AREA**, Taluka - District **PALGHAR**, after actual measurement and demarcation of the plot on the site as is where is basis.

"Though the Physical possession of the **Plot No. OS-9/1** is handed over today, the **4<sup>th</sup> October 2022** the legal title to the plot shall be passed on to the allottee only after the legal documents as prescribed by MIDC are duly completed and titling conferred by the allottee and the competent officer in MIDC, and this possession receipt by itself, does not pass on the legal title of the plot to the person, to whom the plot is handed over"


In this connection, above possession is handed over subject to execution of Agreement to Lease within 60 days from the date of possession.

Place: Tarapur Indl area Plot No. OS-9/1  
Handed over by :  
**SHRI. V.D. TRIMUKHE.**  
**HEAD SURVEYOR**

  
(Signature of the officer with designation)

Date: 28/09/2022  
Taken Over By :

For MACROTECH POLYCHEM PVT. LTD.

  
Authorised Signatory

(Signature of the allottee or  
representative with his

## महाराष्ट्र औद्योगिक विकास महामंडळ

(महाराष्ट्र शासन अंगीकृत)

दुरध्वनी +९१-२२-२५८२ ०७०३/२५८२ ९५८९

फॅक्स +९१-२२-२५८२९८८६

Email: rothanc@midcindia.org

नोंदणीकृत टपालाद्वारे

जा क्र म औविम प्रा.का.ठाणे-१/५५ २०२२.

प्रति,

M/s MICROTECH POLYCHEM PVT. LTD.

Plot No. L-६० ६१, MIDC Tarapur Industrial Area,

Dist-Palghar-४०१ ५०६.

प्रादेशिक कार्यालय, म औविम, ठाणे-१

ऑफिस कॉम्प्लेक्स विल्डिंग,

वागळे इस्टेट, ठाणे.

दिनांक:

06 SEP

विषय :- तारापूर औद्योगिक क्षेत्र..

मोकळी जागा क्र.१/१ मधून १००० चौ.मी. जागा वृक्षारोपण, बागबगीचा,

सुशांभिकरणासाठी वाटप करणेबाबत.

संदर्भ :- १) आपले दि. ०६/०१/२०२२ या कार्यालयास प्राप्त दि. ०७/०१/२०२२.

२) या कार्यालयाचे पत्र क्र.३०४१, दि.१९/०७/२०२२.

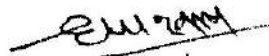
महोदय,

संदर्भीय पत्रान्वये आपण तारापूर औद्योगिक क्षेत्रामध्ये भूखंड क्र.एल-६०-६१ या भूखंडाकरिता, भूखंड क्र. ओएस-१/१ मधून वृक्षारोपण/बागबगीचा सुशांभिकरणासाठी जागा वाटप करणेबाबत विनंती केली आहे. त्या अनुषंगाने जागवरील सध्यास्थिती पहाता दि.००/०७/२०२२ रोजी झालेल्या भूखंड वाटप समितीच्या निर्णयास अनुसरून आपणाम ओपनस्पेस क्र.१/१ मधून १०००चौ.मी. क्षेत्र वृक्षारोपण/बागबगीचा सुशांभिकरणासाठी खालील अटी व शर्तीवर वाटप करण्यात येत आहे.

१. वरील वाटप करण्यात येत असलेली जागा ही प्रथमतः ५ वर्षांकरिता करारावर वाटप करण्यात येत आहे. सदर कालावधी, कराराच्या दिनांकापासून लागू राहिल. तसेच आपणाकडून करारातील अटी व शर्तीचे पाच वर्षांच्या करार कालावधीत पालन केलेले असल्यास व आपण विनंती केल्यास सदर पाच वर्षांच्या कालावधी ज्या दिवशी समाप्त होईल त्या दिवसापासून पुढील पाच वर्षांकरिता पुढील नुतननीकरण परवानगी देण्यात येईल.
२. सदर मोकळ्या जागेचे वाटप प्रचलित औद्योगिक दराच्या ०.१ टक्का याप्रमाणे प्रति चौ. मी. प्रति वर्ष भूईभाडे भरण्याच्या अटीवर करण्यात येत आहे.
३. सदर जागवरील ऑगस्ट-२०२२ ते जुलै-२०२३ या एक वर्षांकरिता भूईभाडे रक्कम रु.५०००/- (रु. पाच हजार फक्त) + १८ जीएसटी रक्कम रुपये ९००/- (रुपये नऊशे मात्र) अशी एकूण रक्कम रुपये ५९००/- (रुपये पाच हजार नऊशे मात्र) C.A.O., MIDC, Mumbai यांचे नावे धनाकथे (Demand Draft) द्वारे सदर पत्र निर्गमित झालेपासून ३० दिवसात भरणा करायी.
४. सदर भूईभाडे महामंडळाम भरणे नाही तर वाटप पत्र रद्द करून भूखंडाचा ताबा परत घेण्यात येईल. भूईभाडे आकारतांना त्या त्या वर्षी आस्तत्वात असलेला औद्योगिक दर विचारात घेण्यात येईल.
५. अजंदागने जर महामंडळाच्या अटी व शर्तीचे पालन केलेले असल्यास अजंदागचे विनंत्यानुसार पुढील पाच वर्षांकरिता करारनाम्याचे नुतननीकरण करणेबाबत विचार करण्यात येईल.
६. मोकळ्या जागेचे वाटप प्रचलित औद्योगिक दराच्या ०.१ टक्का याप्रमाणे प्रति चौ. मी. प्रति वर्ष भूईभाडे भरण्याच्या अटीवर करण्यात येत आहे. सदर भूईभाडे महामंडळाम भरणे नाही तर वाटप पत्र रद्द करून भूखंडाचा ताबा परत घेण्यात येईल. तसेच पुढील भूईभाडे आकारतांना त्या त्या वर्षी आस्तत्वात असलेला औद्योगिक दर विचारात घेण्यात येईल.
७. वृक्षारोपण/बागबगीचा/सुशांभिकरणासाठीच्या आराखाडयार महामंडळाच्या विशेष नियंत्रित प्राधिकरण (Special Planning Authority) द्वारे अभियंता, इन्जि. अथवा विशेषतः तारापूर याचा माध्यम भरणे आवश्यक आहे.
८. मोकळ्या जागेचा ताबा दिव्यापासून एक वर्षांत वृक्षारोपण व बागबगीचा व सुशांभिकरण करण्यात यावे व तसे न झाल्यास मोकळ्या जागेचे वाटप रद्द झाले असे समजण्यात येईल व भूखंडाचा ताबा परत घेण्यात येईल.
९. वाटप केल्यास मोकळ्या जागेवर प्रवेश नि शुल्क सोबतच त्याचा वापर सर्वसादी खुला सोबतच तसेच मोकळ्या जागेचा विकास जम्यांतर प्रादेशिक, अंतरांगी विकास स्थानिक, गावठाणी यांच्या घटक

५/११/२०२२

- नाममात्र प्रवेश शुल्क आकारणी करता येईल.
१०. जर खुल्या जागेवर महामंडळाचे कुंपन असेल तर सदर कुंपनाची निगा राखण्याची व देखभाल करण्याची जबाबदारी भूखंडधारकावर राईल
  ११. कोणतेही कारण न देता एक महिन्याची नोटीस देऊन करारनामा रद्द करण्याचा हक्क महामंडळाचा राईल.
  १२. वाटप केलेल्या मोकळ्या जागेच्या हद्दीत जलवाहिनी, जलनिःसारण वाहिनी, गॅस पाईपलाईन, टॅन्किंग केबल, एमएसईबो केबल इत्यादी असल्यास सदर सोईसुविधांची दुरुस्ती व देखभालीचे काम करताना वाटप केलेल्या जागेवरील वृक्षरोपण/बागबगिचा/मुशाभिकरणाचे नुकसान झाल्यास त्यासाठी महामंडळ कोणताही मोबदला अदा करणार नाही किंबहुना महामंडळ त्यास जबाबदार राहणार नाही.
  १३. सदर जागेतील वृक्षरोपण/बागबगिचा/मुशाभिकरणासाठी महामंडळातर्फे स्वतंत्र पाणीपुरवठा मांडणी किंवा पाणीपुरवठ्याच्या दरात कोणतीही सवलत देता येणार नाही.
  १४. महामंडळास सदर जागेची गरज भासल्यास सदर जागा घिनातक्रार महामंडळास परत करण वाटपप्रहंवर बांधनकारक आहे. तसेच जागा परत घेतांना भूखंडधारकांनी वृक्षरोपण/बागबगिचा मुशाभिकरणासाठी तारच कुंपन किंवा इतर कोणत्याही अनुषंगिक विकासासाठी केलेल्या खचापोटी महामंडळ कोणताही मोबदला देणार नाही.
  १५. वाटप केलेल्या मोकळ्या जागेचे क्षेत्र एक एकर पेक्षा जास्त असल्यास त्यात २००-३०० चौ फूटापर्यंतचे तात्पुरते बांधकाम उदा. बागबगोचासाठी लागणारे साईल्व टेवण्यासाठी, बागबगिच्याची देखभाल करणा-या व बागबगिच्यास भेट देणा-या व्यक्तीसाठी शेंड, सेंडास/ बांधरुम, पिण्याच्या पाण्याची लहान टाकी इत्यादी करीता संबंधीत उप अभियंता (विनिप्रा), मओविम, तारापूर यांची मंजूरी घेऊन बांधकाम करावे. याव्यतिरिक्त जास्तीचे बांधकाम केल्याचे आढळल्यास, कोणतीही पूर्वसूचना न देता वाटप केलेल्या जागेचा ताबा परत घेण्याचा अधिकार महामंडळाकडे असेल.
  १६. महामंडळाच्या पर्यावरण विभागाने औद्योगिक क्षेत्राचे स्वरूप विचारात घेवून वृक्षलागवडामाटा प्रजातीबाबतचे धोरण निश्चित केले असल्यास त्यानुसार वाटपप्रहंने प्रजातीची लागवड करावी जर असे धोरण जाहिर केलेले नसेल तर स्थानिक परिस्थिती विचारात घेवून सुयोग्य प्रजाती लावाव्यात.
- वरील प्रमाणे भूईभाडे भरणा करून बरील अटी व शर्ती मान्य असल्याचे कळविणेत यावे.



क्षेत्र व्यवस्थापक,  
मओविम, प्रा.का.ठाणे-१

मोबत- निळया अर्जाचा नमुना

प्रत:-

- कार्यकारी अभियंता, मओविम, विभाग क्र. १, ठाणे यांचे माहितीसाठी सविनय सादर.
- उप अभियंता (विनिप्रा) मओविम, ड्रेनेज उपविभाग, तारापूर, यांचे माहितीसाठी व पुढील योग्यत्या कार्यवाही करिता सादर.







**Green Belt Photograph**





Leak Detection Device Photograph



Name of Certifying Surgeon: DR. ANAND D NAGARE									FORM NO.7			From: _____			
M B B S, AFIH, FCCM (MUMBAI)									See rule 18 (7) and shedule II, III, IV,VI,VIII, X, XI, XIII, XIV, XVII, XVIII and XX to rule 114.			To: _____			
HEALTH REGISTER												From: _____			
(In respect of persons employed in occupations declared to be dangerous under section 87)												To: _____			
Name of Company: - M/S MACROTECH POLYCHEM PVT LTD. Plot No. L - 60, 61, MIDC Tarapur, Boisar, Palghar, Maharashtra															
Sr. No.	Emp. No./ Worker ID.	Name of Worker	Sex	Age (last birth day)	Date of employment of present work	Date of leaving or transfer to	Reason for leaving or transfer discharge	Nature of job or occupation	Raw material or byproduct handled	Date of medical examn. by certifying surgeon	Result of medical examn.	If suspended from work state perio	Certified fit to resume duty on with	If certificate of unfitness or suspension issued	Signature with date of certifying surgeon
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	MT002	Gulab C Upadhyayn	Male	52	10/01/2019	NA	NA	SR.ASSOCIATE FITTER MAINTENANCE	HCl, Caustic soda, DMF, 2,4 xyledene, PNB	28/10/2024	Fit	NA	NA	NA	
2	MT003	Santosh L Umtol	Male	38	10/01/2019	NA	NA	SR.ASSOCIATE PRODUCTION		28/10/2024	Fit	NA	NA	NA	
3	MT004	Naresh K Naik	Male	50	10/01/2019	NA	NA	SR.ASSOCIATE ELECTRICIAN MAINTENANCE		28/10/2024	Fit	NA	NA	NA	
4	MT006	Pradip K Wadhan	Male	31	10/01/2019	NA	NA	ASSOCIATE ELECTRICIAN MAINTENANCE		28/10/2024	Fit	NA	NA	NA	
5	M002	Laxman A Vanare	Male	33	08/17/2019	NA	NA	SR.OFFICER PRODUCTION	HCl, Caustic soda, DMF, 2,4 xyledene, PNB	28/10/2024	Fit	NA	NA	NA	
6	M003	Amol V Bhoir	Male	35	09/09/2019	NA	NA	ASST.MANAGER EHS		28/10/2024	Fit	NA	NA	NA	
7	M004	Sajit S Panicker	Male	37	09/17/2019	NA	NA	JR.EXECUTIVE R M STORE		28/10/2024	Fit	NA	NA	NA	
8	M005	Bajirao S Taskar	Male	31	09/24/2019	NA	NA	SR. OFFICER QC		28/10/2024	Fit	NA	NA	NA	
9	M006	Sandesh D Dalvi	Male	31	10/01/2019	NA	NA	SR.OFFICER ACCOUNT	HCl, Caustic soda, DMF, 2,4 xyledene, PNB	28/10/2024	Fit	NA	NA	NA	
11	M010	Swapnil J Kadu	Male	32	01/13/2020	NA	NA	JR.EXECUTIVE QC		28/10/2024	Fit	NA	NA	NA	
12	M011	Sandip R Vadola	Male	39	07/01/2020	NA	NA	ASSOCIATE PRODUCTION		28/10/2024	Fit	NA	NA	NA	
13	M016	Gaurav V Thakur	Male	32	01/07/2021	NA	NA	SR.OFFICER ENG STORE		28/10/2024	Fit	NA	NA	NA	
14	M017	Atul S Singh	Male	26	07/01/2020	NA	NA	OFFICER PRODUCTION	HCl, Caustic soda, DMF, 2,4 xyledene, PNB	28/10/2024	Fit	NA	NA	NA	
15	M021	Dinesh R Ghatal	Male	37	08/05/2021	NA	NA	ASSOCIATE UTILITY		28/10/2024	Fit	NA	NA	NA	
16	M024	Ganesh K Ghodake	Male	30	08/25/2021	NA	NA	JR.EXECUTIVE PRODUCTION		28/10/2024	Fit	NA	NA	NA	
17	M025	Jitendra L More	Male	31	09/01/2021	NA	NA	SR.OFFICER PRODUCTION		28/10/2024	Fit	NA	NA	NA	

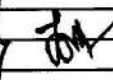
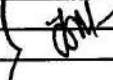
डॉ. आनंद डी. नागरे  
 MBBS, AFIH, FCCM (Mumbai)  
 कारखाने अधिनियम 1948 च्या कलम  
 10(2) प्रमाणित पाठ्यपत्र प्राप्त  
 दिनांक 05 Jan 2024 पासून दिनांक  
 04 Jan 2026 पर्यंत प्राधिकृत प्रमाणक  
 राज्य नियंत्रक प्रा. ACS 35-AN/2018

# HEALTH REGISTER FORM NO 7

Name of Certifying Surgeon: DR. ANAND D NAGARE										FORM NO.7					From: _____	
M B B S, AFIH, FCCM (MUMBAI)										See rule 18 (7) and shedule II, III, IV,VI,VIII, X, XI, XIII, XIV, XVII, XVIII and XX to rule 114.					To: _____	
HEALTH REGISTER															From: _____	
(In respect of persons employed in occupations declared to be dangerous under section 87)															To: _____	
Name of Company: - M/S MACROTECH POLYCHEM PVT LTD. Plot No. L - 60, 61, MIDC Tarapur, Boisar, Palghar, Maharashtra																
Sr. No.	Emp. No./ Work-er ID.	Name of Worker	Sex	Age (last birth day)	Date of employment of present work	Date of leaving or transfer to	Reason for leaving or transfer discharge	Nature of job or occupation	Raw material or byeproduct handled	Date of medical examn.by certifying surgeon	Result of medical examn.	If suspen-ded from work state perio	Certif-ied fit to resu-me duty on with	If certific-ate of unfitne-ss or suspen-tion issued	Signature with date of certifying surgeon	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
18	M027	Vishal R Patil	Male	34	09/06/2021	NA	NA	ASST.MANAGER QA	HCl, Caustic soda, DMF, 2,4 xylenedene, PNB	28/10/2024	Fit	NA	NA	NA		
19	M028	Mittal S Sankhe	Male	27	09/11/2021	NA	NA	JR.OFFICER PRODUCTION		28/10/2024	Fit	NA	NA	NA		
20	M031	Dada N Sutar	Male	31	09/12/2021	NA	NA	SR.OFFICER PRODUCTION		28/10/2024	Fit	NA	NA	NA		
22	M040	Aishwarya K Patil	Female	29	04/01/2022	NA	NA	OFFICER PRODUCTION		28/10/2024	Fit	NA	NA	NA		
24	M045	Sunny K Singh	Male	24	09/11/2022	NA	NA	OFFICER ELECTRICIAN	HCl, Caustic soda, DMF, 2,4 xylenedene, PNB	28/10/2024	Fit	NA	NA	NA		
25	M048	Pranjali S Sankhe	Female	27	12/12/2022	NA	NA	JR.OFFICER QC		28/10/2024	Fit	NA	NA	NA		
26	M049	Yogesh G Khatake	Male	31	01/23/2023	NA	NA	OFFICER EHS		28/10/2024	Fit	NA	NA	NA		
27	M050	Santosh B Patil	Male	31	03/01/2023	NA	NA	OFFICER MAINTENANCE		28/10/2024	Fit	NA	NA	NA		
28	M052	Suraj U Karambale	Male	25	04/01/2023	NA	NA	OFFICER PRODUCTION	HCl, Caustic soda, DMF, 2,4 xylenedene, PNB	28/10/2024	Fit	NA	NA	NA		
29	M053	Ajay B Patel	Male	27	04/01/2023	NA	NA	ASSOCIATE PRODUCTION		28/10/2024	Fit	NA	NA	NA		
30	M054	Satyapal S Yadav	Male	27	04/01/2023	NA	NA	ASSOCIATE PRODUCTION		28/10/2024	Fit	NA	NA	NA		
32	M056	Gaurav R Bhutkalya	Male	27	04/03/2023	NA	NA	ASSOCIATE ENG.FITTER		28/10/2024	Fit	NA	NA	NA		
33	M057	Shahanawaz A Shaikh	Male	37	07/14/2023	NA	NA	ASSOCIATE PRODUCTION	HCl, Caustic soda, DMF, 2,4 xylenedene, PNB	28/10/2024	Fit	NA	NA	NA		
34	M058	Makrand J Autade	Male	30	07/17/2023	NA	NA	ASSOCIATE PRODUCTION		28/10/2024	Fit	NA	NA	NA		
35	M059	Jagdish L Patil	Male	27	08/02/2023	NA	NA	OFFICER PRODUCTION		28/10/2024	Fit	NA	NA	NA		
36	M061	Abhijit B Godase	Male	29	09/07/2023	NA	NA	OFFICER QC		28/10/2024	Fit	NA	NA	NA		
37	M062	Bhavik S Chaudhari	Male	34	09/15/2023	NA	NA	ASSOCIATE ENG.ELECTRICIAN		28/10/2024	Fit	NA	NA	NA		

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**HEALTH REGISTER FORM NO 7**

<b>Name of Certifying Surgeon: DR. ANAND D NAGARE</b>										<b>FORM NO.7</b>					<b>From:</b> _____	
<b>M B B S, AFIH, FCCM (MUMBAI)</b>										See rule 18 (7) and shedule II, III, IV,VI,VIII, X, XI, XIII, XIV, XVII, XVIII and XX to rule 114.					<b>To:</b> _____	
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
41	M067	Abhiman K Pawar	Male	42	10/20/2023	NA	NA	ASSOCIATE PRODUCTION	HCl, Caustic soda, DMF,	28/10/2024	Fit	NA	NA	NA		
42	M069	Shubham R Gawad	Male	26	11/07/2023	NA	NA	ADL OFFICER	2,4 xylene, PNB	28/10/2024	Fit	NA	NA	NA		
43	M071	Vipin T Tiwari	Male	37	11/18/2023	NA	NA	SR. OFFICER PRODUCTION	HCl, Caustic soda, DMF,	28/10/2024	Fit	NA	NA	NA		
44	M072	Vijay S Zalake	Male	29	11/18/2023	NA	NA	SR. OFFICER PRODUCTION	2,4 xylene, PNB	28/10/2024	Fit	NA	NA	NA		
45	M073	Kashinath S Pawar	Male	26	11/23/2023	NA	NA	OFFICER PRODUCTION	HCl, Caustic soda, DMF,	28/10/2024	Fit	NA	NA	NA		
46	M074	Raghuath S Patil	Male	43	12/06/2023	NA	NA	ASSOCIATE PRODUCTION	2,4 xylene, PNB	28/10/2024	Fit	NA	NA	NA		
47	M075	Suraj R Patil	Male	25	12/16/2023	NA	NA	QA OFFICER	HCl, Caustic soda, DMF,	28/10/2024	Fit	NA	NA	NA		
48	M076	Vikas D Chavan	Male	37	01/01/2024	NA	NA	SR. OFFICER PRODUCTION	2,4 xylene, PNB	28/10/2024	Fit	NA	NA	NA		
51	M079	Shekhar B Kambale	Male	32	01/22/2024	NA	NA	JR. OFFICER ETP	HCl, Caustic soda, DMF,	28/10/2024	Fit	NA	NA	NA		
52	M080	Dhiraj M Jagtap	Male	24	02/01/2024	NA	NA	TRAINEE QA	2,4 xylene, PNB	28/10/2024	Fit	NA	NA	NA		
53	M081	Samadhan N Bhosale	Male	45	03/04/2024	NA	NA	ASSISTANT MANAGER PRODUCTION	HCl, Caustic soda, DMF,	28/10/2024	Fit	NA	NA	NA		
54	M082	Manohar R Wadhan	Male	30	03/11/2024	NA	NA	SR. OFFICER QC	2,4 xylene, PNB	28/10/2024	Fit	NA	NA	NA		
55	M083	Komaldevi Pannalal	Female	25	04/01/2024	NA	NA	OFFICER QC	HCl, Caustic soda, DMF,	28/10/2024	Fit	NA	NA	NA		
56	M085	Sarafaraj M Dange	Male	31	05/21/2024	NA	NA	SR.OFFICER-QC	2,4 xylene, PNB	28/10/2024	Fit	NA	NA	NA		
57	M086	Rajesh S Patil	Male	50	06/10/2024	NA	NA	ASSISTANT MANAGER ELECTRICAL/INSTRUMENTATION	HCl, Caustic soda, DMF,	28/10/2024	Fit	NA	NA	NA		
58	M087	Chetan G Patil	Male	28	06/21/2024	NA	NA	OFFICER-HR AND ADMIN	2,4 xylene, PNB	28/10/2024	Fit	NA	NA	NA		
59	M088	Sanket P Madane	Male	30	07/08/2024	NA	NA	OFFICER-PRODUCTION	HCl, Caustic soda, DMF,	28/10/2024	Fit	NA	NA	NA		
60	N000083	Sunil M Holsamudre	Male	40	06/05/2013	NA	NA	ASST.MANAGER R&D	2,4 xylene, PNB	28/10/2024	Fit	NA	NA	NA		
61	N000245	Satish R Shinde	Male	39	08/01/2022	NA	NA	ASST.MANAGER QUALITY CONTROL	HCl, Caustic soda, DMF,	28/10/2024	Fit	NA	NA	NA		
63	N000412	Mayuri M Raul	Female	23	06/17/2024	NA	NA	JR.OFFICER R&D	2,4 xylene, PNB	28/10/2024	Fit	NA	NA	NA		

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
64	N000106	Mahesh V Patil	Male	37	08/19/2015	NA	NA	SR.EXECUTIVE R&D	HCl, Caustic soda, DMF,	28/10/2024	Fit	NA	NA	NA	
65	N000250	Vaibhav A Narkhede	Male	29	09/26/2022	NA	NA	OFFCER R&D	2,4 xyledene,	28/10/2024	Fit	NA	NA	NA	
67	N000414	Omkar Y Gaikwad	Male	23	06/20/2024	NA	NA	TRAINEE R&D	PNB	28/10/2024	Fit	NA	NA	NA	
68	N000394	Jayesh B Mali	Male	44	04/01/2011	NA	NA	ASST.MANAGER-MAINTENANCE		28/10/2024	Fit	NA	NA	NA	
72	N000247	Trishul P Shinde	Male	32	08/10/2022	NA	NA	SR.OFFICE ADL	HCl, Caustic soda, DMF,	28/10/2024	Fit	NA	NA	NA	
73	NA	Mandar D Tare	Male	33	NA	NA	NA	NA	2,4 xyledene,	28/10/2024	Fit	NA	NA	NA	
74	NA	Nasir I Shaikh	Male	46	NA	NA	NA	NA	PNB	28/10/2024	Fit	NA	NA	NA	
75	NA	Vikrant K Kudtadkar	Male	24	NA	NA	NA	NA		28/10/2024	Fit	NA	NA	NA	
76	NA	Sagar K Shanvar	Male	34	NA	NA	NA	NA	HCl, Caustic soda, DMF,	28/10/2024	Fit	NA	NA	NA	
77	NA	Mandar H Patil	Male	41	NA	NA	NA	NA	2,4 xyledene,	28/10/2024	Fit	NA	NA	NA	
78	NA	Ramesh Y Patil	Male	50	NA	NA	NA	NA	PNB	28/10/2024	Fit	NA	NA	NA	
79	NA	Praful V Shanvar	Male	32	NA	NA	NA	NA		28/10/2024	Fit	NA	NA	NA	
80	NA	Yogesh T Shelar	Male	30	NA	NA	NA	NA	HCl, Caustic soda, DMF,	28/10/2024	Fit	NA	NA	NA	
81	NA	Suraj M Sapate	Male	20	NA	NA	NA	NA	2,4 xyledene,	28/10/2024	Fit	NA	NA	NA	
83	NA	Niraj P Mhatre	Male	26	NA	NA	NA	NA	PNB	28/10/2024	Fit	NA	NA	NA	
84	NA	Pravin D Agalawe	Male	25	NA	NA	NA	NA		28/10/2024	Fit	NA	NA	NA	
85	NA	Hiralal V Sagane	Male	41	NA	NA	NA	NA	HCl, Caustic soda, DMF,	28/10/2024	Fit	NA	NA	NA	
86	NA	Ankit B Khamkar	Male	27	NA	NA	NA	NA	2,4 xyledene,	28/10/2024	Fit	NA	NA	NA	
87	NA	Vijay A Kolambe	Male	37	NA	NA	NA	NA	PNB	28/10/2024	Fit	NA	NA	NA	
88	NA	Prashant B Ambhire	Male	44	NA	NA	NA	NA		28/10/2024	Fit	NA	NA	NA	

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
90	NA	Ayush D Gharat	Male	21	NA	NA	NA	NA	HCl, Caustic	28/10/2024	Fit	NA	NA	NA	}	
91	NA	Vishal N Patkar	Male	27	NA	NA	NA	NA	soda, DMF,	28/10/2024	Fit	NA	NA	NA		
92	NA	Ankit M Patil	Male	28	NA	NA	NA	NA	2,4 xyledene,	28/10/2024	Fit	NA	NA	NA		
93	NA	Rutik P Chaudhary	Male	25	NA	NA	NA	NA	PNB	28/10/2024	Fit	NA	NA	NA		
94	NA	Kiran B Gorkhana	Male	30	NA	NA	NA	NA	HCl, Caustic	28/10/2024	Fit	NA	NA	NA		
95	NA	Rushikesh B Bhoir	Male	27	NA	NA	NA	NA	soda, DMF,	28/10/2024	Fit	NA	NA	NA		
96	NA	Dilip D Rajat	Male	22	NA	NA	NA	NA	2,4 xyledene,	28/10/2024	Fit	NA	NA	NA		
97	NA	Nitesh K Ambat	Male	29	NA	NA	NA	NA	PNB	28/10/2024	Fit	NA	NA	NA		
98	NA	Tulshiram P Vishwakarm	Male	25	NA	NA	NA	NA	HCl, Caustic	28/10/2024	Fit	NA	NA	NA		
99	NA	Anvit M Patil	Male	22	NA	NA	NA	NA	soda, DMF,	28/10/2024	Fit	NA	NA	NA		
100	NA	Hukum H Singh	Male	25	NA	NA	NA	NA	2,4 xyledene,	28/10/2024	Fit	NA	NA	NA	}	
101	NA	Mayur S Khehare	Male	25	NA	NA	NA	NA	PNB	28/10/2024	Fit	NA	NA	NA		
102	NA	Pratik H Kadhare	Male	23	NA	NA	NA	NA	HCl, Caustic	28/10/2024	Fit	NA	NA	NA		
103	NA	Santosh S Pimple	Male	52	NA	NA	NA	NA	soda, DMF,	28/10/2024	Fit	NA	NA	NA		
104	NA	Vishal S Thakur	Male	39	NA	NA	NA	NA	2,4 xyledene,	28/10/2024	Fit	NA	NA	NA		
105	NA	Amey S Sankhe	Male	20	NA	NA	NA	NA	PNB	28/10/2024	Fit	NA	NA	NA		
106	NA	Jasmant H Rajak	Male	31	NA	NA	NA	NA	HCl, Caustic	28/10/2024	Fit	NA	NA	NA		
107	NA	Rohit R Kharpade	Male	23	NA	NA	NA	NA	soda, DMF,	28/10/2024	Fit	NA	NA	NA		
108	NA	Vinod R Das	Male	23	NA	NA	NA	NA	2,4 xyledene,	28/10/2024	Fit	NA	NA	NA		
109	NA	Prahlad H Patwa	Male	24	NA	NA	NA	NA	PNB	28/10/2024	Fit	NA	NA	NA		

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(In respect of persons employed in occupations declared to be dangerous under section 87)

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
110	NA	Sachin K Hadal	Male	22	NA	NA	NA	NA	HCl, Caustic	28/10/2024	Fit	NA	NA	NA	
115	NA	Jitendra R Rajak	Male	22	NA	NA	NA	NA	soda, DMF,	28/10/2024	Fit	NA	NA	NA	
116	NA	Raju L Pawar	Male	20	NA	NA	NA	NA	2,4 xyledene,	28/10/2024	Fit	NA	NA	NA	
117	NA	Pranay D Tare	Male	30	NA	NA	NA	NA	PNB	28/10/2024	Fit	NA	NA	NA	
119	NA	Vikesh S Matre	Male	28	NA	NA	NA	NA	HCl, Caustic	28/10/2024	Fit	NA	NA	NA	
120	NA	Ashok R Tare	Male	56	NA	NA	NA	NA	soda, DMF,	28/10/2024	Fit	NA	NA	NA	
121	NA	Dnyaneshwar L Rawate	Male	35	NA	NA	NA	NA	2,4 xyledene,	28/10/2024	Fit	NA	NA	NA	
122	NA	Krishna A Yadav	Male	26	NA	NA	NA	NA	PNB	28/10/2024	Fit	NA	NA	NA	
123	NA	Ganesh Kumar R Yadav	Male	26	NA	NA	NA	NA	HCl, Caustic	28/10/2024	Fit	NA	NA	NA	
124	NA	Harikesh R Yadav	Male	49	NA	NA	NA	NA	soda, DMF,	28/10/2024	Fit	NA	NA	NA	
125	NA	Sainath B Tandel	Male	22	NA	NA	NA	NA	2,4 xyledene,	28/10/2024	Fit	NA	NA	NA	
126	NA	Suraj D Vanse	Male	26	NA	NA	NA	NA	PNB	28/10/2024	Fit	NA	NA	NA	
127	NA	Nagendra R Gautam	Male	41	NA	NA	NA	NA	HCl, Caustic	28/10/2024	Fit	NA	NA	NA	
128	NA	Chandan G Kumar	Male	28	NA	NA	NA	NA	soda, DMF,	28/10/2024	Fit	NA	NA	NA	
130	NA	Dinesh L Tare	Male	50	NA	NA	NA	NA	2,4 xyledene,	28/10/2024	Fit	NA	NA	NA	
131	NA	Rahul S Sharma	Male	27	NA	NA	NA	NA	PNB	28/10/2024	Fit	NA	NA	NA	
132	NA	Rohit S Bhasare	Male	23	NA	NA	NA	NA	HCl, Caustic	28/10/2024	Fit	NA	NA	NA	
133	NA	Tanmay S Chaudhari	Male	26	NA	NA	NA	NA	soda, DMF,	28/10/2024	Fit	NA	NA	NA	
134	NA	Kalpesh P Patil	Male	38	NA	NA	NA	NA	2,4 xyledene,	28/10/2024	Fit	NA	NA	NA	
136	NA	Akshay S Pagl	Male	24	NA	NA	NA	NA	PNB	28/10/2024	Fit	NA	NA	NA	

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
137	NA	Vishnu D Dalvi	Male	34	NA	NA	NA	NA	HCl, Caustic soda, DMF,	28/10/2024	Fit	NA	NA	NA	
139	NA	Tejas M Tare	Male	27	NA	NA	NA	NA	2,4 xyledene, PNB	28/10/2024	Fit	NA	NA	NA	
140	NA	Suraj M Chipat	Male	31	NA	NA	NA	NA	HCl, Caustic soda, DMF,	28/10/2024	Fit	NA	NA	NA	
141	NA	Bhupendra A Vavare	Male	27	NA	NA	NA	NA	2,4 xyledene, PNB	28/10/2024	Fit	NA	NA	NA	
142	NA	Vinod B Pagi	Male	26	NA	NA	NA	NA	HCl, Caustic soda, DMF,	28/10/2024	Fit	NA	NA	NA	
143	NA	Ishwar S Tare	Male	40	NA	NA	NA	NA	2,4 xyledene, PNB	28/10/2024	Fit	NA	NA	NA	
144	NA	Yogesh Y Mer	Male	41	NA	NA	NA	NA	HCl, Caustic soda, DMF,	28/10/2024	Fit	NA	NA	NA	
145	NA	Rakesh S Barat	Male	26	NA	NA	NA	NA	2,4 xyledene, PNB	28/10/2024	Fit	NA	NA	NA	
146	NA	Pranay P Gharat	Male	39	NA	NA	NA	NA	HCl, Caustic soda, DMF,	28/10/2024	Fit	NA	NA	NA	
147	NA	Pavan P Dumada	Male	27	NA	NA	NA	NA	2,4 xyledene, PNB	28/10/2024	Fit	NA	NA	NA	
148	NA	Pradip N Golim	Male	23	NA	NA	NA	NA	HCl, Caustic soda, DMF,	28/10/2024	Fit	NA	NA	NA	
149	NA	Chetan V Tare	Male	34	NA	NA	NA	NA	2,4 xyledene, PNB	28/10/2024	Fit	NA	NA	NA	
150	NA	Krunal A Patil	Male	29	NA	NA	NA	NA	HCl, Caustic soda, DMF,	28/10/2024	Fit	NA	NA	NA	
152	NA	Subhash S Kuvara	Male	34	NA	NA	NA	NA	2,4 xyledene, PNB	28/10/2024	Fit	NA	NA	NA	
154	NA	Sunil N Macchi	Male	33	NA	NA	NA	NA	HCl, Caustic soda, DMF,	28/10/2024	Fit	NA	NA	NA	
155	NA	Dinesh H Vishwakarma	Male	23	NA	NA	NA	NA	2,4 xyledene, PNB	28/10/2024	Fit	NA	NA	NA	
156	NA	Umashankar J Dube	Male	58	NA	NA	NA	NA	HCl, Caustic soda, DMF,	28/10/2024	Fit	NA	NA	NA	
157	NA	Pankaj S Gupta	Male	30	NA	NA	NA	NA	2,4 xyledene, PNB	28/10/2024	Fit	NA	NA	NA	
158	NA	Rajeshkumar J Varma	Male	31	NA	NA	NA	NA	HCl, Caustic soda, DMF,	28/10/2024	Fit	NA	NA	NA	
159	N000396	Ravindra A Khamkar	Male	53	10/14/2010	NA	NA	AGM-OPERATIONS	2,4 xyledene, PNB	28/10/2024	Fit	NA	NA	NA	

डॉ. आनंद डी. नागरे  
 MBBS, AFIH, FCCM (Mumbai)  
 कारखाने अधिनियम 1948 च्या कलम  
 10(2) प्रमाणे पालघर जिल्हाकरिता  
 दिनांक 05 Jan 2024 पासून दिनांक  
 04 Jan 2026 पर्यंत प्राधिकृत प्रमाणपत्र  
 प्रत्यक्षितक क्र. ACS 35-AN/2018



# J. L FIRE SOLUTIONS PVT. LTD.

Govt. Approved Consultant & Contractor of All Kinds of Fire System & Fire Brigade Works  
AUTHORISED LICENSING AGENCY BY GOVT. OF MAHARASHTRA FIRE, MSME & ISO CERTIFIED COMPANY

Headoffice : Shop No.3, Ground Floor, Jay Anand Palace, Indralok Phase - 4, Bhayander (E) - 401105.  
Mob.: 9702077358, 7039077358, 9920347735 | Email : jlfiresolutions@gmail.com

Date: -09.01.2025

## Annexure – B

I have carried out the testing of the fire prevention and life safety measures instruments

Placed at

M/S. MACROTECH POLYCHEM PVT LTD  
PLOT NO. L-60/61, MIDC TARAPUR INDUSTRIAL AREA,  
BOISAR, PALGHAR – 401506.

I have carried out the testing of Fire Hydrant System, Fire Alarm System, Suppression System & Fire Extinguisher is working properly. Detail every wing is under:

- 1) Aerosol Suppression System – 04 Nos
- 2) Smoke Detector – 08 Nos
- 3) Heat Detector – 08 Nos
- 4) 2 Zone suppression Panel – 04 Nos
- 5) Panel Battery Backup – 04 Nos
- 6) Manual Call Point – 04 Nos
- 7) Manual Release Switch – 04 Nos
- 8) Manual Abort Switch – 04 Nos
- 9) Hooter – 08 Nos
- 10) Sequential Activator – 01 Nos
- 11) SMPS – 03 Nos

### Electrical Control Panel

- 1) Main Fire Pump Hydrant 2280 LPM @ 65 Mtr Head- 01 Nos
- 2) Jockey pump Hydrant 180 LPM @ 65 Mtr Head – 01 Nos.
- 3) Main Fire pump Sprinkler 2280 LPM @ 65 Mtr Head – 01 Nos.
- 4) Jockey Pump Sprinkler 180 LPM @ 65 Mtr Head – 01 Nos
- 5) Diesel Engine Driven Fire Pump 2280 LPM @ 65 Head -01 Nos.
- 6) Single Stage Monoblock Centrifugal Booster Pump -01 Nos
- 7) S.S Pressure Gauge – 15 Nos







# J. L FIRE SOLUTIONS PVT. LTD.

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Headoffice : Shop No.3, Ground Floor, Jay Anand Palace, Indralok Phase - 4, Bhayander (E) - 401105.  
Mob.: 9702077358, 7039077358, 9920347735 | Email : jlfiresolutions@gmail.com

- 8) Pressure Switch - 05 Nos
- 9) Air Vessel 250mm Diameter 1500mm High
- 10) Priming Tank - 500 Liter
- 11) Riser Hydrant valve -06 Nos
- 12) Courtyard Hydrant Valve -07 Nos
- 13) Underground water tank 3,00,000 Ltr -01 Nos
- 14) Hose Reel - 06 Nos
- 15) Double Door Hose Box Complete Canvas Pipe & Short Branch Nozzle - 07 Nos
- 16) Single Door Hose Box Complete Canvas Pipe & Short Branch Nozzle - 06 Nos
- 17) Pendant Type sprinkler Head - 74 Nos
- 18) Upright Type Sprinkler Head - 115 Nos
- 19) Side Wall Type Sprinkler Head - 22 Nos
- 20) Fire Brigade Inlet 4 Way - 01 Nos
- 21) Air Release Valve - 03 Nos
- 22) Addressable Fire Alarm Panel Four Loop - 01 Nos
- 23) Addressable Smoke Detector - 82 Nos
- 24) Manual call Point - 03 Nos
- 25) Addressable Hooter - 06 Nos
- 26) Flame Proof Addressable Heat Detector - 75 Nos
- 27) Flame Proof Addressable Hooter - 09 Nos
- 28) Flame Proof Addressable MCP - 05 Nos

## Fire Extinguishers

- 1) ABC Type Fire Extinguisher Cap-5 Kg -05 Nos.
- 2) ABC Type Fire Extinguisher Cap-6 Kg -38 Nos.
- 3) CO2 Type Fire Extinguisher Cap-4.5 Kg -11 Nos.
- 4) CO2 Type Fire Extinguisher Cap -22.5 Kg -01 Nos.
- 5) M Foam Type Fire Extinguisher Cap -9 Ltr -12 Nos.
- 6) M Foam Type Fire Extinguisher Cap -50 Ltr -04 Nos.

Thanking You,

Your Truly



Signature and Address of Licenced Agency.

JYOTI  
BALSHIRAM  
KONDE

Digitally signed by  
JYOTI BALSHIRAM  
KONDE  
Date: 2025.01.09  
17:55:59 +05'30'

For J L Fire Solutions Private Limited

Licence Agency: J. L FIRE SOLUTIONS PRIVATE LIMITED

Licence No:- MFS/LA/RF-389/RD-373



# Mumbai Waste Management Ltd.

## Certificate

— of Membership —

M/s. Macrotech Polychem Pvt Ltd.

is a registered member of  
CHW-TSDF at MIDC –Taloja for  
safe and secure disposal of  
Hazardous waste with  
Membership No: MWML – HZW – TAR – 1618

This Certificate is valid up to: 31<sup>st</sup> March 2025 .

Onkar Kulkarni  
Manager –MBD

Somnath Malgar  
Director



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## Form 4

See rules 6(5),13(8),16(6) and 20(2) of Hazardous and other wastes 2016

## FORM FOR FILING ANNUAL RETURNS

[ To be submitted to state pollution control board/pollution control committee by 30th June of every year for the preceeding period April to march]

**Unit Name:**

M/s. MACROTECH POLYCHEM PVT. LTD.

**Plant Name:**

M/s MACROTECH POLYCHEM PVT. LTD.

**Unique Application Number:**

MPCB-HW\_ANNUAL\_RETURN-0000060578

**Submitted On:**

21-07-2025

**Industry Type**

:

Generator

**Submitted for Year:**

2025

**1. Name of the generator/operator of facility**

M/s. MACROTECH POLYCHEM PVT. LTD.

**Address of the unit/facility**

PLOT NO. L- 60 / 61, M.I.D.C.,TARAPUR INDL AREA, BOISAR, TAL & DIST - PALGHAR

**1b. Authorization Number****Date of issue****Date of validity of consent**

Format1.0/AS(T)/UAN No.MPCBCONSENT- 0000149851/CR/2301001272 Jan 13, 2023

Dec 31, 2025

**2. Name of the authorised person**

Mr RAVINDRA KHAMKAR

**Full address of authorised person**

PLOT NO. L- 60 / 61, M.I.D.C.,TARAPUR INDL AREA, BOISAR, TAL & DIST - PALGHAR

**Telephone**

9158888256

**Fax**

-

**Email**

khamkar@nglfinechem.com

**3. Production during the year (product wise), wherever applicable**

Product Type *	Product Name *	Consented Quantity	Actual Quantity	UOM
Chemical ,Petrochemical &Electrochemical	METHYL BENZOTHIZINE ISOPROPYL ESTER	36.0000	35	MT/A
Chemical ,Petrochemical &Electrochemical	3-PIPERAINYL 1-1,2- BENZYSOTHIZOLE HCL	30.0000	27.3	MT/A

## PART A: To be filled by hazardous waste generators

**1. Total Quantity of waste generated category wise**

Type of hazardous waste	Wate Name	Consented Quantity	Quantity	UOM
37.3 Concentration or evaporation residues	EVAPORATION SALT	912.500	428.41	MTA
35.3 Chemical sludge from waste water treatment	ETP SLUDGE	73.000	1.28	MTA
5.1 Used or spent oil	USED OIL	0.600	0.03	MTA

**2. Quantity dispatched category wise.**

Type of Waste	Quantity of waste	UOM	Dispatched to	Facility Name
37.3 Concentration or evaporation residues	428.41	MTA	Disposal Facility	CHWTSDF



35.3 Chemical sludge from waste water treatment	1.28	MTA	Disposal Facility	CHWTSDF
5.1 Used or spent oil	0.03	MTA	Recycler or Actual user	M/s. SHIVA PETRO SYNTH SPECIALITIES LTD.

3. Quantity Utilised in-house,If any

Type of Waste	Name of Waste	Quantity of Waste	UOM
	NA	0	MTA

4. Quantity in storage at the end of the year

Type of Waste	Name of Waste	Quantity of Waste	UOM
	NA	0	MTA

5. Quantity disposed in landfills as such and after treatment

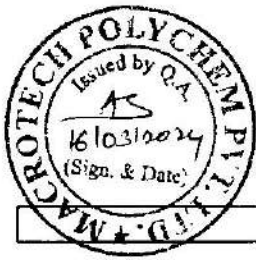
Type	Quantity	UOM
Direct landfilling	0	MTA
Landfill after treatment	0	MTA

6. Quantity incinerated (if applicable)

UOM
0
MTA

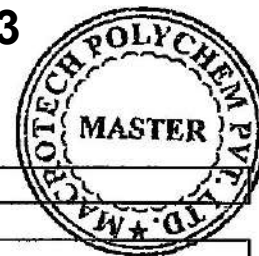
Personal Details

Place	Date	Designation
TARAPUR	2025-07-21	PLANT HEAD



**Macrotech Polychem Pvt. Ltd.**  
Manufacturing of : Bulk Drugs Intermediate & Chemicals

## Annexure 13



Plot No. L-60/61, MIDC Tarapur, Boisar (W), Dist. Palghar, Maharashtra, India, Pin- 401506

### Environment Health and Safety

Observations from Key personnel's and observers

Format No.: EHS/FM-004/00

Reference SOP No.: EHS/002

Page No.: 1 of 2

Sr. No.	Observations/ Suggestion	Recommendations/ Action plan for compliance	Responsibility	Target Completion date
1	Overall set objectives are met of mock drill	Satisfactory	-	-
2	Head counts of employees are matched. Actual Heads available in company: <u>92</u> Nos. & total heads counted is: <u>92</u> Nos.	Head count match with actual.	-	-
3	Total response time of Mock drill is <u>17</u> Min.	17 minutes	-	-
4	Employee response to drill is good	Good	-	-
5	Key personnel response is also good. SMC reached at ECC & SIC reached at Emergency spot immediately.	Good	-	-
6	Activities from Fire squad and leader are very good. (Instructions, leader selection, team work, coordination between team & leader.)	Good	-	-
7	Response from First aid cum rescue team and leader are very good. (Instructions, leader selection, team work, coordination between team & leader, are very good.)	Good	-	-
8	Activities of SIC as instructions to fire squad, information to SMC and encouragement to squad member is appreciable.	Appreciable	-	-
9	Activities of SMC as Instructions to advisory team, security officer, communication message of improvements in situation to assembled employee is appreciable.	Appreciable	-	-



**Macrotech Polychem Pvt. Ltd.**  
Manufacturing of : Bulk Drugs Intermediate & Chemicals



Plot No. L-60/61, MIDC Tarapur, Boisar (W), Dist. Palghar, Maharashtra, India, Pin- 401506

**Environment Health and Safety**

Observations from Key personnel's and observers

Format No.: EHS/FM-004/00

Reference SOP No.: EHS/002

Page No.: 2 of 2

Sr. No.	Observations/ Suggestion	Recommendations/ Action plan for compliance	Responsibility	Target Completion date
10	Instruction by SIC to Fire squad is good.	Good	—	—
11	All HOD's & employees were reported at assembly point for head counting except some operators of emergency process.	As per instructions two chemists in production, 1 chemist in Q.C. & 1 Boiler attendant present in the plant.	—	—
12	Emergency siren & all clear siren operated properly by security.	Operated properly	—	—
13	Communication between SIC & SMC is good.	Good	—	—
14	Fire Extinguishers operated by process employee are satisfactory.	Satisfactory	—	—
15	Communication between SIC & emergency squad is good	Satisfactory	—	—
16	Message delivered by SMC is good.	Satisfactory	—	—

Suggestions for improvement, if any ...

- 1.
- 2.
- 3.

Prepared by :  
(Safety Personal)

*[Signature]*  
28/12/2024

*[Signature]*  
28/12/2024  
Approved by :  
(AGM Operations)



**Macrotech Polychem Pvt. Ltd.**  
Manufacturing of : Bulk Drugs Intermediate & Chemicals



Plot No. L-60/61, MIDC Tarapur, Boisar (W), Dist. Palghar, Maharashtra, India, Pin- 401506

**Administration**

**Training Attendance Sheet**

Format No.: AD/FM-026/00

Reference SOP No.: ADS/013

Page No.: 1 of 1

Topic :	Mock - Drill		
Time:	From : 15:00 To 16:05 Total Hrs.: 01:05		
Training Area:	<input checked="" type="checkbox"/> EHS	<input type="checkbox"/> GMP	<input checked="" type="checkbox"/> On Job Training
	<input type="checkbox"/> *Other	*Specify :	
Training Venue:	<input type="checkbox"/> Conference Room	<input type="checkbox"/> *Other (Specify) :	

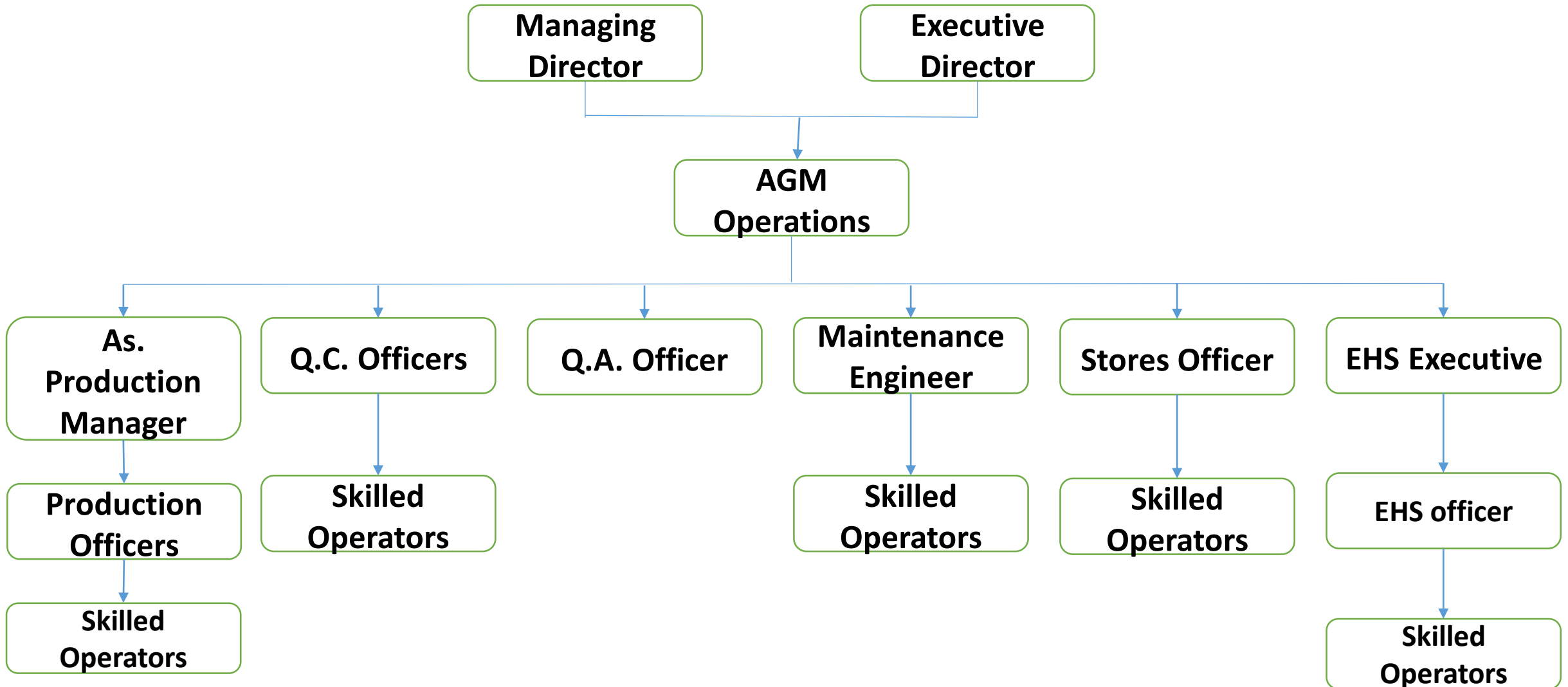
Sr. No.	Name of Participant	Department	Signature & Date
1.	Deep Rajak	Production	Deep Rajak 24/12/2024
2.	Yashraj S.H.R.	Production	Yashraj S.H.R. 24/12/2024
3.	Abhinav D. S.	Production	Abhinav D. S. 24/12/2024
4.	Manoj Kumar	Production	Manoj Kumar 24/12/2024
5.	Surya Tare	Production	Surya Tare 24/12/2024
6.	Abhinav D. S.	Production	Abhinav D. S. 24/12/2024
7.	Akshay P. S.	Production	Akshay P. S. 24/12/2024
8.	Dnyaneshwar Ramare	Production	Dnyaneshwar Ramare 24/12/2024
9.	Ranjit M. Marde	Production	Ranjit M. Marde 24/12/2024
10.	ATUL S. SANKHE	Production	ATUL S. SANKHE 24/12/2024
11.	Sagar Shernave	Production	Sagar Shernave 24/12/2024
12.	Niraj P. Mhetre	Production	Niraj P. Mhetre 24/12/2024
13.	Prathap Patran	Production	Prathap Patran 24/12/2024
14.	NASIR SUKSH	Stores	NASIR SUKSH 24/12/2024
15.	VIKESH MHATRE	Stores	VIKESH MHATRE 24/12/2024
16.	Madar Tare	Stores	Madar Tare 24/12/2024
17.	Atul V. Sarnav	Stores	Atul V. Sarnav 24/12/2024
18.	Rakesh Baral	Production	Rakesh Baral 24/12/2024
19.	Krishna Yadav	Production	Krishna Yadav 24/12/2024
20.	Ajit Araj	Production	Ajit Araj 24/12/2024

Evaluation Remark :	Audience response : <input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Not Satisfactory	
Training conducted by:	Amit Bhoir	Department: EHS
Signature :		Date : 24/12/2024



# MACROTECH POLYCHEM PVT LTD

## Environment Management Cell





## Annexure 15

### TEST REPORT

Report No:	EFEL/PRO/2025/06/519	Issue Date	23/06/2025
Name and Address of Customer	M/s. Macrotech Polychem Pvt Ltd. Plot No. L-60/61, MIDC Tarapur, Boisar, Palghar 401506, Maharashtra.		
Sample Name	Source Emission	Sample Description	Stack Material : MS
Date of Sampling	16/06/2025		Stack Height : 40 mtr
Start Date of Analysis	17/06/2025		Stack Type : Round
End Date of Analysis	23/06/2025	Sampling Location	Boiler
Sampling done by	M/s. Green India Environmental Consultant ( 9503651578)	Sampling duration	30 Min
Sample Quantity	Thimble 1 Nos and 30 ml Solution	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring

### Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	138	K		
2	Differential Pressure	4.6	mm WG		
3	Velocity	8.25	M/s		
4	Dimensions of Stack	0.4	Mtr.		
5	Stack Area	0.1256	M <sup>2</sup>		
6	Gas Volume	2707.01	Nm <sup>3</sup> /Hr		
7	Particulate Matter	62.0	mg/Nm <sup>3</sup>	≤ 150	CPCB Guideline on methodologies for source emission monitoring
8	Sulphur Dioxide (SO <sub>2</sub> )	22.5	mg/Nm <sup>3</sup>	--	
9	Sulphur Dioxide (SO <sub>2</sub> )	1.46	Kg/day		

➤ **Remark-** All above results are well within MPCB Limit.  
BDL.: - Below Detection Limit



  
Authorized Signatory  
Mr. Mahesh Shelar  
(Managing Director)  
Page 01 of 01



## TEST REPORT

Report No:	EFEL/PRO/2025/06/520	Issue Date	23/06/2025
Name and Address of Customer	M/s. Macrotech Polychem Pvt Ltd. Plot No. L-60/61, MIDC Tarapur, Boisar, Palghar 401506, Maharashtra.		
Sample Name	Source Emission	Sample Description	Stack Material : MS
Date of Sampling	16/06/2025		Stack Height : 10 mtr
Start Date of Analysis	17/06/2025		Stack Type : Round
End Date of Analysis	23/06/2025	Sampling Location	D G Set 500 KVA
Sampling done by	M/s. Green India Environmental Consultant ( 9503651578)	Sampling duration	30 Min
Sample Quantity	Thimble 1 Nos and 30 ml Solution	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring

## Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	160	K		---
2	Differential Pressure	3.2	mm WG		
3	Velocity	7.06	M/s		
4	Dimensions of Stack	0.15	Mtr.		
5	Stack Area	0.017	M <sup>2</sup>		
6	Gas Volume	309.33	Nm <sup>3</sup> /Hr		
7	Particulate Matter	42.0	mg/Nm <sup>3</sup>	≤ 150	
8	Ammonia	14.5	Ppm	<50	
9	Oxide of Nitrogen (Nox)	9.2	mg/Nm <sup>3</sup>	--	

➤ **Remark-** All above results are well within MPCB Limit.

BDL.: - Below Detection Limit



Authorized Signatory  
Mr. Mahesh Shelar  
(Managing Director)

Page 01 of 01





## TEST REPORT

Report No:	EFEL/PRO/2025/06/521	Issue Date	23/06/2025
Name and Address of Customer	M/s. Macrotech Polychem Pvt Ltd. Plot No. L-60/61, MIDC Tarapur, Boisar, Palghar 401506, Maharashtra.		
Sample Name	Source Emission	Sample Description	Stack Material : MS
Date of Sampling	16/06/2025		Stack Height : 15 mtr
Start Date of Analysis	17/06/2025		Stack Type : Round
End Date of Analysis	23/06/2025	Sampling Location	Scrubber
Sampling done by	M/s. Green India Environmental Consultant ( 9503651578)	Sampling duration	30 Min
Sample Quantity	Thimble 1 Nos and 30 ml Solution	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring

## Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	37	K		--
2	Differential Pressure	3.2	mm WG		
3	Velocity	5.92	M/s		
4	Dimensions of Stack	0.6	Mtr.		
5	Stack Area	0.2826	M <sup>2</sup>		
6	Gas Volume	5906.82	Nm <sup>3</sup> /Hr		
7	Particulate Matter	44.0	mg/Nm <sup>3</sup>	≤ 150	
8	Ammonia	15.2	Ppm	≤ 50	
9	Oxide of Nitrogen (Nox)	8.0	mg/Nm <sup>3</sup>	--	
10	Acid Mist	4.50	mg/Nm <sup>3</sup>	--	

➤ **Remark-** All above results are well within MPCB Limit.  
BDL:- Below Detection Limit



Authorized Signatory  
Mr. Mahesh Shelar  
(Managing Director)  
Page 01 of 01

Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India.

Registered Address: Flat No. A-5, Balaji palace, Kharadi Road,  
Chandan Nagar, Tal. Haveli, Dist. Pune - 411014.

Certifications: ISO 9001 : 2015  
• ISO 14001: 2015 • ISO 45001 : 2018