



BENZO CHEM INDUSTRIES PRIVATE LIMITED

Works : B-26, 27 & 14, 15 M.I.D.C. Area,
DASARKHED, MALKAPUR - 443 101.
DIST. BULDHANA,
Phone. : (07267)262245, 262391.
Fax : (07267) 262341.
E-mail :- bcipmlk@rediffmail.com.

Registered Office : Plot No. 26/28 A,
Cawasji Patel Street,
Fort, Mumbai - 400 001.
Phone No. : (022) 43555888 Fax No. 022-24320924
Corporate Identity No. U24100MH1986PTC041751
E-mail : info@benzochemco.in. Website : www.bcipl.com

December 8, 2022

To,
Regional Directorate
Central Pollution Control Board
Survey No. 110, Dhankude Multi Purpose Hall,
Baner Road, Baner,
Pune - 411045

Subject: Submission of 4th half yearly compliance report for Benzo Chem Industries. Pvt. Ltd. at Plot No. B-26,27 & B-14,15, Malkapur MIDC Dasarkhed, Taluka Malkapur, District Buldhana Maharashtra – Fourth progress/Status Report EC Compliance-Reg.

Ref: Environmental Clearance letter no. F.No. IA-J-11011/175/2019-IA-II(I) dated November 10, 2020 granted by Expert Appraisal Committee, MoEF & CC, Delhi Govt of India

Dear Sir,

We have received the Environment Clearance from Expert Appraisal Committee (EAC), MoEF & CC, Delhi Govt of India

As per the requirement, we are submitting herewith the 4th half-yearly EC Compliance report of the said project for the period of April 2022 to September 2022.

We are also attaching herewith the acknowledgment copy of the submission of EC Compliance to the Regional office of MoEFCC, Nagpur for your reference.

With this reference we wish to submit the details required as below:

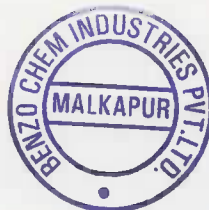
1. Current status of Project.
2. Data Sheet
3. Point wise compliance to stipulations as laid down by the ministry.
4. Point wise compliance of the standard EC compliance conditions

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

Thanking You,

For Benzo Chem Industries Pvt. Ltd.


Authorized Signatory



TUV NORD



[An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified]

Kapil

From: zope@benzochem.co.in
Sent: 14 December 2022 15:00
To: apcccentral-ngp-mef@gov.in
Cc: ecompliance-mh@gov.in
Subject: Submission of the EC compliance report of the Benzochem Industries Pvt Ltd's unit located at Plot No. B-26,27 & B-14,15, Malkapur MIDC Dasarkhed, Taluka Malkapur, District Buldhana Maharashtra -Reg.
Attachments: Final R.O MoEF & CC compre.pdf

**Deputy Director General of Forests (Central),
West Central Zone,
Regional Office,
New Secretariate Building, Opp. VCA Ground,
Civil Lines, Nagpur-440001.**

Subject: Submission of 4th half yearly compliance report for Benzo Chem Industries. Pvt. Ltd. at Plot No. B-26,27 & B-14,15, Malkapur MIDC Dasarkhed, Taluka Malkapur, District Buldhana Maharashtra – Fourth progress/Status Report EC Compliance-Reg.

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With this reference we wish to submit the details required as below:

1. Current status of Project.
2. Data Sheet
3. Pointwise compliance to stipulations as laid down by the ministry.
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We hope you will find the same in line with your requirements.

Thanking You,

**For Benzo Chem Industries Pvt. Ltd.
P.N.Zope
Authorized Signatory**



F.No.IA-J-11011/175/2019-IA-II(I)
Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

By Speed Post/Online

Indira Paryavaran Bhawan
Jorbagh Road, New Delhi - 110003

Dated: 10th November, 2020

To

M/s Benzo Chem Industries Pvt. Ltd.
Plot No. B-26,27 & B-14,15
Malkapur MIDC, Dasarkhed
District: Buldhana, Maharashtra-443 101

Email: zope@benzochem.co.in

Sub: Expansion of Pharmaceuticals, Speciality and Agrochemical intermediates manufacturing from 58 TPM to 230 TPM at Plot No. B-26,27 & B-14,15, Malkapur MIDC, Dasarkhed, Taluka Malkapur, District Buldhana, Maharashtra by M/s Benzo Chem Industries Pvt. Ltd. -Environmental Clearance - reg.

Sir,

This has reference to your proposal No.IA/MH/IND2/103300/2019 dated 10th June 2020, submitting the EIA/EMP report on the above subject matter.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal for environmental clearance to the project for Expansion of Pharmaceuticals, Speciality and Agrochemical intermediates manufacturing from 58 TPM to 230 TPM by M/s Benzo Chem Industries Pvt. Ltd. in an area of 33350 sqm located at Plot No. B-26, 27 & B-14,15, Malkapur MIDC, Dasarkhed, Taluka Malkapur, District Buldhana, Maharashtra.

3. The details of products and capacity are as under:

S. No.	Product	Existing (TPM)	Proposed (TPM)	Total (TPM)
1	<u>Agrochemical Intermediate:</u> Existing: (i). 2,5 Di Methyl Phenyl Acetyl Chloride, (ii). 2,4 Di Chloro Benzaldehyde, (iii). Ortho Chloro Phenyl Acetic Acid, (iv). 2,4,6 Tri Methyl Phenyl Acetyl Chloride, (v). Para Chloro Phenyl Acetic Acid, (vi). 2,4 Di Chloro Phenyl Acetic Acid, (vii). Para Chloro Benzyl Cyanide, (viii). 2,4 Di Chloro Phenyl Acetyl Chloride, (ix). Para Chloro Benzo Tri Chloride, (x). Para Chloro Benzyl Chloride, (xi). Ortho Methyl Benzyl Chloride, (xii). 2,5 Di Methyl Phenyl Acetic Acid	35	102	137

	<p>Proposed:</p> <ul style="list-style-type: none"> (i). Isopropyl (4-Chlorophenyl) acetyl chloride (CPIC), (ii). 1-Naphthyl Acetonitrile, (iii). $\alpha,\alpha,\alpha',\alpha'$ Tetra Chloro Ortho Xylene (iv). Para Chloro α-isopropyl Phenyl Acetic Acid (CPIA) (v). Para Chloro Benzyl Cyanide 75% Solution in N-Butyl Acetate. 	---		
2	<p>Pharmaceutical Intermediates:</p> <p>Existing:</p> <ul style="list-style-type: none"> (i). Para Chloro Benzaldehyde, (ii). Meta Chloro Benzyl Chloride; (iii). Meta Chloro Benzyl Cyanide, (iv). Meta Chloro Phenyl Acetic Acid, (v). Meta Chloro Benzaldehyde, (vi). 2,4 Di Chloro Benzyl Cyanide; (vii). 2,4 Di Chloro Benzyl Chloride, (viii). Ortho Methyl Benzyl Cyanide, (ix). Ortho Methyl Phenyl Acetic Acid, (x). Ortho Chloro Benzyl Chloride, (xi). Ortho Chloro Benzyl Cyanide, (xii). Ortho Chloro Benzaldehyde, (xiii). Methyl 2-Chloro Phenyl Acetate 	20	60	80
	<p>Proposed:</p> <ul style="list-style-type: none"> (i). 2-Phenyl Acetyl Chloride, (ii). 2-Bromo Benzyl Cyanide, (iii). 4-Bromo Benzyl Cyanide (iv). 3,4 Di Chloro Benzyl Cyanide (v). Para Methyl Benzyl Chloride (vi). Para Methyl Benzyl Cyanide (vii). Para Methyl Phenyl Acetic Acid 	---		
3	<p>Speciality Chemical Intermediate:</p> <p>Existing:</p> <ul style="list-style-type: none"> (i). Benzaldehyde 2,4 Di Sulphonic Acid Di Sodium Salt (Powder), (ii). Benzaldehyde 2,4 Di Sulphonic Acid Di Sodium Salt (Liquid), (iii). Benzaldehyde Ortho Sulphonic Acid Sodium Salt 	3	10	13

	Proposed: (i). Ortho Anisoyl Chloride 75% Solution in Ethylene Dichloride, (ii). $\alpha\alpha$ Di Chloro Para Xylene, (iii). Para Hydroxy Benzaldehyde			
	Total	58	172	230

4. The existing land area is 33350 sqm, which will cater to the proposed expansion. Industry has developed greenbelt in an area of 3340 sqm and will develop greenbelt area of 7679 sqm, totaling to 11019 sqm, covering 33% of total project area. The estimated project cost is Rs. 28.22 crores including existing investment of Rs. 16.22 crores. Total capital cost earmarked towards environmental pollution control measures is Rs. 5.35 crore and the recurring cost (operation and maintenance) will be about Rs. 1.09 crore per annum. The project will lead to employment for 242 persons after expansion. Industry proposes to allocate Rs. 12 lakhs towards Corporate Environmental Responsibility (CER).

5. There are nonational parks, wildlife sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc. within 10 km from the project site. Purna river flows at a distance of 4.24 km in North direction.

6. Total water requirement is estimated to be 424.9 cum/day, which includes fresh water requirement of 220.9 cum/day, proposed to be met from Malkapur MIDC water supply. Effluent of 69.7 cum/day will be treated through ETP, MEE, Stripper & RO; 64 cum/day will be reused. There will be no discharge of treated/untreated waste water from the unit, and thus ensuring Zero Liquid Discharge.

Power requirement after expansion will be 1000 KVA and will be met from Maharashtra State Electricity Distribution Company Limited (MSEDCL). Existing unit has 1 DG set of 380 KVA capacity which will be replaced & DG set of 1000 KVA will be set up and to be used as standby during power failure after expansion. Stack of height 7.0 m will be provided as per CPCB norms to the proposed DG sets.

Existing unit has 6 TPH Coal/Agro waste fired boiler & 6 Lakh Kilo Calorie/Hr Thermic Fluid Heater. Additionally, 10 TPH Coal/Agro waste fired boiler & 6 Lakh Kilo Calorie/Hr Coal/Agro waste fired & 2 Lakh Kilo Calorie/Hr LSHS fired Thermic Fluid Heaters will be installed. Multi cyclone separator & bag filter with a stack of height of 30.5 m will be installed for controlling the particulate emissions within the statutory limit of 115 mg/Nm³ for the boilers & Stack of 11 m height will be provided along with Bag filter & Oil/air pre heater to maintain emission concentrations within the statutory limit of 150 mg/Nm³ for the thermic fluid heaters.

Gases and vapors from manufacturing process are identified source of emission, which will be passed through scrubbers (HCL/Cl₂ & Ammonia). Additionally, one scrubber (HBr) will be installed to mitigate the process emissions from expansion activity. The scrubbed gases from manufacturing process will be released through 3 stacks each with 12 m height.

7. The project/activities are covered under category A of item 5(b) 'Pesticides industry and Pesticide specific intermediates' and item 5(f) 'Synthetic organic chemicals industry' of the

Schedule to the Environment Impact Assessment Notification, 2006, and requires appraisal at central level by the sectoral Expert Appraisal Committee (EAC) in the Ministry.

8. Standard Terms of References (ToR) was issued by the Ministry vide letter dated 18th June, 2019. Public hearing is exempted as the project site is located in the notified Industrial area. It is reported by the project proponent that no litigation is pending against the proposal.

9. The proposal was considered by the Expert Appraisal Committee (Industry-2) in its meetings held on 14-16 July, 2020 and 15-17 September, 2020 in the Ministry, wherein the project proponent and their accredited consultant M/s Sadekar Enviro Engineers Pvt Ltd presented the EIA/EMP report as per the ToR. The Committee found the EIA/EMP report complying with the ToR and recommended the project for grant of environmental clearance.

10. The EAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, have examined the proposal submitted by the Project Proponent in desired form along with EIA/EMP report prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent.

The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP report. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.

The Committee noted that the EIA/EMP report is in compliance of the ToR issued for the project, reflecting the present environmental concerns and the projected scenario for all the environmental components. The Committee has found the baseline data and incremental GLC due to the proposed project within NAAQ standards. The Committee has also deliberated on the CER plan and found to be addressing the issues in the study area. The Committee has suggested that the storage of toxic/explosive raw material shall be bare minimum in quantity and inventory. The Committee has considered the opinion of Institute of Chemical Technology, Mumbai that the intermediates of API and agrochemical can be produced at the same site. The Committee has found the additional information submitted by the project proponent to be satisfactory and addressing the issues raised by the Committee.

The EAC has deliberated the proposal and has made due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC have found the proposal in order and have recommended for grant of environmental clearance.

11. The environmental clearance granted to the project/activity is strictly under the provisions of the EIA Notification 2006 and its amendments. It does not tantamount/construe to approvals/consent/ permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc., as may be applicable to the project. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.

12. Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), Ministry of Environment, Forest and Climate change hereby accords environmental clearance to the project for **Expansion of Pharmaceuticals, Speciality and Agrochemical intermediates manufacturing from 58 TPM to 230 TPM by M/s Benzo Chem Industries Pvt. Ltd. at Plot No. B-26,27 & B-14,15, Malkapur MIDC, Dasarkhed, Taluka Malkapur, District Buldhana, Maharashtra**, under the provisions of the EIA Notification, 2006, subject to the compliance of terms and conditions as under:-

- (i) The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.
- (ii) As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises. Treated effluent shall be reused in the process/utilities. Treated Industrial effluent shall not be used for gardening/greenbelt development/horticulture.
- (iii) Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.
- (iv) The storage of toxic/explosive raw material shall be bare minimum with respect to quantity and inventory. Quantity and days of storage shall be submitted to the Regional Office of Ministry and SPCB along with the compliance report.
- (v) Implementation of outcome of Process safety and risk assessment studies which carried out by using advanced models, and the mitigating measures shall be undertaken/implemented accordingly.
- (vi) Occupational health centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.
- (vii) Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees.
- (viii) The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire-fighting system shall be as per the norms.
- (ix) Solvent management shall be carried out as follows: (a) Reactor shall be connected to chilled brine condenser system. (b) Reactor and solvent handling pump shall have mechanical seals to prevent leakages. (c) Solvents shall be stored in a separate space specified with all safety measures. (d) Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done. (e) Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses. (f) All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.
- (x) Volatile organic compounds (VOCs)/Fugitive emissions shall be controlled at 99.99% with effective chillers/modern technology.

- (xi) Total fresh water requirement shall not exceed 220.9 cum/day proposed to be met from Malkapur MIDC water supply. Necessary permission in this regard shall be obtained from the concerned regulatory authority.
- (xii) Storm water from the roof top shall be channelized through pipes to the storage tank constructed for harvesting of rain water in the premises and harvested water shall be used for various industrial processes in the unit. No recharge shall be permitted within the premises. Process effluent/ any wastewater shall not be allowed to mix with storm water.
- (xiii) The company shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.
- (xiv) The green belt of at least 5-10 m width shall be developed in nearly 33% of the total project area, mainly along the plant periphery. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing map.
- (xv) As per the Ministry's OM dated 30.09.2020 superseding the OM dated 01.05.2018 regarding the Corporate Environmental Responsibility, and as per the action plan proposed by the project proponent to address the socio-economic and environmental issues in the study area, the project proponent shall provide RO drinking water facility, infrastructure and educational assistance to the schools in Malkapur, Bhalegaon and Wiwara villages. The action plan shall be completed within three years as proposed.
- (xvi) A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.

12.1 The grant of environmental clearance is further subject to compliance of other general conditions as under:-

- (i) No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- (ii) The energy source for lighting purpose shall be preferably LED based, or advance having preference in energy conservation and environment betterment.
- (iii) The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one station each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.
- (iv) The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.

- (v) The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- (vi) The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and to utilize the same for process requirements.
- (vii) Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- (viii) The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented.
- (ix) The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
- (x) A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
- (xi) The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.
- (xii) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.
- (xiii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.
- (xiv) The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.
- (xv) The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at

<https://parivesh.nic.in/>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.

- (xvi) The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
- (xvii) This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

13. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

14. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

15. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

16. The above conditions shall be enforced, *inter-alia* under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

17. This issues with approval of the competent authority.

(डॉ. आर. बी. लाल)
(Dr. R. B. Lal)
Scientist 'E'/Additional Director
मंत्रालय, पर्यावरण, वन, जल संधारण और जल संधारण
Ministry of Environment, Forest and Climate Change
भारत सरकार, नई दिल्ली
Govt. of India, New Delhi

10/11/2020

Copy to: -

1. The Deputy DGF (C), MoEF&CC Regional Office(WCZ), Ground Floor, East Wing, New Secretariat Building, Civil Line, Nagpur - 1
2. The Secretary, Environment Department, Government of Maharashtra, 15th Floor, New Administrative Building, Mantralaya, Mumbai - 32
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 32
4. The Member Secretary, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th

Floor, Opp. Cine Planet, Sion Circle, Mumbai - 22

5. The District Collector, District Buldhana (Maharashtra)
6. Guard File/Monitoring File/Website/Record File



(Dr. R. B. Lal)
Scientist 'E'/Additional Director
Tele-fax: 011-24695362
Email-rb.lal@nic.in

Monitoring Report

PART – I

DATA SHEET

No.		
1.	Project type: River Valley / Mining / Industry / Thermal / Nuclear / Others (specify)	Industry (Pharmaceuticals, Speciality and Agrochemical Intermediates manufacturing)
2.	Name of the Project	Expansion of Pharmaceuticals, Speciality and Agrochemical Intermediates from 58 TPM to 230 TPM at Plot No. B-26, 27 and B-14, 15, Malkapur MIDC, Dasarkhed, Taluka –Malkapur , District Buldhana, Maharashtra
3.	Clearance letter (s) / OM No. and date	F.No. IA-J-11011/175/2019-IA-II(I) dated November 10, 2020
4.	Location a) District (s)	Buldhana
	b) State (s)	Maharashtra
	c) Location latitude / longitude	Latitude: and Longitude Latitude : 20°58'25.07"N Longitude : 76°11'16.88"E
5.	Address for Correspondence a) Address of the Concerned Project Chief Engineer (with Pin code & Telephone / Telex / Fax Numbers)	Mr. P.N Zope M/s Benzo Chem Industries Pvt. Ltd. at Plot No.: Plot No. B-26, 27 and B-14, 15, Malkapur MIDC, Dasarkhed, Taluka –Malkapur , District Buldhana, Maharashtra
	b) Address of the Concerned Project Chief Engineer (with Pin code & Telephone / Telex / Fax Numbers)	
6.	Salient features a) of the Project	Expansion of Pharmaceuticals, Speciality and

		<p>Agrochemical Intermediates from 58 TPM to 230 TPM at Plot No. B-26, 27 and B-14, 15. The salient features of the project are as under:</p> <p>a) Water requirement and source: Total water requirement is estimated to be 424.9 cum/day, which includes fresh water requirement of 220.9 cum/day, proposed to be met from Malkapur MIDC water supply.</p> <p>b) Power requirement : Power requirement after expansion will be 1000 KVA and will be met from Maharashtra State Electricity Distribution Company Limited (MSEDCL).</p> <p>c) Backup emergency power : Existing unit has 1 DG set of 380 KVA capacity which will be replaced & DG set of 1000 KVA will be set up and to be used as standby during power failure after expansion.</p> <p>d) Existing unit has 6 TPH Coal/Agro waste fired boiler& 6 Lakh Kilo Calorie/Hr Thermic Fluid Heater. Additionally,10 TPH Coal/Agro waste fired boiler & 6Lakh Kilo Calorie/Hr Coal/Agro waste fired & 2 Lakh Kilo Calorie/Hr LSHS fired Thermic Fluid Heaters will be installed.</p>
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	<p>b) of the Environmental Management Plans</p>	<p>Environment Management Plan Includes the following :</p> <ul style="list-style-type: none"> ➤ Air pollution control system includes: Multi cyclone separator& bag filter with a stack of height of 30.5 m will be installed for controlling the particulate emissions within the statutory limit of 115 mg/Nm³ for the boilers & Stack of 11 m height will be provided along with Bag filter& Oil/air pre heater to maintain emission concentrations within the statutory limit of 150 mg/Nm³ for the thermic fluid heaters. ➤ Water pollution control system includes : Effluent of 69.7 cum/day will be treated through ETP, MEE, Stripper & RO; 64 cum/day will be reused. There will be no discharge of treated/untreated waste water from the unit, and thus ensuring Zero Liquid Discharge. ➤ Noise pollution Control includes Acoustic enclosure and regular maintenance ➤ Occupational Health includes Medical checkup, Health insurance policy, Medical staff charges, First aid facilities, consumables, In-house first aid room, Other infrastructure and Equipment ➤ Gases and vapors from manufacturing process are identified source of emission, which will be passed through scrubbers (HCL/Cl₂& Ammonia). Additionally, one scrubber (HBr) will be installed to mitigate the process emissions from expansion activity. The scrubbed gases from manufacturing process will be released through 3 stacks each with 12 m height ➤ The existing land area is 33350 sqm, which will cater to the proposed expansion. Industry has developed greenbelt in an area of 3340 sqm and will develop greenbelt area of 7679 sqm, totaling to 11019 sqm, covering 33% of total project area.
7.	<p>Break up of the Project Area</p> <p>a) Submergence area: forest & non forest</p>	<p>: Not applicable and forest area is not involved in the project. It is an industrial project located within notified MIDC. i.e, MIDC Malkapur</p>
	<p>b) Others</p>	<p>Enclosed as Annexure-1</p>

8.	Break up of the project affected population with the enumeration of those losing Houses / Dwelling units only, Agricultural Land & Landless Laborers / Artisans: a) SC, ST / Adivasi	:	Not applicable as no project affected population is there due to the fact that the project is located in the notified industrial area i.e, MIDC Malkapur
	b) Others (please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey is carried out give details & year of survey)	:	
9 a)	Financial Details: Project cost as originally planned and subsequent revised estimates and the year of price reference	:	Estimated project cost : The estimated project cost is Rs. 28.22 crores including existing investment of Rs. 16.22 crores Year of Price reference- 2020 Revised project cost : 16.33 Crs Year of reference : 2022
b)	Allocation made for environmental management plans with item wise and year wise breakup	:	Total capital cost allocated for environmental management plans : Rs. 5.35 Cr. Total allocated recurring cost for environmental management plans : Rs. 1.09 Cr. /Annum The detailed break up of the environmental management cost is enclosed in Annexure-2
c)	Benefit cost ratio/Internal rate of Return and the year of assessment	:	N.A as the project is yet to be commissioned and production yet to be started.
d)	Whether (c) includes the cost of environmental management as shown in the	:	N.A as the project is in construction phase.

	above		
e)	Actual expenditure incurred on the project so far	:	Rs. 1633.08 lakhs
f)	Actual expenditure incurred on the environmental management plans so far	:	The actual capital expenditure on the environmental management plans from April 2022 till September 2022 is Rs. 2.319 Crs. The actual recurring expenditure on the environmental management plans from April 2022 till September 2022 is 0.4482 lakhs. The breakup of the same is given in Annexure- 2
10	Forest Land Requirement		
a)	The status of approval for diversion of forest land for non-forestry use	:	Not applicable as the project is located in a notified Industrial area i.e, MIDC Malkapur
b)	The status of clearing felling	:	Not applicable as the project is located in a notified Industrial area i.e, MIDC Malkapur
c)	The status of compensatory aforestation, if any Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far	:	Not applicable as the project is located in a notified Industrial area i.e, MIDC Malkapur
11	The status of clear felling in non-forest areas (such as submergence area or reservoir, approach roads.), if any with quantitative information required.	:	Not applicable as the project is located in a notified Industrial area i.e, MIDC Malkapur
12	Status of construction (Actual&/or planned)		The pre-commissioning trials of the project are ongoing The photographs of the ongoing pre-commissioning trials are enclosed as Annexure-3 .
a)	Date of commencement (Actual&/or planned)	:	Dec-2020
b)	Date of completion (Actual&/or planned)	:	Planned date of completion : Dec-2022
13	Reasons for the delay if the project is yet to start	:	Not applicable as the project pre-commissioning trials of the some of the facilities are ongoing
14	Dates of Site Visits		

a)	The dates on which the project was monitored by the Regional Office on previous occasions, if any	:	The project has not been monitored by the Regional Office yet.
b)	Date of site visits for this monitoring report	:	Nil

Point-wise compliance to the environmental clearance conditions given in the F.No. IA-J-11011/175/2019-IA-II(I) dated November 10, 2020

Sr.No	EC condition	Compliance
EC conditions		
(i)	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented. ..	We hereby commit that we will comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project will be scrupulously implemented.
(ii)	As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises. Treated effluent shall be reused in the process/utilities. Treated Industrial effluent shall not be used for gardening/greenbelt development/horticulture.	The domestic effluent of 10.0 CMD will be sent to aeration tank of the ETP. The 36.8 m ³ /day HCOD/HTDS effluent from manufacturing process will be treated in MEE of 100 CMD capacity, Stripper, ATFD and Two stage Reverse Osmosis (RO) of 100 CMD capacity (After Pre-primary, Primary and secondary treatment in ETP). The Boiler & Cooling tower blow down of 22.9 m ³ /day will be treated in R.O. after neutralization. 4. The treated effluent from ETP will be purified using Two stage R.O. system of design capacity of 100 CMD. The permeate from R.O. will be recycled as cooling tower make up water and reject is subjected to MEE. By this, complete recycling of effluent will be done and zero liquid

		<p>discharge will be achieved.</p> <p>ZLD scheme will be implemented once the project is commissioned and the production commences.</p>
(iii)	<p>Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises..</p>	<p>At present pre-commissioning trials of the some of the facilities are ongoing</p> <p>Continuous online (24x7) monitoring system for stack emissions will be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, we will install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.</p> <p>All the above measures will be implemented once the project is commissioned and the production commences.</p>
(iv)	<p>The storage of toxic/explosive raw material shall be bare minimum with respect to quantity and inventory. Quantity and days of storage shall be submitted to the Regional Office of Ministry and SPCB along with the compliance report.</p>	<p>At present pre-commissioning trials of the some of the facilities are ongoing.</p> <p>The storage of toxic/explosive raw material will be bare minimum with respect to quantity and inventory. Quantity and days of storage will be submitted to the Regional Office of Ministry and SPCB along with the compliance report.</p> <p>All the above measures will be implemented once the project is commissioned and the production commences.</p>

<p>(v)</p>	<p>Implementation of outcome of Process safety and risk assessment studies which carried out by using advanced models, and the mitigating measures shall be undertaken/implemented accordingly.</p>	<p>At present pre-commissioning trials of the some of the facilities are ongoing</p> <p>Implementation of outcome of Process safety and risk assessment studies which have been carried out by using advanced models, and the mitigating measures will be undertaken/implemented accordingly.</p> <p>All the above measures will be implemented once the project is commissioned and the production commences.</p>
<p>(vi)</p>	<p>Occupational health centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.</p>	<p>At present pre-commissioning trials of the some of the facilities are ongoing</p> <p>The occupational health centre for surveillance of the worker's health will be set up. The health data will be used in deploying the duties of the workers. All workers & employees will be provided with required safety kits/mask for personal protection.</p> <p>All the above measures will be implemented once the project is commissioned and the production commences.</p> <p>The existing industry has provided the following safety measures as under:</p> <p>Ammonia Detector Automatic fire sprinklers Fire Hydrant System Fire Hydrant System Panel Fire Extinguisher Stand & Fire Hydrant Foam Nozzle at Solvent Storage Tank Area Water Sprinkler System & Smoke Detector Flame Arrester Installed on</p>

		<p>Tank Emergency Siren has been provided. Flame Arrester has been provided Chlorine Detector has been installed Wind sock has been installed Self contained breathing apparatus has been provided to the workers. The photographs of the same are enclosed as Annexure -4</p>
vii)	<p>Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees.</p>	<p>At present pre-commissioning trials of the some of the facilities are ongoing</p> <p>Training will be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training will be provided to employees.</p> <p>All the above measures will be implemented once the project is commissioned and the production commences.</p>
(viii)	<p>The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire-fighting system shall be as per the norms.</p>	<p>At present pre-commissioning trials of the some of the facilities are ongoing</p> <p>We will make arrangements for the protection of possible fire hazards during manufacturing process in material handling. Fire-fighting system will be as per the norms.</p> <p>All the above measures will be implemented once the project is commissioned and the production commences. The existing production facility has provided the following measures for the fire fighting :</p> <ul style="list-style-type: none"> ➤ Automatic fire sprinklers ➤ Fire Hydrant System

		<ul style="list-style-type: none"> ➤ Fire Hydrant System Panel ➤ Fire Extinguisher Stand & Fire Hydrant Foam Nozzle at Solvent Storage Tank Area ➤ Water Sprinkler System & Smoke Detector ➤ Flame Arrester Installed on Tank <p>The photographs of the same are enclosed as Annexure – 4</p>
(ix)	<p>Solvent management shall be carried out as follows: (a) Reactor shall be connected to chilled brine condenser system. (b) Reactor and solvent handling pump shall have mechanical seals to prevent leakages. (c) Solvents shall be stored in a separate space specified with all safety measures. (d) Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done. (e) Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses. (f) All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.</p>	<p>At present pre-commissioning trials of the some of the facilities are ongoing</p> <p>Solvent management will be carried out as follows: (a) Reactor will be connected to chilled brine condenser system. (b) Reactor and solvent handling pump will have mechanical seals to prevent leakages. (c) Solvents will be stored in a separate space specified with all safety measures. (d) Proper earthing will be provided in all the electrical equipment wherever solvent handling is done. (e) Entire plant will be flame proof. The solvent storage tanks will be provided with breather valve to prevent losses. (f) All the solvent storage tanks will be connected with vent condensers with chilled brine circulation.</p> <p>All the above measures will be implemented once the project is commissioned and the production commences.</p>
(x)	<p>Volatile organic compounds (VOCs)/Fugitive emissions shall be controlled at 99.99% with effective chillers/modern technology.</p>	<p>At present pre-commissioning trials of the some of the facilities are ongoing</p>

		<p>Volatile organic compounds (VOCs)/Fugitive emissions will be controlled at 99.99% with effective chillers/modern technology</p> <p>All the above measures will be implemented once the project is commissioned and production commences.</p>
(xi)	Total fresh water requirement shall not exceed 220.9 cum/day proposed to be met from Malkapur MIDC water supply. Necessary permission in this regard shall be obtained from the concerned regulatory authority.	Total fresh water requirement will not exceed 220.9 cum/day proposed to be met from Malkapur MIDC water supply. Necessary permission in this regard has been obtained from the MIDC and has been attached as Annexure-5
(xii)	Storm water from the roof top shall be channelized through pipes to the storage tank constructed for harvesting of rain water in the premises and harvested water shall be used for various industrial processes in the unit. No recharge shall be permitted within the premises. Process effluent/ any wastewater shall not be allowed to mix with storm water.	<p>Storm water from the roof top shall be channelized through pipes to the storage tank constructed for harvesting of rain water in the premises and harvested water will be used for various industrial processes in the unit. No recharge will be permitted within the premises. Process effluent/ any wastewater will not be allowed to mix with storm water.</p> <p>A total rainwater harvesting area of 338 sq.m has been provided in the existing factory set up for the corresponding facilities. The photographs' of the same have been enclosed as Annexure- 6</p>
(xiii)	The company shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of byproducts from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.	<p>At present pre-commissioning trials of the some of the facilities are ongoing</p> <p>The company will undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of byproducts from the process as raw materials or as raw material substitutes in</p>

		<p>other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.</p> <p>All the above measures will be implemented once the project is commissioned and the production commences.</p>
(xiv)	<p>The green belt of at least 5-10 m width shall be developed in nearly 33% of the total project area, mainly along the plant periphery. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing map.</p>	<p>A total of 460 trees have been planted during the period from April 2022 till September - 2022 with survival rate of 87%. The photographs of the same have been enclosed as Annexure- 7. Records of tree canopy will be monitored through remote sensing map and submitted in the next six monthly compliance report.</p>
(xv)	<p>As per the Ministry's OM dated 30.09.2020 The green belt of at least 5-10 m width shall be developed in nearly 33% of the total project area, mainly along the plant periphery. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing map.</p>	<p>A total of 460 trees have been planted during the period from April 2022 till September - 2022 with survival rate of 87%. The photographs of the same have been enclosed as Annexure- 7. Records of tree canopy will be monitored through remote sensing map and submitted in the next six monthly compliance report.</p>
(xvi)	<p>Superseding the OM dated 01.05.2018 regarding the Corporate Environmental Responsibility, and as per the action plan proposed by the project proponent to address the socio-economic and environmental issues in the study area, the project proponent shall provide RO drinking water facility, infrastructure and educational assistance to the schools in Malkapur, Bhalegaon and Wiwara villages. The action plan shall be completed within three years as proposed</p>	<p>Superseding the OM dated 01.05.2018 regarding the Corporate Environmental Responsibility, and as per the action plan proposed by the us to address the socio-economic and environmental issues in the study area, we have done the following activities as a part of CER: CER activity in the year 2021 -</p>

		<p>2022 :</p> <p>Oxygen generation plant at Late Madanlalji. Kisanlalji Sancheti Seva Samiti ,Malkapur and the cost incurred was Rs. 11,50,000/-</p> <p>Activities performed in the year 2022 -2023 as on date :</p> <p>Building kitchen room in Ashram school at Late Madanlalji. Kisanlalji Sancheti Seva Samiti ,Malkapur and the cost incurred was Rs. 5,00,000/-</p> <p>The letter submitted to the District Collector for the actual CER activities undertaken is enclosed as Annexure -8</p>
(xvii)	A separate Environmental Management Cell (having qualified person with Environmental Science/Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	A separate Environmental Management Cell has been established with relevant qualified staff. The organogram of the Environmental Management Cell (EMC) has been enclosed as Annexure -9
12.1 Other general conditions		
(i)	No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Note and agreed
(ii)	The energy source for lighting purpose shall be preferably LED based, or advance having preference in energy conservation and environment betterment.	The project is still in construction phase and pre-commissioning trials of the some of the facilities are ongoing.

		<p>The energy source for lighting purpose will be preferably LED based, or advance having preference in energy conservation and environment betterment.</p> <p>All the above measures will be implemented once the project is commissioned and production commences.</p>
(iii)	<p>The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one station each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.</p>	<p>The ambient air quality monitoring was conducted at 4 locations including the project site. The snapshot the results for the primary pollutants is as under :</p> <p>PM₁₀ varied from 61.87 µg/m³ (Dharangaon) to 84.21 µg/m³ (Near Main Gate) PM_{2.5} varied from 27.29 µg/m³ (Dharangaon) to 38.26 µg/m³ (Near Main Gate) SO₂ varied from 8.44 µg/m³ (Talaswada) to 18.08 µg/m³ (Near Main Gate) NO_x varied from 33.26 µg/m³ (Ghodasgaon village & Talaswada village) to 46.89 µg/m³ (Near Main Gate)</p> <p>All the parameters were found to be within the respective NAAQS 2009 limits. The ambient air quality monitoring reports are enclosed as Annexure-10</p>
(iv)	<p>The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.</p>	<p>The ambient air quality monitoring was conducted at 4 locations including the project site. The snapshot the results for the primary pollutants is as under :</p> <p>PM₁₀ varied from 61.87 µg/m³ (Dharangaon) to 84.21 µg/m³ (Near Main Gate) PM_{2.5} varied from 27.29 µg/m³ (Dharangaon) to 38.26 µg/m³ (Near Main Gate)</p>

		<p>µg/m³ (Near Main Gate) SO₂ varied from 8.44 µg/m³ (Talaswada) to 18.08 µg/m³ (Near Main Gate) NO_x varied from 33.26 µg/m³ (Ghodaasgaon village & Talaswada village) to 46.89 µg/m³ (Near Main Gate)</p> <p>All the parameters were found to be within the respective NAAQS 2009 limits. The ambient air quality monitoring reports are enclosed as Annexure-10</p>
(v)	<p>The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).</p>	<p>The ambient noise levels were monitored during the day and the night time near main gate, near ETP and near main stores in the existing factory premises. The noise levels ranged from 56.6 dB(A) (Near main stores) to 59.6 dB(A) (Near main gate) during the daytime and from 49.8 dB(A) (Near ETP) to 54 dB(A) (Near main stores) during the nighttime. The noise levels were found to be within the standards promulgated by CPCB. The noise monitoring reports are enclosed as Annexure-15</p>
(vi)	<p>The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and to utilize the same for process requirements.</p>	<p>A total rainwater harvesting area of 338 sq.m has been provided in the existing factory set up for the corresponding facilities. The photographs of the same have been enclosed as Annexure- 6</p>
(vii)	<p>Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.</p>	<p>Training will be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees will be undertaken on regular basis. Training to all employees on handling of chemicals will be imparted once the project is commissioned and the production commences.</p>

		As of now the project is in construction stage and pre-commissioning trails are ongoing.
viii)	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented.	<p>Superseding the OM dated 01.05.2018 regarding the Corporate Environmental Responsibility, and as per the action plan proposed by the us to address the socio-economic and environmental issues in the study area, we have done the following activities as a part of CER:</p> <p>CER activity in the year 2021 - 2022 :</p> <p>Oxygen generation plant at Late Madanlalji. Kisanlalji Sancheti Seva Samiti ,Malkapur and the cost incurred was Rs. 11,50,000/-</p> <p>Activities performed in the year 2022 -2023 as on date :</p> <p>Building kitchen room in Ashram school at Late Madanlalji. Kisanlalji Sancheti Seva Samiti ,Malkapur and the cost incurred was Rs. 5,00,000/-</p> <p>The letter submitted to the District Collector for the actual CER activities undertaken is enclosed as Annexure-8</p>
ix)	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	<p>Superseding the OM dated 01.05.2018 regarding the Corporate Environmental Responsibility, and as per the action plan proposed by the us to address the socio-economic and environmental issues in the study area, we have done the following activities as a part of CER:</p>

		<p>CER activity in the year 2021 - 2022 :</p> <p>Oxygen generation plant at Late Madanlalji. Kisanlalji Sancheti Seva Samiti ,Malkapur and the cost incurred was Rs. 11,50,000/-</p> <p>Activities performed in the year 2022 -2023 as on date :</p> <p>Building kitchen room in Ashram school at Late Madanlalji. Kisanlalji Sancheti Seva Samiti ,Malkapur and the cost incurred was Rs. 5,00,000/-</p> <p>The letter submitted to the District Collector for the actual CER activities undertaken is enclosed as Annexure-8</p>
(x)	A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions	A separate Environmental Management Cell has been established with relevant qualified staff. The organogram of the Environmental Management Cell (EMC) has been enclosed as Annexure -9
xi)	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose	Total capital cost earmarked for environmental management plans is Rs.5.35 Cr. Total recurring cost earmarked for environmental management plans is Rs. 1.09 Cr/ Annum
xii)	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal	The copy of the clearance letter was not sent to the concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, as no suggestions/ representations, were received while processing the proposal
xiii)	The project proponent shall also submit six	We have submitted the 1st six

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	<p>monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.</p>	<p>monthly EC compliance to the Regional Office of MoEF on June 23 ,2022 for the period from October 2021 to March 2022. Likewise we have submitted the aforesaid EC compliance to the Regional Directorate of CPCB at Pune , concerned office of SRO MPCB and the R.O MPCB via emails dated June 23,2022. The copies of the all the email transmittals are enclosed as Annexure-24</p>
xiv)	<p>The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.</p>	<p>The Environmental statement for the existing facility has been submitted on 29th September 2022 for the FY ending 31st March 2022. The same is enclosed as Annexure-18</p>
xv)	<p>The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.</p>	<p>The information regarding the granting of environmental clearance to be published in the two local newspapers has been inadvertently missed out and we regret the same.</p>
xvi)	<p>The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.</p>	<p>Noted and agreed</p>
xvii)	<p>This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.</p>	<p>Noted and agreed</p>
13)	<p>The Ministry reserves the right to stipulate additional conditions, if found necessary at</p>	<p>Noted and agreed</p>

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	subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.	
14)	Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.	Noted and agreed
15)	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010	Noted and agreed
16)	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	The PLI copy for the existing facility is enclosed as Annexure-26

Point wise compliance of the standard EC compliance conditions stipulated for the synthetic organic chemicals vide MoEF & CC's Office Memorandum dated 9th August 2018

I	Statutory compliance	Compliance
i)	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.	Not applicable as not forest land involved in the project site
ii)	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not applicable
iii)	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall	Not applicable as no schedule -1 species were reported in the study area.

	be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (incase of the presence of schedule-1 species in the study area)	
iv)	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/Committee	We have received CTE vide document no. Format1.0 /AS(T) / UAN No - 0000089344/CE-2107001616 dated 30/07/2021 The same is enclosed as Annexure-11 . Also the CTO for the existing facility is enclosed as Annexure-12
v)	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	We have an agreement with Maharashtra Enviro Power Limited valid till 10/07/2024 The same is enclosed as Annexure- 13
vi)	The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989	We will strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals will be as per the Motor Vehicle Act (MVA), 1989
II	Air quality monitoring and preservation	
i)	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.	At present pre-commissioning trials of the some of the facilities are ongoing. We will install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. The above measures will be implemented when the project is commissioned and production commences.
ii)	The project proponent shall monitor fugitive emissions in the plant premises at least once in	The fugitive emissions have been monitored. The snapshot of the results

	<p>every quarter through labs recognized under Environment (Protection) Act, 1986</p>	<p>is given below :</p> <p>SPM = 1.08 mg/m³ SO₂ = 2.68 µg/ m³ NO_x = 11.12 µg/m³ Methanol : ND Toluene : ND Xylene : ND Note : ND means not detected</p> <p>The results are enclosed as Annexure – 14</p>
<p>iii)</p>	<p>The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. P-Mio and PM_{2.5} in reference to PM emission, and SO₂ and NO_x in reference to SO₂ and NO_x emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each), covering upwind and downwind directions.</p>	<p>The ambient air quality monitoring was conducted at 4 locations including the project site. The snapshot the results for the primary pollutants is as under :</p> <p>PM₁₀ varied from 61.87 µg/m³ (Dharangaon) to 84.21 µg/m³ (Near Main Gate) PM_{2.5} varied from 27.29 µg/m³ (Dharangaon) to 38.26 µg/m³ (Near Main Gate) SO₂ varied from 8.44 µg/m³ (Talaswada) to 18.08 µg/m³ (Near Main Gate) NO_x varied from 33.26 µg/m³ (Ghodasgaon village & Talaswada village) to 46.89 µg/m³ (Near Main Gate)</p> <p>All the parameters were found to be within the respective NAAQS 2009 limits. The ambient air quality monitoring reports are enclosed as Annexure-10</p>
<p>iv)</p>	<p>To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.,</p>	<p>At present , pre-commissioning trials of the some of the facilities are ongoing</p> <p>The proposed Air pollution control system includes: Multi cyclone separator& bag filter with a stack of height of 30.5 m will be installed for controlling the particulate emissions within the statutory limit of 115 mg/Nm³ for the boilers & Stack of 11 m</p>

		<p>height will be provided along with Bag filter& Oil/air pre heater to maintain emission concentrations within the statutory limit of 150 mg/Nm³ for the thermic fluid heaters.</p> <p>The above measures will be implemented when the project is commissioned and production commences.</p>
v)	<p>Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.</p>	<p>At present , pre-commissioning trials of the some of the facilities are ongoing</p> <p>Storage of raw materials, coal etc will be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.</p> <p>The above measures will be implemented when the project is commissioned and production commences.</p>
vi)	<p>National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed</p>	<p>National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 are not applicable to us as we don't have onsite incinerator</p>
vii)	<p>The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with</p>	<p>The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 are being complied with scrupulously.</p> <p>The ambient air quality monitoring was conducted at 4 locations including the project site. The snapshot the results for the primary pollutants is as under :</p> <p>PM10 varied from 61.87 µg/m³ (Dharangaon) to 84.21 µg/m³ (Near Main Gate)</p> <p>PM2.5 varied from 27.29 µg/m³ (Dharangaon) to 38.26 µg/m³ (Near Main Gate)</p>

		<p>SO₂ varied from 8.44 µg/m³ (Talaswada) to 18.08 µg/m³ (Near Main Gate)</p> <p>NO_x varied from 33.26 µg/m³ (Ghodasgaon village & Talaswada village) to 46.89 µg/m³ (Near Main Gate)</p> <p>All the parameters were found to be within the respective NAAQS 2009 limits. The ambient air quality monitoring reports are enclosed as Annexure-10</p>
III	Water quality monitoring and preservation	
i)	<p>The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises (applicable in case of the projects achieving ZLD)</p>	<p>At present , pre-commissioning trials of the some of the facilities are ongoing.</p> <p>We will provide online continuous monitoring of effluent, we will install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises as the proposed expansion project will be a ZLD unit.</p> <p>The above measures will be implemented when the project is commissioned and production commences.</p>
ii)	<p>As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises (applicable in case of the projects achieving the ZLD).</p> <p>The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent.</p>	<p>As already committed by the us , Zero Liquid Discharge will be ensured and no waste/treated water will be discharged outside the premises.</p> <p>ZLD will be implemented as and when the project is commissioned and production is commenced.</p>
iii)	<p>Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.</p>	<p>Total fresh water requirement will not exceed the proposed quantity or as specified by the Committee. The permission for the water supply from MIDC is enclosed as Annexure-5</p>

iv)	<p>Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.</p>	<p>At present , pre-commissioning trials of the some of the facilities are ongoing.</p> <p>Process effluent/any wastewater will not be allowed to mix with storm water. The storm water from the premises will be collected and discharged through a separate conveyance system.</p> <p>This will be implemented once the project is commissioned and the production commences.</p>
v)	<p>The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant</p>	<p>A total rainwater harvesting area of 338 sq.m has been provided in the existing factory set up for the corresponding facilities. The photographs' of the same have been enclosed as Annexure- 6</p>
vi)	<p>The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.</p>	<p>At present , pre-commissioning trials of the some of the facilities are ongoing</p> <p>The D.G sets will be provided with the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.</p> <p>The above will be implemented as and when the project is commissioned and the production commences.</p>
IV Noise monitoring and prevention		
i)	<p>Acoustic enclosure shall be provided to DG set for controlling the noise pollution.</p>	<p>At present , pre-commissioning trials of the some of the facilities are ongoing</p> <p>Acoustic enclosure will be provided to DG set for controlling the noise pollution as and when the project is commissioned and the production commences.</p>
ii)	<p>The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods,</p>	<p>The ambient noise levels were monitored during the day and the night time near main gate, near ETP and near</p>

	silencers, enclosures etc. on all sources of noise generation	main stores in the existing factory premises The noise levels ranged from 56.6 dB(A) (Near main stores) to 59.6 dB(A) (Near main gate) during the daytime and from 49.8 dB(A) (Near ETP) to 54 dB(A) (Near main stores) during the nighttime. The noise levels were found to be within the standards promulgated by CPCB. The noise monitoring reports are enclosed as Annexure-15
iii)	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time	The ambient noise levels were monitored during the day and the night time near main gate, near ETP and near main stores in the existing factory premises The noise levels ranged from 56.6 dB(A) (Near main stores) to 59.6 dB(A) (Near main gate) during the daytime and from 49.8 dB(A) (Near ETP) to 54 dB(A) (Near main stores) during the nighttime. The noise levels were found to be within the standards promulgated by CPCB. The noise monitoring reports are enclosed as Annexure-15
V.	Energy Conservation measures	
i)	The energy sources for lighting purposes shall preferably be LED based	We commit that the energy sources for lighting purposes will preferably be LED based.
VI	Waste management	
i)	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.	At present , pre-commissioning trials of the some of the facilities are ongoing Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters will be provided on tank farm and the solvent transfer through pumps once the project is commissioned and the production commences.
ii)	Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.	We are disposing off the process organic residue to the CHWTSDF for which we have agreement with MEPL valid till 10/07/2024 and the same is enclosed as Annexure – 13
iii)	The company shall undertake waste	

	minimization measures as below:-	
	Metering and control of quantities of active ingredients to minimize waste.	We will meter and control the quantities of the active ingredients to minimize waste once the project is commissioned and the production commences. Also the reuse of the by-products from the process as raw materials or as raw material substitutes in other processes will be explored once the project is commissioned and the production commences.
	Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.	
	Use of automated filling to minimize spillage.	At present , pre-commissioning trials of the some of the facilities are ongoing The use of automated filling to minimize spillage will be adopted once the project is commissioned and the production commences.
	Use of Close Feed system into batch reactors.	At present , pre-commissioning trials of the some of the facilities are ongoing. The use of close feed system into batch reactors will be adopted once the project is commissioned and the production commences.
	Venting equipment through vapour recovery system	At present , pre-commissioning trials of the some of the facilities are ongoing Venting equipment through vapour recovery will be adopted once the project is commissioned and the production commences.
	Use of high pressure hoses for equipment clearing to reduce wastewater generation	Art present , pre-commissioning trials of the some of the facilities are ongoing The use of high pressures hoses for equipment clearing to reduce the wastewater generation will be adopted once the project is commissioned and the production commences.
VII	Green Belt	
i)	The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department	A total of 460 trees have been planted during the period from April 2022 till September -2022 with survival rate of 87%. The photographs of the same have been enclosed as Annexure- 7. Records of tree canopy will be monitored through remote sensing map and submitted in the next six monthly

		compliance report.
VIII	Safety, Public hearing and Human health issues	
i)	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented	We will implement the Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan once the project is commissioned and the production commences.
	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms	<p>At present , pre-commissioning trials of the some of the facilities are ongoing.</p> <p>We will make arrangements for the protection of possible fire hazards during manufacturing process in material handling. Fire-fighting system will be as per the norms.</p> <p>All the above measures will be implemented once the project is commissioned and the production commences.</p> <p>The existing production facility has provided the following measures for the fire fighting :</p> <ul style="list-style-type: none"> ➤ Automatic fire sprinklers ➤ Fire Hydrant System ➤ Fire Hydrant System Panel ➤ Fire Extinguisher Stand & Fire Hydrant Foam Nozzle at Solvent Storage Tank Area ➤ Water Sprinkler System & Smoke Detector ➤ Flame Arrester Installed on Tank <p>The photographs of the same are enclosed as Annexure – 4</p>
ii)	The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	<p>At present , pre-commissioning trials of the some of the facilities are ongoing</p> <p>We will provide the Personal Protection Equipment (PPE) as per the norms of Factory Act once the project is commissioned and the production commences.</p>
iii)	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-	We will impart Training to all employees on safety and health aspects

	employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	of chemicals handling. Pre-employment and routine periodical medical examinations for all employees will be undertaken on regular basis. Training to all employees on handling of chemicals will be imparted. All the above measures will be implemented once the project is commissioned and the production commences.
iv)	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Not applicable as the local labour is hired for the construction activity.
v)	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act	The occupational health surveillance of the workers will be done on a regular basis and records will be maintained as per the Factories Act once the project is commissioned and the production commences.
vi)	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places	There will be adequate space inside the plant earmarked for parking of vehicles and finished products and no parking will be allowed on public places.
IX)	Corporate Environment Responsibility	
i)	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.111 dated 1 st May 2018, as applicable, regarding Corporate Environment Responsibility.	Superseding the OM dated 01.05.2018 regarding the Corporate Environmental Responsibility, and as per the action plan proposed by the us to address the socio-economic and environmental issues in the study area, we have done the following activities as a part of CER: CER activity in the year 2021 -2022 : Oxygen generation plant at Late

		<p>Madanlalji. Kisanlalji Sancheti Seva Samiti ,Malkapur and the cost incurred was Rs. 11,50,000/-</p> <p>Activities performed in the year 2022 - 2023 as on date :</p> <p>Building kitchen room in Ashram school at Late Madanlalji. Kisanlalji Sancheti Seva Samiti ,Malkapur and the cost incurred was Rs. 5,00,000/- The letter submitted to the District Collector for the actual CER activities undertaken is enclosed as Annexure -8.</p>
ii)	<p>The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report</p>	<p>We have well laid down environmental policy duly approved by the Board of Directors which is enclosed as Annexure -17</p>
iii)	<p>A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization</p>	<p>An Environmental Cell has been established The organogram for the same has been enclosed as Annexure – 9</p>
iv)	<p>Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.</p>	<p>Noted and agreed.</p>

v)	Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Our company is already ISO -14000 certified. We are already carrying out environmental audit through external auditor every year for the existing facility. Third party environmental audit will be carried out every year for the expansion project once the project is commissioned and the production commences .
X)	Miscellaneous	
i)	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	The information regarding the granting of environmental clearance to be published in the two local newspapers has been inadvertently missed out and we regret the same.
ii)	The copies of the environmental clearance shall be submitted by the project proponents to the x who in turn has to display the same for 30 days from the date of receipt	The copies of the environmental clearance have not been submitted by us to the local bodies and has been inadvertently missed out .
iii)	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	We will upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on our website and update the same on half-yearly basis once this compliance report is submitted to the concerned regulatory agencies.
iv)	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 are being complied with scrupulously.

		<p>The ambient air quality monitoring was conducted at 4 locations including the project site. The snapshot the results for the primary pollutants is as under :</p> <p>PM10 varied from 61.87 µg/m³ (Dharangaon) to 84.21 µg/m³ (Near Main Gate)</p> <p>PM2.5 varied from 27.29 µg/m³ (Dharangaon) to 38.26 µg/m³ (Near Main Gate)</p> <p>SO₂ varied from 8.44 µg/m³ (Talaswada) to 18.08 µg/m³ (Near Main Gate)</p> <p>NO_x varied from 33.26 µg/m³ (Ghodasgaon village & Talaswada village) to 46.89 µg/m³ (Near Main Gate)</p> <p>All the parameters were found to be within the respective NAAQS 2009 limits. The ambient air quality monitoring reports are enclosed as Annexure-10</p> <p>The boiler stack emissions were monitored in the existing set up along with other stacks :</p> <p>The analysis results of the coal fired boiler stack as sample are given below :</p> <p>Particulate matter : 88.34 mg/Nm³ SO₂ : 54.54 kg/day NO_x : 34.61 mg/Nm³</p> <p>The stack monitoring reports are enclosed as Annexure- 18</p>
v)	<p>The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.</p>	<p>We have uploaded the status of compliance of the stipulated environment clearance conditions, including results of monitored data on our website and update the same on half-yearly basis. The weblink for the same is as under: http://www.bcipl.com/environment.html</p>
vi)	<p>The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment</p>	<p>The project is still in construction phase. The Form-V will be submitted online to MPCB every financial year once the project is commissioned and</p>

	(Protection) Rules, 1986, as amended subsequently and put on the website of the company.	<p>the production commences.</p> <p>The Environmental Statement for the financial year ending 31st March 2022 which was submitted online on the 29/9/2022 for the existing facility is enclosed as Annexure- 19.</p> <p>The Form-V will be put on the website of the company for the current expansion project once it is submitted after the project is commissioned and the production commences.</p>
vii	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Noted and agreed.
vii	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government	Noted and agreed.
ix)	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Noted and agreed. We will abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during the presentation to the Expert Appraisal Committee.
x)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Noted and agreed.
xi)	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted and agreed
xii	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted and agreed

<p>xii</p>	<p>The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.</p>	<p>Noted for information and agreed.</p>
<p>xiv</p>	<p>The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.</p>	<p>Noted and agreed</p>
<p>xv</p>	<p>The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention &Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.</p>	<p>The valid public liability insurance policy for the existing facility is enclosed as Annexure-26</p>
<p>xvi</p>	<p>Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.</p>	<p>Noted for information.</p>

List of Annexures

Annexure No.	Title of Annexure
1	Breakup of the project area
2	Break up of environmental management cost
3	Photographs of the ongoing construction
4	Photographs of the safety measures adopted for the existing factory
5	Water permission from MIDC
6	Photographs of the rainwater harvesting for the existing factory
7	Photographs of the green belt
8.	CER plan
9.	Organogram of the Environmental Management Cell
10.	Ambient air quality monitoring reports
11.	Consent to Establish (CTE)
12.	Valid Consent to Operate (CTO) for the existing facility
13.	Valid CHWTSDF certificate
14.	Workplace / Fugitive emissions monitoring report.
15	Noise monitoring reports
16	EHS Policy
17	Stack monitoring reports
18	Form –V submitted online for the existing facility
19.	Soil Reports
20.	Results of existing ETP effluent
21.	Results of the drinking water within the factory premises.
22.	Results of the domestic effluent from the STP
23	Housekeeping records and photos
24.	Email transmittal of the earlier compliance to R.O, MoEF, Regional Directorate CPCB, SRO MPCB and R.O MPCB
25.	Photographs of the facilities of the construction labourers
26	PLI copy for the existing facility
27	Mock drill report along with photographs

Annexure – 1

Break up of the project area

Breakup of the project area

Area details	Existing (sq.m)	Proposed (sq.m)	Total (sq.m)
Total Plot Area	33350	0	33350
Built up area	7801.16	950.55	8751. 71
Parking area	1240	2096	3336
Green belt / area	3340	7679	11019

Annexure –2

Breakup of the environmental management cost



BENZO CHEM INDUSTRIES PRIVATE LIMITED

Works : B-26, 27 & 14, 15 M.I.D.C. Area,
DASARKHED, MALKAPUR - 443 101,
DIST. BULDHANA,
Phone. : (07267)262245, 262391.
Fax : (07267) 262341.
E-mail :- bcipmlk@rediffmail.com,

Registered Office : Plot No. 26/28 A,
Cawasji Patel Street,
Fort, Mumbai - 400 001,
Phone No. : (022) 43555888 Fax No. 022-24320924
Corporate Identity No. U24100MH1986PTC041751
E-mail : info@benzochemco.in, Website : www.bcipi.com

Capital & Recurring Budget Spent on Environmental Parameters For the Period Apr-2022 To Sept-2022

Sr. No.	Component	Capital Expenses (INR Lakh)	Recurring Expenses (INR Lakh)
1	Air	12.30	1.15
2	Water	170	29.5
3	Noise	0.95	0.27
4	Solid Waste Management	16	4
5	Green Belt Area	3.65	2.1
6	Rain Water Harvesting	11	0.8
7	Environmental Monitoring & Management	18	7
	Total	231.9	44.82

For Benzo Chem Industries Pvt. Ltd.


Authorized Signatory



[An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified]

Annexure – 3

Photographs of the ongoing construction

Ongoing Erection & Pre-commissioning Trial Photos



Ongoing Erection & Pre-commissioning Trial Photos



Ongoing Erection & Pre-commissioning Trial Photos



Ongoing Erection & Pre-commissioning Trial Photos



Filter Press



Coagulant Dosing Tank

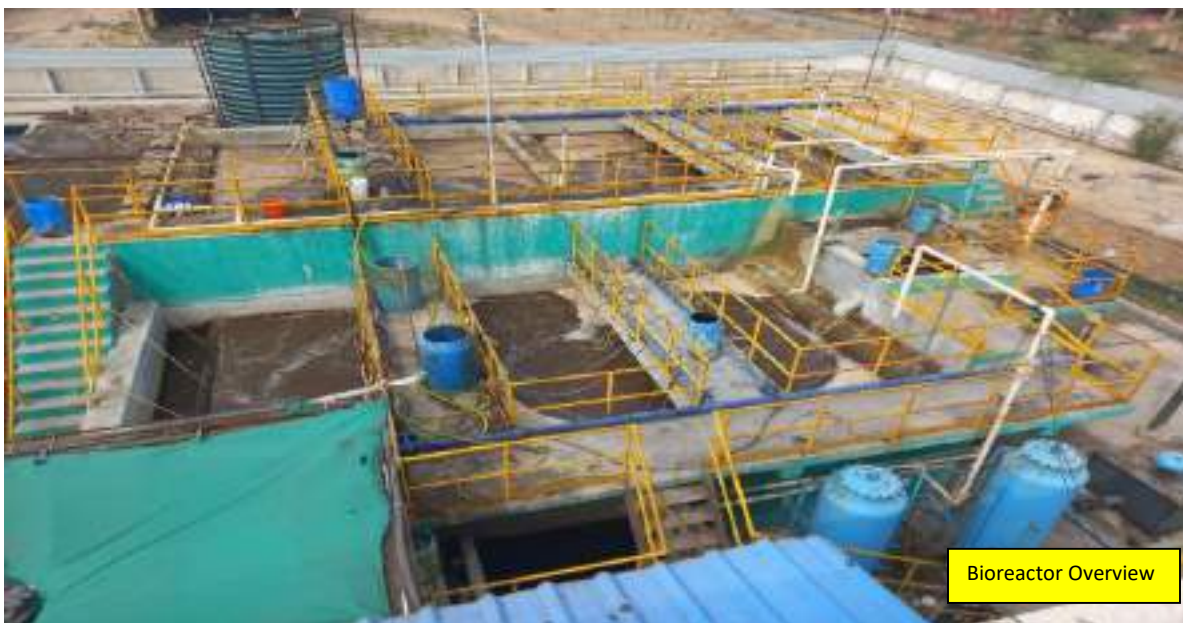


Screw Press

Ongoing Erection & Pre-commissioning Trial Photos



Ongoing Erection & Pre-commissioning Trial Photos



Ongoing Erection & Pre-commissioning Trial Photos



ETP Lab & Electric Panel Room



Equalization Tanks



Sludge Drying Beds



PSF & ACF



ETP Lab

Ongoing Erection & Pre-commissioning Trial Photos



Ongoing Erection & Pre-commissioning Trial Photos



Annexure – 4

Photographs of the safety measures adopted for the existing factory

Mobile-94222-96019

E-MAIL-nikitech008@gmail.com

Thane-022-56074155

NIKI TECHNO ASSOCIATES

Office-91, Shivpratap Colony, Tulshiram Nagar ,Deopur, Dhule

Group of Technocrates- Competent Person for Testing Of Pressure Vessels, Lifting Tackles, Drawing & Approval Of Plans, Calibration Of Storage Tanks, Stability Certificate , Safety Audit, On Site Emergency Plan, Hazop Study Etc.

Date-21.05.2021

TO WHOMSOEVER IT MAY CONCERN

I will like to inform you that we have conducted External Safety Audit for

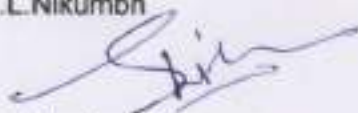
M/s BENZOCEM INDUSTRIES PVT.LTD.

PLOT NO. B-26, B-27, B-14, B-15, MIDC AREA DASERKHEDA

TAL MALKAPUR, DIST-BULDHANA

SR NO.	NAME OF WORK	WORK ORDER NO.	Date of Audit
1	External Safety Audit as per Maharashtra Factories Rule 2014 & IS-14489-2018	Job Work Order No.: BCIPL/MLK/EHS/2020-21 Work Order Dt.: 19.03.2021	20.05.2021

S.L.Nikumbh


(Safety Auditor)

Mr.S.L.Nikumbh
(Safety Auditor)
Govt.License No N-002/18
Validity-03/11/2020 To 02/11/2022

Photographs of Safety Measures Installed



Ammonia Detector



Automatic Fire Sprinklers



Fire Hydrant System

Fire Hydrant System Panel



Photographs of Safety Measures Installed



Fire Extinguisher Stand &
Fire Hydrant Foam Nozzle at
Solvent Storage Tank Area



Water Sprinkler System &
Smoke Detector



Flame Arrester
Installed on Tank

Photographs of Safety Measures Installed

Emergency Siren



Flame Arrester



Chlorine Detector

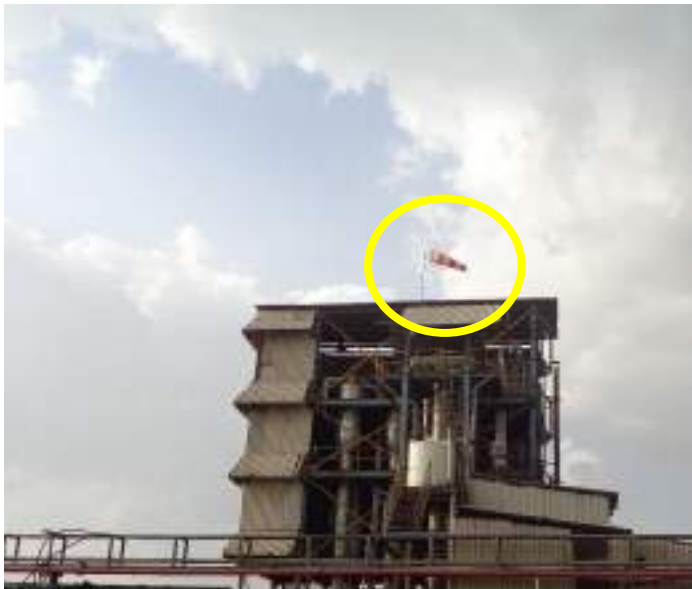
Photographs of Safety Measures Installed



Safety Practices



Emergency Siren
Push Button



Wind Soak

SCBA



Annexure – 5

Water permission from MIDC

Maharashtra Industrial Development Corporation
(A Government of Maharashtra Undertaking)

No/EE/DB/AKL/A-18861/2019
Date : 14/01/2019

Office of the Executive Engineer
M.I.D.C. Division, Phase-II Akola
☎ (0724) 2258057, Fax 2258287
E - Mail : eeakola@midcindia.org

To,
HR & Admin Executive
M/s. Benzo Chem Industries Private Limited.
Plot No. B-26,27 & B-14,15
In M.I.D.C. Area, Malkapur Industrial Area
Dist. Buldhana

**Sub : Providing 390 Cubic meter Per day water supply to
M/s. Benzo Chem Industries Pvt. Ltd., Plot No. B-26,27 &
B-14,15 Malkapur Industrial Area, Dasarkhed, Malkapur,
Dist. Buldhana.**

Ref : Your Letter Dtd.03/01/2019

Sir,

With reference to your letter, it is to inform that M.I.D.C. is having industrial water reservation in Hatnoor Dam, & has also established water treatment plant of 8000 Cum./ day capacity for Malkapur Industrial Area. At present the water requirement of Malkapur Industrial Area is about 700 to 800 Cum./day. Therefore M.I.D.C. can supply water at 390 Cum. per day to M/s. Benzo Chem Industries Private Limited, Malkapur as per your requirement, from M.I.D.C.'s jackwell at Village Waghoda on upstream of Hatnoor Dam.

Thanking you !

Yours faithfully

R. Bansod
Executive Engineer 14.1.19
M.I.D.C. Division, Akola

Copy to Deputy Engineer, M.I.D.C. Sub-division, Khamgaon for information./
Copy to Guard file.

Annexure –6

Photographs of the rainwater harvesting for the existing factory

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
Email: 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.0000089344/CE -21 07 00 16 16

Date: 30/07/2021

To,
M/s. Benzo Chem Industries Pvt. Ltd.,
Plot No:- B- 26, 27 & 14,15, M.I.D.C. Area,
Dasarkhed Tal:- Malkapur, Dist:- Buldhana.



Your Service is Our Duty

Sub: Grant of Consent to establish for expansion under RED/LSI Category.

- Ref:**
1. Consent to Operate granted by Board vide No. Format 1.0/BO/AST/EIC No-AM-6693-15/Amravati/R/CC-05404 dtd. 26.04.2016 which is valid upto 30.09.2021
 2. Environment Clearance obtained from MoEF&CC vide F. NO-J-11011/175/2019-IA-II(I) dtd. 10.11.2020
 3. Your application No.MPCB-CONSENT-0000089344 Dated 19.02.2020

Your application No.MPCB-CONSENT-0000089344 Dated 19.02.2020

For: grant of Consent to Establish under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The consent to establish is granted for a period up to commissioning of the unit or up to 5 year whichever is earlier.**
2. **The capital investment of the project is Rs.12.00 Crs. (As per C.A Certificate submitted by industry Existing CI is-Rs. 16.22 Crs + Expansion in C.I. - Rs. 12.0 Crs)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
Agro Intermediates			
1	i) 2,5 Di Methyl Phenyl Acetyl Chloride	102	MT/M
	ii) 2, 4 Di Chloro Benzaldehyde		
	iii) Ortho Chloro Phenyl Acetic Acid		
	iv) 2, 4, 6 Tri Methyl Phenyl Acetyl Chloride		
	v) Para Chloro Phenyl Acetic Acid		
	vi) 2, 4 Di Chloro Phenyl Acetic Acid		

Sr No	Product	Maximum Quantity	UOM
1	vii) Para Chloro Benzyl Cyanide		
	viii) 2, 4 Di Chloro Phenyl Acetyl Chloride		
	ix) Para Chloro Benzo Tri Chloride		
	x) Para Chloro Benzyl Chloride		
	xi) Ortho Methyl Benzyl Chloride		
	xii) 2, 5 Di Methyl Phenyl Acetic Acid		
	xiii) Isopropyl (4-Chlorophenyl) acetyl chloride (CPIC)		
	ivx) 1- Naphthyl Acetonitrile		
	xv) a, a, a', a' Tetra Chloro Ortho Xylene		
	xvi) Para Chloro a-isopropyl Phenyl Acetic Acid (CPIA)		
	xvii) Para Chloro Benzyl Cyanide 75% Solution in N-Butyl Acetate		
	Pharmaceutical Intermediates		
2	i) Para Chloro Benzaldehyde	60	MT/M
	ii) Meta Chloro Benzyl Chloride		
	iii) Meta Chloro Benzyl Cyanide		
	iv) Meta Chloro Phenyl Acetic Acid		
	v) Meta Chloro Benzaldehyde		
	vi) 2, 4 Di Chloro Benzyl Cyanide		
	vii) 2, 4 Di Chloro Benzyl Chloride		
	viii) Ortho Methyl Benzyl Cyanide		
	ix) Ortho Methyl Phenyl Acetic Acid		
	x) Ortho Chloro Benzyl Chloride		
	xi) Ortho Chloro Benzyl Cyanide		
	xii) Ortho Chloro Benzaldehyde		
	xiii) Methyl 2- Chloro Phenyl Acetate		
	xiv) 2-Phenyl Acetyl Chloride		
	xv) 2-Bromo Benzyl Cyanide		
	xvi) 4- Bromo Benzyl Cyanide		
	xvii) 3, 4 Di Chloro Benzyl Cyanide		
	xviii) Para Methyl Benzyl Chloride		
	xix) Para Methyl Benzyl Cyanide		
	xx) Para Methyl Phenyl Acetic Acid		
Speciality Chemical Intermediate			
3	i) Benzaldehyde 2, 4 Di Sulphonic Acid Di Sodium Salt (Powder)	10	MT/M
	ii) Benzaldehyde 2, 4 Di Sulphonic Acid Di Sodium Salt (Liquid)		
	iii) Benzaldehyde Ortho Sulphonic Acid Sodium Salt		
	iv) Ortho Anisoyl Chloride 75% Solution in Ethylene Dichloride		

Sr No	Product	Maximum Quantity	UOM
3	v) aa Di Chloro Para Xylene		
	vi) Para Hydroxy Benzaldehyde		

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

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	59.7	As per Schedule-I	Recycle 100% to achieve ZLD
2.	Domestic effluent	10.00	As per Schedule-I	Soaked in soak pit

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

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S-1	Boiler-I (6 TPH)	1	As per Schedule -II
2	S-1	Thermic Fluid Heater (6 Lac Kcal/hr)	1	As per Schedule -II
3	S-2	Boiler-II (10 TPH)	1	As per Schedule -II
4	S-2	Thermic Fluid Heater (6 Lac Kcal/hr)	1	As per Schedule -II
5	S-3	Thermic Fluid Heater (2 Lac Kcal/hr)	1	As per Schedule -II
6	S-4	D. G. Set (1000 kVA)	1	As per Schedule -II
7	S-5	Process Stack-I	1	As per Schedule -II
8	S-6	Process Stack-II	1	As per Schedule -II
9	S-7	Process Stack-III	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Coal Ash	252.46	MT/M	Sale	Sale to Brick Manufacturer

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

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	0.02	MT/M	Recycle	Sale to authorised party / CHWTSDF
2	20.2 Spent solvents	3.0	MT/M	Recycle*	Sale to authorised party / CHWTSDF
3	20.3 Distillation residues	18.0	MT/M	Incineration	CHWTSDF
4	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	1.0	MT/M	Incineration	CHWTSDF

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
5	33.2 Contaminated cotton rags or other cleaning materials	0.01	MT/M	Incineration	CHWTSDF
6	35.3 Chemical sludge from waste water treatment	3.0	MT/M	Landfill	CHWTSDF
7	37.3 Concentration or evaporation residues	70.0	MT/M	Landfill	CHWTSDF
8	28.1 Process Residue and wastes (Hydrochloric Acid)	70.0	MT/M	Recycle*	Sale to authorised party / CHWTSDF
9	28.1 Process Residue and wastes (Sodium Chloride)	30.0	MT/M	Recycle*	Sale to authorised party / CHWTSDF
10	28.1 Process Residue and wastes (Hydrobromic Acid)	3.0	MT/M	Recycle*	Sale to authorised party / CHWTSDF
11	28.1 Process Residue and wastes (Sodium Sulphite)	20.0	MT/M	Recycle*	Sale to authorised party / CHWTSDF
12	28.1 Process Residue and wastes (Ammonium Sulphate)	5.0	MT/M	Recycle*	Sale to authorised party / CHWTSDF
13	28.1 Process Residue and wastes (Sodium Bromide)	3.0	MT/M	Recycle*	Sale to authorised party / CHWTSDF
14	28.1 Process Residue and wastes (Mixed Solvents)	1.0	MT/M	Recycle*	Sale to authorised party / CHWTSDF
15	28.1 Process Residue and wastes (Ammonia)	40.0	MT/M	Recycle*	Sale to authorised party / CHWTSDF

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

8. Conditions under Batteries (Management & Handling) Rules, 2001:

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	Lead Acid Batteries from DG Set and UPS	30.00	Nos./Y	Sale to MPCB approved Battery recyclers

Specific Conditions for used Batteries:

- i. The applicant shall ensure that used batteries are not disposed of in any manner other than by depositing with the authorized dealer/ manufacturer/ registered recycler/ importer/ re-conditioner or at the designated collection center.
- ii. The applicant shall file half-yearly return in Form VIII to the M.P.C. Board.
- iii. Bulk consumers to their user units may auction used batteries to registered recyclers only.

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

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	ITEW-2 Personnel Computer (Central Processing units with input and output devices)	3.33	Kg/M	Sale to MPCB authorized recycler
2	ITEW-3 Personnel Computing Laptop Computers (Central Processing units with input and output devices)	1.67	Kg/M	Sale to MPCB authorized recycler
3	ITEW-6 Printer including cartage	1.67	Kg/M	Sale to MPCB authorized recycler
4	ITEW-12 Telephone	0.42	Kg/M	Sale to MPCB authorized recycler

10. **Treatment and Disposal of Biomedical Waste generated to CBMWTSDF:**

Sr.No	Category	Type of Waste	Quantity not to exceed (Kg/M)	Segregation Color coding	Treatment & Disposal
1	Yellow	a) Soiled Waste	0.67	Yellow colored non-chlorinated plastic bags or containers	CBMWTSDF
		b) Expired or Discarded Medicines	0.50		

11. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
12. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
13. The industry shall obtain necessary permission from the Directorate of Industrial Safety and Health (DISH).
14. Industry shall comply with the Environment Clearance granted by MoEF&CC vide F. NO-J- 11011/175/2019-IA-II(I) dtd. 10.11.2020
15. 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.
16. 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 an keep proper manifest thereof.
17. Industry shall install online continuous monitoring system for ensuring ZLD and stack emission as per CPCB guidelines & data to be transmitted directly from Data Logger to Board server .
18. This consent is issued as per the Office Order for Consent Management of the Board No. 12/2020 dtd. 23.12.2020.

19. This consent is issued as per the Office Order for Consent Management of the Board No. 12/2020 dtd. 23.12.2020.

For and on behalf of the
Maharashtra Pollution Control Board.


(P.K.Mirashe)

Assistant Secretary (Tech.)

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	50000.00	TXN2002001992	20/02/2020	Online Payment

Copy to:

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



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A) As per your application, you have proposed to segregate trade effluent into weak stream & strong stream and provide Effluent Treatment Plant (ETP) comprising of:
 - i) **Strong COD/TDS stream of 15.00 CMD** - - Treatment system comprising of Primary (Collection tank, Neutralization tank, Equalization tank), Stripper followed by Agitated Thin Film Dryer (ATFD).
 - ii) **Weak COD/TDS stream of 44.7 CMD** -- Treatment system comprising of Primary (Collection tank, Neutralization tank, Equalization tank, Primary Clarifier/Primary Settling Tank), Secondary (Activated sludge process, Followed by Secondary Clarifier), Tertiary (Pressure sand filter, Activated carbon filter), Advance treatment (Reverse osmosis), the RO-permeate (64.0 CMD) is reuse into the process and RO-reject is send to the Sludge treatment (Filter press) with design capacity of 200 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 install online monitoring system i.e. IP Camera and flow meter to ensure the Zero Liquid Discharge and it connectivity to the MPCB server. Industry shall also install separate energy meter to the pollution control devices.

2. A) As per your application, you have provided Septic Tank followed by Soak pit for the treatment of 10.00 CMD of sewage.
- B) The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

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

- C) The treated sewage shall be soaked in soak pit and overflow if any shall be discharged on land for gardening within premise after confirming above standards.
3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
 4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.

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

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	321.10
2.	Domestic purpose	12.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	36.80
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	55.00

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

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

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

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	Boiler	Multi Cyclone	30.50	Coal /Agro Waste 20.30 MT/Day	0.5	TPM	115.0 Mg/Nm ³
						SO2	203.0 Kg/Day
S-1	Thermic Fluid Heater	Multi Cyclone	30.50	Coal /Agro Waste 3.6 MT/Day	0.5	TPM	115.0 Mg/Nm ³
						SO2	36.0 Kg/Day
S-2	Boiler	Multi Cyclone	30.50	Coal /Agro Waste 26.40 MT/Day	0.5	TPM	115.0 Mg/Nm ³
						SO2	264.0 Kg/Day
S-2	Thermic Fluid Heater	Multi Cyclone	30.50	Coal /Agro Waste 3.6 MT/Day	0.5	TPM	115.0 Mg/Nm ³
						SO2	36.0 Kg/Day
S-3	Thermic Fluid Heater	Stack	30.50	LSHS 0.55 MT/Day	1.0	TPM	150.0 Mg/Nm ³
						SO2	11.0 Kg/Day

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-4	DG Set	Acoustic Enclosure	12.00	HSD 194.0 Ltr/Hr	1.0	TPM	150.0 Mg/Nm ³
						SO ₂	93.12 Kg/Day
S-5	Process Stack-I	Scrubber	12.00	-	-	Acid Mist	35.0 Mg/Nm ³
S-6	Process Stack-II	Scrubber	12.00	-	-	NH ₃	50.0 Mg/Nm ³
S-7	Process Stack-III	Scrubber	12.00	-	-	Bromine	3.0 PPM

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
5. 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:

Sr. No	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Consent to Establish	Rs. 5.0/- Lakh	Within 15 days	Towards compliance of consent conditions Towards compliance of consent conditions	30.06.2026	30.10.2026

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

BG Forfeiture History

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

BG Return details

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

SCHEDULE-IV
General Conditions:

- Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that e-waste generated by them is channelised through collection centre or dealer of authorised producer or dismantler or recycler or through the designated take back service provider of the producer to authorised dismantler or recycler
- Bulk consumers of electrical and electronic equipment listed in Schedule I shall maintain records of e-waste generated by them in Form-2 and make such records available for scrutiny by the concerned State Pollution Control Board
- Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that such end-of-life electrical and electronic equipment are not admixed with e-waste containing radioactive material as covered under the provisions of the Atomic Energy Act, 1962 (33 of 1962) and rules made there under;
- Bulk consumers of electrical and electronic equipment listed in Schedule I shall file annual returns in Form-3, to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates. In case of the bulk consumer with multiple offices in a State, one annual return combining information from all the offices shall be filed to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates.
- The Energy source for lighting purpose shall preferably be LED based
- 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).
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.

For and on behalf of the
Maharashtra Pollution Control Board.



P.K. Mirashe
P.K. Mirashe

(P.K.Mirashe)
Assistant Secretary (Tech.)

Rain Water Harvesting Photographs



Rain Water Harvesting Photographs



Rain Water Harvesting Area = 338 m²

Annexure – 7

Photographs of the green belt

Green Belt Area Photographs

Plantation done during Apr. 2022 - Sept. 2022 = 460 No.

Survival Rate of Sapling = 87 %

Green Belt Area Photographs



Annexure – 8

CER plan



BENZO CHEM INDUSTRIES PRIVATE LIMITED

Works: B-26, 27 & 14, 15 M.I.D.C. Area,,
DASARKHED .MALKAPUR - 443 101.
DIST. BULDHANA,
Phone. :(07267)262245, 262391.
Fax :(07267)262341.
E-mail:- bcipmlk@rediffmail.com

Registered Office:
Plot No 26/28 A, Cawasji Patel Street,
Fort, Mumbai - 400 001.
Phone No. : (022) 43555888 Fax No. 022-24320924
Corporate Identity No. U24100MH1986PTC041751
Email :- info@benzochem.co.in, Website: www.bcipl.com

TO WHOMSOEVER IT MAY CONCERN

Action Plan for CER Funds

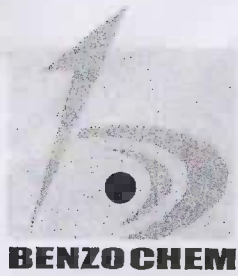
Sr. No.	School Name	Activities Identified	Amount (INR)	Year of Implementation
1	Z. P. School, Malkapur.	UF & Candle filter unit for drinking water - 200 LPH capacity (3 Nos.) including ancillary equipment	1,80,000	Year-1 (2020-21)
		Computer set - 8 No.	2,40,000	Year-2 (2021-22)
		3300 Lumens DLP Projector Set - 2 Nos.	60,000	Year-1 (2020-21)
		Electric sewing machine for skill development purpose - 4 Nos.	22,000	Year-1 (2020-21)
2	Z. P. School, Bhalegaon	Funds for infrastructure development such as toilet repairing, Internet facilities, classroom maintenance etc.	1,50,000	Year-3 (2022-23)
		UF & Candle filter unit for drinking water - 2 No. 200 LPH capacity including ancillary equipment	1,20,000	Year-1 (2020-21)
		Infrastructure for storage tank for water	10,000	Year-1 (2020-21)
		Computer Set - 4 Nos.	1,20,000	Year-2 (2021-22)
3	Z. P. School, Wiwara	Funds for infrastructure development such as toilet repairing, Internet facilities, classroom maintenance etc.	50,000	Year-3 (2022-23)
		Computer Set - 4 Nos.	1,20,000	Year-2 (2021-22)
		DLP 3300 Lumens Projector Set - 2 Nos.	60,000	Year-1 (2020-21)
4	Overhead / contingency costs etc.	18,000	-	
Total			12,00,000	-

For Benzo Chem Ind. Pvt. Ltd.


Authorized Signatory



[An ISO 9001, 14001 & 45001 Certified Unit]



BENZO CHEM INDUSTRIES PRIVATE LIMITED

Works : B-26, 27 & 14, 15 M.I.D.C. Area,
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Registered Office : Plot No. 26/28 A,
Cawasji Patel Street,
Fort, Mumbai - 400 001.
Phone No. : (022) 43555888 Fax No. 022-24320924
Corporate Identity No. U24100MH1986PTC041751
E-mail : info@benzochemco.in. Website : www.bcipl.com

To,
The District Collector,
District Collector Office,
Buldhana. (Maharashtra)

Date: 22.11.2022

Subject: Submission of CER against to obtained Environmental Clearance From Ministry of Environment & Forest (MoEF) Delhi.

Reference:

1. Environmental Impact Assessment Report carried out in June-2020 for Expansion in Manufacturing Capacity in Existing Pharmaceutical, Specialty and Agrochemical Intermediates of M/s. Benzo Chem Industries Pvt. Ltd. located at Plot No. B-26, 27 & B-14,15, MIDC Area, Dasarkhed, Taluka- Malkapur, District- Buldhana, State-Maharashtra, India.
2. Environmental Clearance obtained on 10.11.2020 from Ministry of Environment, Forest and Climate Change (Impact Assessment Division) New Delhi.

Dear Sir,

We have approached to Ministry of Environment, Forest and Climate Change (Impact Assessment Division) New Delhi for obtaining Environmental Clearance for Expansion of our Manufacturing Capacity in Existing Pharmaceutical, Specialty and Agrochemical Intermediates of M/s. Benzo Chem Industries Pvt. Ltd. located at Plot No. B-26, 27 & B-14,15, MIDC Area, Dasarkhed, Taluka- Malkapur, District- Buldhana, State- Maharashtra, India.

In this regard we have did Environmental Impact Assessment in June-2020 and we had committed CER (Corporate Environmental Responsibility) 1 % with respect to the capital cost of expansion. Due to COVID we would not able to perform CER in allocated locations and hence we had done CER on other health requirement due to COVID.

Herewith please find below details of Committed CER Vs Actual CER done for the year 2020-2021, 2021-2022 & 2022-2023.

COMMITTED CER FOR THE YEAR 2020-21				ACTUAL PERFORMED CER IN 2020-21			
Sr. No.	Particular	Location	Amount	Sr. No.	Particular	Location	Amount
1.	UF & Candle filter unit for drinking water – 200 LPH capacity (3 Nos.) including ancillary equipment	Z. P. School, Malkapur.	1,80,000				
2.	3300 Lumens DLP Projector Set – 2 Nos		60,000				

25/11/2022
आवक लिपिक
जिल्हाधिकारी कार्यालय
बुलडाणा.

TUV NORD



Page 1 | 4

ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified]



BENZO CHEM INDUSTRIES PRIVATE LIMITED

Works : B-26, 27 & 14, 15 M.I.D.C. Area,
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Phone No. : (022) 43555888 Fax No. 022-24320924
Corporate Identity No. U24100MH1986PTC041751
E-mail : info@benzochemco.in Website : www.bcipl.com

COMMITTED CER FOR THE YEAR 2020-21				ACTUAL PERFORMED CER IN 2020-21			
Sr. No.	Particular	Location	Amount	Sr. No.	Particular	Location	Amount
3.	Electric sewing machine for skill development purpose – 4 Nos.	Z. P. School, Malkapur.	22,000				
4.	UF & Candle filter unit for drinking water – 2 No. 200 LPH capacity including ancillary equipment	Z. P. School, Bhalegaon	1,20,000				
5.	Infrastructure for storage tank for water		10,000				
6.	DLP 3300 Lumens Projector Set – 2 Nos.	Z. P. School, Wiwara	60,000				
Sub-Total – 1 =			4,52,000				
COMMITTED CER FOR THE YEAR 2021-22				ACTUAL PERFORMED CER IN 2021-22			
Sr. No.	Particular	Location	Amount	Sr. No.	Particular	Location	Amount
7.	Computer set – 8 No.	Z. P. School, Malkapur.	2,40,000	1.	Oxygen Generation Plant	Late. Madanlalji -Kisanlalji Sancheti Seva Samiti, Malkapur.	11,50,000
8.	Computer Set – 4 Nos.	Z. P. School, Bhalegaon	1,20,000				
9.	Computer Set – 4 Nos.	Z. P. School, Wiwara	1,20,000				
Sub-Total – 2 =			4,80,000	Sub-Total – 1 =			11,50,000



BENZO CHEM INDUSTRIES PRIVATE LIMITED

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 E-mail : info@benzochemco.in. Website : www.bcipl.com

COMMITTED CER FOR THE YEAR 2022-23				ACTUAL PERFORMED CER IN 2022-23			
Sr. No.	Particular	Location	Amount	Sr. No.	Particular	Location	Amount
10.	Funds for infrastructure development such as toilet repairing, Internet facilities, classroom maintenance etc.	Z. P. School, Malkapur.	1,50,000	2.	To built Kitchen Room in Ashram School	Late. Madanlalji -Kisanlalji Sancheti Seva Samiti, Malkapur.	5,00,000
11.	Funds for infrastructure development such as toilet repairing, Internet facilities, classroom maintenance etc.	Z. P. School, Bhalegaon	50,000				
12.	Funds for infrastructure development such as toilet repairing, Internet facilities, classroom maintenance etc.	Z. P. School, Wiwara	50,000				
13.	Overhead / Contingency Cost etc.	-	18,000				
Sub-Total - 3 =			2,68,000	Sub-Total - 2 =			5,00,000
Grand Total =			12,00,000	Grand Total =			16,50,000



BENZO CHEM INDUSTRIES PRIVATE LIMITED


Works : B-26, 27 & 14, 15 M.I.D.C. Area,
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Phone No. : (022) 43555888 Fax No. 022-24320924
Corporate Identity No. U24100MH1986PTC041751
E-mail : info@benzochemco.in Website : www.bcipl.com

In view of above you are requested to consider our submission of CER for the year 2020-2021, 2021-2022 & 2022-2023.

Thanking you,

For Benzo Chem Industries Pvt Ltd

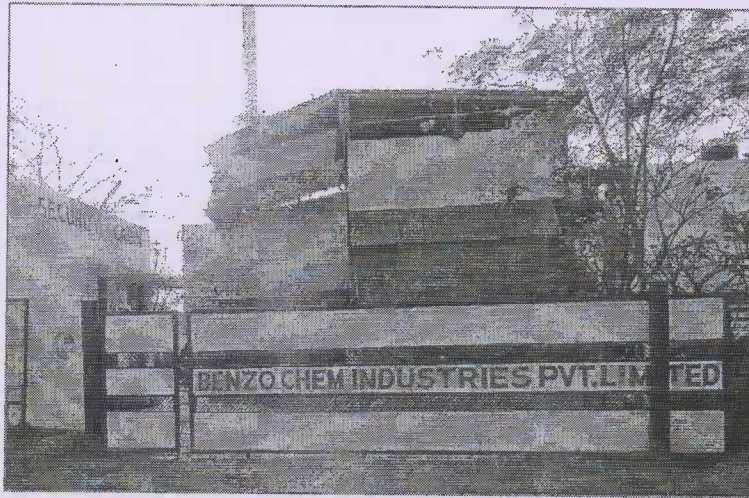

Authorized signatory



ENCL:

1. EIA Report Copy
2. Environmental Clearance Copy
3. Evidence Detail – Receipt & Acknowledgement Letter

EIA Report
for
**“Expansion in Manufacturing Capacity of
Pharmaceutical, Specialty and Agrochemical
Intermediates”**
of
M/s. Benzo Chem Industries Pvt. Ltd.



Plot No. B-26,27 & B-14,15 MIDC Area, Dasarkhed,
Malkapur. Tal. Malkapur, Dist. Buldhana, Pin - 443101.

EIA Consultant:

M/S. SADEKAR ENVIRO ENGINEERS PVT. LTD.



QCI-NABET Accredited EIA Consultancy for Schedule 5 (f) & 5(b) Cat 'A'.
Certificate No - NABET/EIA/1821/RA 0121 valid upto 16/10/2021

NABL Accredited Laboratory, Valid up to 30.06.2020

Lab. Recognized by MoEF & CC, GOI, Valid up to 25.02.2023

Certified by ISO 9001:2015 & BS OHSAS 45001:2018



Plot No. A-95, Road No. 16, Kisan Nagar Road, MIDC Wagle Industrial Area, Thane,
India PIN: 400604.

Email: prs@sadekarenviro.com



Web site:- www.sadekarenviro.com Telephone: 022-25833321/22/23/24

Baseline monitoring period: 'March to May 2019' & 'February to 15th March 2020'

Project Schedule: 5(f) & 5(b) - Category 'A'

EIA Submission: June 2020

0.6.1 INTERPRETATION



Figure 0.6: Chlorine MCLS Google Image

A Quantitative Risk Assessment based on the software ALOHA – Aerial Locations of Hazardous Atmospheres was carried out. The criteria failure scenarios considered for ALOHA, depend on the type of storage whether above ground/ underground, physical state of the chemical stored, chemical properties of the chemical. It was performed for chemicals namely –HCL, Toulene, Thionyl Chloride, Methanol & P-Xylene & chlorine which are stored in aboveground tanks & cylinders. Based

on the unsafe distances identified by the ALOHA software output, the MCLS (maximum credible loss scenario) for the factory works out to be about **3.2 km for Chlorine**. The scenario considered for assessing the impact by quantitative risk assessment was taken from standard guideline. The probability of occurrence of the scenario is $5 \times 10^{-6} \text{ y}^{-1}$ which is very less. The Disaster management plan highlights the suggestive measures to be taken during the occurrence of such an accident.

According to the Dow Index the F & EI is calculated for the RM storage of chemicals which are flammable. According to results, **Azo bis Iso Butyro Nitrile** indicates **Intermediate** degree of hazard. Rest of raw materials have **Moderate** degree of hazard. Also for fuel storage (LSHS & HSD) the Dow Index is calculated & it is found that the degree of hazard is light.

The toxicity index is calculated for 8 Raw materials having toxicity health hazard (Nh) value to be 3 or more than 3 as per NFPA rating, all the RM in storage indicate moderate degree of hazard but among them **Para Formaldehyde (96%)** indicates highest toxicity index which also comes under **Moderate** degree of hazard. To reduce the intensity of the hazard suitable recommendation and suggestion shall be followed.

0.7 CER ACTIVITY

Table 0.3 : Action Plan to Implement CER

Sr. No.	School Name	Activities Identified	Amount (INR)	Year of Implementation
1	Z. P. School,	UF & Candle filter unit for drinking water – 200 LPH capacity (3 Nos.) including ancillary equipment	1,80,000	Year-1 (2020-21)

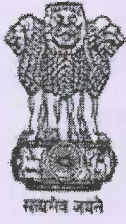


	Malkapur.	Computer set – 8 No.	2,40,000	Year-2 (2021-22)
		3300 Lumens DLP Projector Set – 2 Nos.	60,000	Year-1 (2020-21)
		Electric sewing machine for skill development purpose – 4 Nos.	22,000	Year-1 (2020-21)
		Funds for infrastructure development such as toilet repairing, Internet facilities, classroom maintenance etc.	1,50,000	Year-3 (2022-23)
2	Z. P. School, Bhalegaon	UF & Candle filter unit for drinking water – 2 No. 200 LPH capacity including ancillary equipment	1,20,000	Year-1 (2020-21)
		Infrastructure for storage tank for water	10,000	Year-1 (2020-21)
		Computer Set – 4 Nos.	1,20,000	Year-2 (2021-22)
		Funds for infrastructure development such as toilet repairing, Internet facilities, classroom maintenance etc.	50,000	Year-3 (2022-23)
3	Z. P. School, Wiwara	Computer Set – 4 Nos.	1,20,000	Year-2 (2021-22)
		DLP 3300 Lumens Projector Set – 2 Nos.	60,000	Year-1 (2020-21)
		Funds for infrastructure development such as toilet repairing, Internet facilities, classroom maintenance etc.	50,000	Year-3 (2022-23)
4	Overhead / contingency costs etc.		18,000	--
Total			12,00,000	--

0.8 OCCUPATIONAL HEALTH MEASURES

The objective of Occupational Health & Safety Management is to provide safe working environment to the employees of the company. Good occupational health management keeps workers physical conditions healthy or non-deteriorating in work environment which keeps the worker physically and psychologically sound. It results in

- High productivity
 - Improved work efficiency
 - Work satisfaction
 - Less medical expenses toward employees thereby less recurring cost.
- The Occupational Health Center having two rooms each of 15 sq. m. is provided with smooth wall and floor surface, adequate illumination and ventilation. A full time factory medical officer is appointed with a nurse, a compounder and a ward boy. Also one qualified person on First Aid measures is always on duty. First aid box is provided in every department of the company.



सत्यमेव जयते

F.No.IA-J-11011/175/2019-IA-II(I)
Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

By Speed Post/Online

Indira Paryavaran Bhawan
Jorbagh Road, New Delhi - 110003

Dated: 10th November, 2020

To

M/s Benzo Chem Industries Pvt. Ltd.
Plot No. B-26,27 & B-14,15
Malkapur MIDC, Dasarkhed
District: Buldhana, Maharashtra-443 101

Email: zope@benzochem.co.in

Sub: Expansion of Pharmaceuticals, Speciality and Agrochemical intermediates manufacturing from 58 TPM to 230 TPM at Plot No. B-26,27 & B-14,15, Malkapur MIDC, Dasarkhed, Taluka Malkapur, District Buldhana, Maharashtra by M/s Benzo Chem Industries Pvt. Ltd. -Environmental Clearance - reg.

Sir,

This has reference to your proposal No.IA/MH/IND2/103300/2019 dated 10th June 2020, submitting the EIA/EMP report on the above subject matter.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal for environmental clearance to the project for Expansion of Pharmaceuticals, Speciality and Agrochemical intermediates manufacturing from 58 TPM to 230 TPM by M/s Benzo Chem Industries Pvt. Ltd. in an area of 33350 sqm located at Plot No. B-26, 27 & B-14,15, Malkapur MIDC, Dasarkhed, Taluka Malkapur, District Buldhana, Maharashtra.

3. The details of products and capacity are as under:

S. No.	Product	Existing (TPM)	Proposed (TPM)	Total (TPM)
1	<u>Agrochemical Intermediate:</u> Existing: (i). 2,5 Di Methyl Phenyl Acetyl Chloride, (ii). 2,4 Di Chloro Benzaldehyde, (iii). Ortho Chloro Phenyl Acetic Acid, (iv). 2,4,6 Tri Methyl Phenyl Acetyl Chloride, (v). Para Chloro Phenyl Acetic Acid, (vi). 2,4 Di Chloro Phenyl Acetic Acid, (vii). Para Chloro Benzyl Cyanide, (viii). 2,4 Di Chloro Phenyl Acetyl Chloride, (ix). Para Chloro Benzo Tri Chloride, (x). Para Chloro Benzyl Chloride, (xi). Ortho Methyl Benzyl Chloride, (xii). 2,5 Di Methyl Phenyl Acetic Acid	35	102	137

EC for by M/s Benzo Chem Industries Pvt. Ltd.

Page 1 of 9

	<p>Proposed:</p> <ul style="list-style-type: none"> (i). Isopropyl (4-Chlorophenyl) acetyl chloride (CPIC), (ii). 1-Naphthyl Acetonitrile, (iii). $\alpha,\alpha,\alpha',\alpha'$ Tetra Chloro Ortho Xylene (iv). Para Chloro α-isopropyl Phenyl Acetic Acid (CPIA) (v). Para Chloro Benzyl Cyanide 75% Solution in N-Butyl Acetate, 	---		
2	<p>Pharmaceutical Intermediates:</p> <p>Existing:</p> <ul style="list-style-type: none"> (i). Para Chloro Benzaldehyde, (ii). Meta Chloro Benzyl Chloride; (iii). Meta Chloro Benzyl Cyanide, (iv). Meta Chloro Phenyl Acetic Acid, (v). Meta Chloro Benzaldehyde, (vi). 2,4 Di Chloro Benzyl Cyanide; (vii). 2,4 Di Chloro Benzyl Chloride, (viii). Ortho Methyl Benzyl Cyanide, (ix). Ortho Methyl Phenyl Acetic Acid, (x). Ortho Chloro Benzyl Chloride, (xi). Ortho Chloro Benzyl Cyanide, (xii). Ortho Chloro Benzaldehyde, (xiii). Methyl 2-Chloro Phenyl Acetate 	20	60	80
	<p>Proposed:</p> <ul style="list-style-type: none"> (i). 2-Phenyl Acetyl Chloride, (ii). 2-Bromo Benzyl Cyanide, (iii). 4-Bromo Benzyl Cyanide (iv). 3,4 Di Chloro Benzyl Cyanide (v). Para Methyl Benzyl Chloride (vi). Para Methyl Benzyl Cyanide (vii). Para Methyl Phenyl Acetic Acid 	---		
3	<p>Speciality Chemical Intermediate:</p> <p>Existing:</p> <ul style="list-style-type: none"> (i). Benzaldehyde 2,4 Di Sulphonic Acid Di Sodium Salt (Powder), (ii). Benzaldehyde 2,4 Di Sulphonic Acid Di Sodium Salt (Liquid), (iii). Benzaldehyde Ortho Sulphonic Acid Sodium Salt 	3	10	13

	Proposed:			
	(i). Ortho Anisoyl Chloride 75% Solution in Ethylene Dichloride, (ii). α Di Chloro Para Xylene, (iii). Para Hydroxy Benzaldehyde			
	Total	58	172	230

4. The existing land area is 33350 sqm, which will cater to the proposed expansion. Industry has developed greenbelt in an area of 3340 sqm and will develop greenbelt area of 7679 sqm, totaling to 11019 sqm, covering 33% of total project area. The estimated project cost is Rs. 28.22 crores including existing investment of Rs. 16.22 crores. Total capital cost earmarked towards environmental pollution control measures is Rs. 5.35 crore and the recurring cost (operation and maintenance) will be about Rs. 1.09 crore per annum. The project will lead to employment for 242 persons after expansion. Industry proposes to allocate Rs. 12 lakhs towards Corporate Environmental Responsibility (CER).

5. There are nonational parks, wildlife sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc. within 10 km from the project site. Purna river flows at a distance of 4.24 km in North direction.

6. Total water requirement is estimated to be 424.9 cum/day, which includes fresh water requirement of 220.9 cum/day, proposed to be met from Malkapur MIDC water supply. Effluent of 69.7 cum/day will be treated through ETP, ME \ddot{E} , Stripper & RO; 64 cum/day will be reused. There will be no discharge of treated/untreated waste water from the unit, and thus ensuring Zero Liquid Discharge.

Power requirement after expansion will be 1000 KVA and will be met from Maharashtra State Electricity Distribution Company Limited (MSEDCL). Existing unit has 1 DG set of 380 KVA capacity which will be replaced & DG set of 1000 KVA will be set up and to be used as standby during power failure after expansion. Stack of height 7.0 m will be provided as per CPCB norms to the proposed DG sets.

Existing unit has 6 TPH Coal/Agro waste fired boiler & 6 Lakh Kilo Calorie/Hr Thermic Fluid Heater. Additionally, 10 TPH Coal/Agro waste fired boiler & 6 Lakh Kilo Calorie/Hr Coal/Agro waste fired & 2 Lakh Kilo Calorie/Hr LSHS fired Thermic Fluid Heaters will be installed. Multi cyclone separator & bag filter with a stack of height of 30.5 m will be installed for controlling the particulate emissions within the statutory limit of 115 mg/Nm³ for the boilers & Stack of 11 m height will be provided along with Bag filter & Oil/air pre heater to maintain emission concentrations within the statutory limit of 150 mg/Nm³ for the thermic fluid heaters.

Gases and vapors from manufacturing process are identified source of emission, which will be passed through scrubbers (HCL/Cl₂ & Ammonia). Additionally, one scrubber (HBr) will be installed to mitigate the process emissions from expansion activity. The scrubbed gases from manufacturing process will be released through 3 stacks each with 12 m height.

7. The project/activities are covered under category A of item 5(b) 'Pesticides industry and Pesticide specific intermediates' and item 5(f) 'Synthetic organic chemicals industry' of the

Schedule to the Environment Impact Assessment Notification, 2006, and requires appraisal at central level by the sectoral Expert Appraisal Committee (EAC) in the Ministry.

8. Standard Terms of References (ToR) was issued by the Ministry vide letter dated 18th June, 2019. Public hearing is exempted as the project site is located in the notified Industrial area. It is reported by the project proponent that no litigation is pending against the proposal.

9. The proposal was considered by the Expert Appraisal Committee (Industry-2) in its meetings held on 14-16 July, 2020 and 15-17 September, 2020 in the Ministry, wherein the project proponent and their accredited consultant M/s Sadekar Enviro Engineers Pvt Ltd presented the EIA/EMP report as per the ToR. The Committee found the EIA/EMP report complying with the ToR and recommended the project for grant of environmental clearance.

10. The EAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, have examined the proposal submitted by the Project Proponent in desired form along with EIA/EMP report prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent.

The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP report. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.

The Committee noted that the EIA/EMP report is in compliance of the ToR issued for the project, reflecting the present environmental concerns and the projected scenario for all the environmental components. The Committee has found the baseline data and incremental GLC due to the proposed project within NAAQ standards. The Committee has also deliberated on the CER plan and found to be addressing the issues in the study area. The Committee has suggested that the storage of toxic/explosive raw material shall be bare minimum in quantity and inventory. The Committee has considered the opinion of Institute of Chemical Technology, Mumbai that the intermediates of API and agrochemical can be produced at the same site. The Committee has found the additional information submitted by the project proponent to be satisfactory and addressing the issues raised by the Committee.

The EAC has deliberated the proposal and has made due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC have found the proposal in order and have recommended for grant of environmental clearance.

11. The environmental clearance granted to the project/activity is strictly under the provisions of the EIA Notification 2006 and its amendments. It does not tantamount/construe to approvals/consent/ permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc., as may be applicable to the project. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.

12. Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), Ministry of Environment, Forest and Climate change hereby accords environmental clearance to the project for **Expansion of Pharmaceuticals, Speciality and Agrochemical intermediates manufacturing from 58 TPM to 230 TPM by M/s Benzo Chem Industries Pvt. Ltd. at Plot No. B-26,27 & B-14,15, Malkapur MIDC, Dasarkhed, Taluka Malkapur, District Buldhana, Maharashtra**, under the provisions of the EIA Notification, 2006, subject to the compliance of terms and conditions as under:-

- (i) The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.
- (ii) As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises. Treated effluent shall be reused in the process/utilities. Treated Industrial effluent shall not be used for gardening/greenbelt development/horticulture.
- (iii) Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.
- (iv) The storage of toxic/explosive raw material shall be bare minimum with respect to quantity and inventory. Quantity and days of storage shall be submitted to the Regional Office of Ministry and SPCB along with the compliance report.
- (v) Implementation of outcome of Process safety and risk assessment studies which carried out by using advanced models, and the mitigating measures shall be undertaken/implemented accordingly.
- (vi) Occupational health centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.
- (vii) Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees.
- (viii) The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire-fighting system shall be as per the norms.
- (ix) Solvent management shall be carried out as follows: (a) Reactor shall be connected to chilled brine condenser system. (b) Reactor and solvent handling pump shall have mechanical seals to prevent leakages. (c) Solvents shall be stored in a separate space specified with all safety measures. (d) Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done. (e) Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses. (f) All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.
- (x) Volatile organic compounds (VOCs)/Fugitive emissions shall be controlled at 99.99% with effective chillers/modern technology.

- (xi) Total fresh water requirement shall not exceed 220.9 cum/day proposed to be met from Malkapur MIDC water supply. Necessary permission in this regard shall be obtained from the concerned regulatory authority.
- (xii) Storm water from the roof top shall be channelized through pipes to the storage tank constructed for harvesting of rain water in the premises and harvested water shall be used for various industrial processes in the unit. No recharge shall be permitted within the premises. Process effluent/ any wastewater shall not be allowed to mix with storm water.
- (xiii) The company shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.
- (xiv) The green belt of at least 5-10 m width shall be developed in nearly 33% of the total project area, mainly along the plant periphery. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing map.
- (xv) As per the Ministry's OM dated 30.09.2020 superseding the OM dated 01.05.2018 regarding the Corporate Environmental Responsibility, and as per the action plan proposed by the project proponent to address the socio-economic and environmental issues in the study area, the project proponent shall provide RO drinking water facility, infrastructure and educational assistance to the schools in Malkapur, Bhalegaon and Wiwara villages. The action plan shall be completed within three years as proposed.
- (xvi) A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.

12.1 The grant of environmental clearance is further subject to compliance of other general conditions as under:-

- (i) No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- (ii) The energy source for lighting purpose shall be preferably LED based, or advance having preference in energy conservation and environment betterment.
- (iii) The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one station each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.
- (iv) The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.

- (v) The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- (vi) The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and to utilize the same for process requirements.
- (vii) Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- (viii) The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented.
- (ix) The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
- (x) A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
- (xi) The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.
- (xii) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.
- (xiii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.
- (xiv) The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.
- (xv) The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at

<https://parivesh.nic.in/>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.

(xvi) The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.

(xvii) This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

13. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

14. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

15. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

16. The above conditions shall be enforced, *inter-alia* under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

17. This issues with approval of the competent authority.

(डॉ. अर. बी. लाल)
(Dr. R. B. Lal)
Scientist E/Additional Director
Ministry of Environment and Forests, Government of India
New Delhi

Copy to: -

1. The Deputy DGF (C), MoEF&CC Regional Office(WCZ), Ground Floor, East Wing, New Secretariat Building, Civil Line, Nagpur - 1
2. The Secretary, Environment Department, Government of Maharashtra, 15th Floor, New Administrative Building, Mantralaya, Mumbai - 32
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 32
4. The Member Secretary, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th

- Floor, Opp. Cine Planet, Sion Circle, Mumbai - 22
5. The District Collector, District Buldhana (Maharashtra)
 6. Guard File/Monitoring File/Website/Record File

(Dr. R. B. Lal)
Scientist 'E'/Additional Director
Tele-fax: 011-24695362
Email-rb.lal@nic.in

जेट्टेशन क्रमांक : महाराष्ट्र २५६३/दि. १४/७/९२

बुलडाणा एफ २६५२/दि. २०/१/९३

दुरध्वनी : (०७२६७) २२६९००, २२७०४०

स्व. मदनलालजी - किसानलालजी संचेती सेवा समिती, मलकापूर

अध्यक्ष : मा.आ. चैनसुख संचेती

सचिव : श्री. सुरेशकुमार संचेती



कार्यालय : सिनेमा रोड,
मलकापूर - ४४३ १०१

DATE : 28/04/2021

RECEIPT

Received from **BENZO CHEM INDUSTRIES PRIVATE LIMITED** a sum of ₹ 6,50,000/- (Rupees Six Lac Fifty Thousand Only) and ₹ 5,00,000/- (Rupees Five Lac Only) Total ₹ 11,50,000/- (Rupees Eleven Lac Fifty Thousand Only) by RTGS Dt. 27/04/2021 Thru Kotak Mahindra Bank, Mumbai. I have received the payment as issuing this receipt.

President / Secretary
Late Madanlalji - Kisanlalji Sancheti
Seva Samiti, Malkapur

स्व. मदनलालजी - किसनलालजी संचेती सेवा समिती, मलकापूर

अध्यक्ष : मा.आ. चैनसुख संचेती
सचिव : श्री. सुरेशकुमार संचेती



कार्यालय : सिनेमा रोड,
मलकापूर - ४४३ १०१

दिनांक : ३०/०४/२०२१

प्रति,
संचालक,
बेन्झो केम इंडस्ट्रीज प्राय.लिमी.,
एम.आय.डी.सी. एरीया,
दसरखेड, ता.मलकापूर,
जि.बुलडाणा.

विषय : ऑक्सीजन प्लॉन्ट करीता मदत प्राप्त झालेबाबत.

महोदय,

वरील विषयानुसार आम्ही आपणांस कळवु इच्छितो की, आमचे संस्थेमार्फत कोवीड सेंटर उभारत आहोत त्याच्या उपचारासाठी लागणारा ऑक्सीजन हा अत्यंत आवश्यक घटक असुन त्यासाठी ऑक्सीजन उत्पादीत करण्याचा संस्थेचा निर्णय आहे. त्या ऑक्सीजन प्लॉन्ट उभारणीसाठी आपल्याकडुन आम्हांला CSR Activity अंतर्गत रु. ११,५०,०००/- अक्षरी अकरा लाख पन्नास हजार फक्त योगदान दि. २७/०४/२०२१ रोजी RTGS द्वारे प्राप्त झाले आहेत, तसेच आपणांस CSR Activity करीता लागणा-या उर्वरीत सर्व कागदपत्रांची पुर्तता आमचेकडुन उर्वरीत योगदानाची रक्कम प्राप्त झाल्यानंतर लवकरात लवकर करण्यांत येईल, तरी उर्वरीत योगदानाची रक्कम लवकरात लवकर द्यावी ही विनंती.

कळावे,

आपला,

अध्यक्ष/सचिव,

स्व.मदनलालजी-किसनलालजी संचेती
सेवा समिती, मलकापूर.

रजिस्ट्रेशन क्रमांक : महाराष्ट्र २५६३/दि. १४/७/९२

बुलडाणा एफ २६५२/दि. २०/१/९३

दुरध्वनी : (०७२६७) २२६९००, २२७०४०

स्व. मदनलालजी - किसनलालजी संचेती सेवा समिती, मलकापूर

अध्यक्ष : मा.आ. चैनसुख संचेती

सचिव : श्री. सुरेशकुमार संचेती

Benzo Chem



कार्यालय : सिनेमा रोड,
मलकापूर - ४४३ १०१

Date : 11/11/2022

RECEIPT

Received from **BENZO CHEM INDUSTRIES PRIVATE LIMITED** a sum of Rs. **5,00,000/- (Rupees Five Lac Only)** in Cheque No. **000416 Dt. 07/11/2022** drawn on **Kotak Mahindra Bank, Mumbai (Payable At-par at all branches)**. I have received the payment as issuing this receipt.

President / Secretary
Late Madanlalji – Kisanlalji Sancheti
Seva Samiti, Malkapur

At par



Ground And Mezzanine Floor, Botawala Chambers, 2,
Mumbai - 400001
Maharashtra India
IFSC : KKBK0000957

Valid for three months from date of issue

दिनांक
Date 07 11 2022
D D M M Y Y Y Y

Mahipal Technologies Limited - New Mumbai / CTS-2010

Pay "Late Madanlalji Kisanlalji Sancheti Sevasamiti या धारक को Or Bearer
रुपये Rupees five lacs only

रुपये Rupees five lacs only

अवा करें। ₹ 500000/-

खाता सं.
A/c No. 7612054247

KOTAK PRO SAVINGS ACCOUNT
CBS

For Vimladevi Mohatta Charitable Trust

Authorized signatory

Please sign above

28-09-2022

Payable At-par at all branch locations of Kotak Mahindra Bank Ltd.

⑈000416⑈ 400485013⑈ 008714⑈ 31

स्व.मदनलालजी - किरानलालजी संघेती सेवा समिती, मलकापूर



अध्यक्ष : मा. आ. चैनसुख संघेती
सचिव : श्री. सुरेशकुमार संघेती

कार्यालय: सिनेमा रोड
मलकापूर - ४४३९०९

दिनांक : ०९/११/२०२२

प्रति,
संचालक,
बेन्झो केम इंडस्ट्रीज प्राय.लिमीटेड,
एस.आय.डी.सी. एरीया,
दसरखेड, ता.मलकापूर,
जि.बुलडाणा.

विषय :- आश्रम शाळेतील स्वयंपाक घराचे बांधकामाकरीता
मदत प्राप्त झालेबाबत.

महोदय,

वरील विषयानुसार आम्ही आपणांस कळवु इच्छितो की, आमचे संस्थेमार्फत आश्रम शाळा सुरु आहे. त्या आश्रम शाळेच्या स्वयंपाक घराचे बांधकाम करण्याकरीता आपल्याकडुन आम्हांला **CSR Activity** अंतर्गत रु.५,००,०००/- अक्षरी पाच लाख रुपये फक्त योगदान धनादेश क्रमांक ०००४१६ दि. ०७/११/२०२२ कोटक महिंद्रा बँक मुंबई (Payable AT Par) द्वारे प्राप्त झाले आहेत, त्याबद्दल धन्यवाद.

कळावे,

आपला,

अध्यक्ष/सचिव,
स्व.मदनलालजी-किसनलालजी संघेती
सेवा समिती, मलकापूर.

Annexure –9

Organogram of the Environmental Management Cell



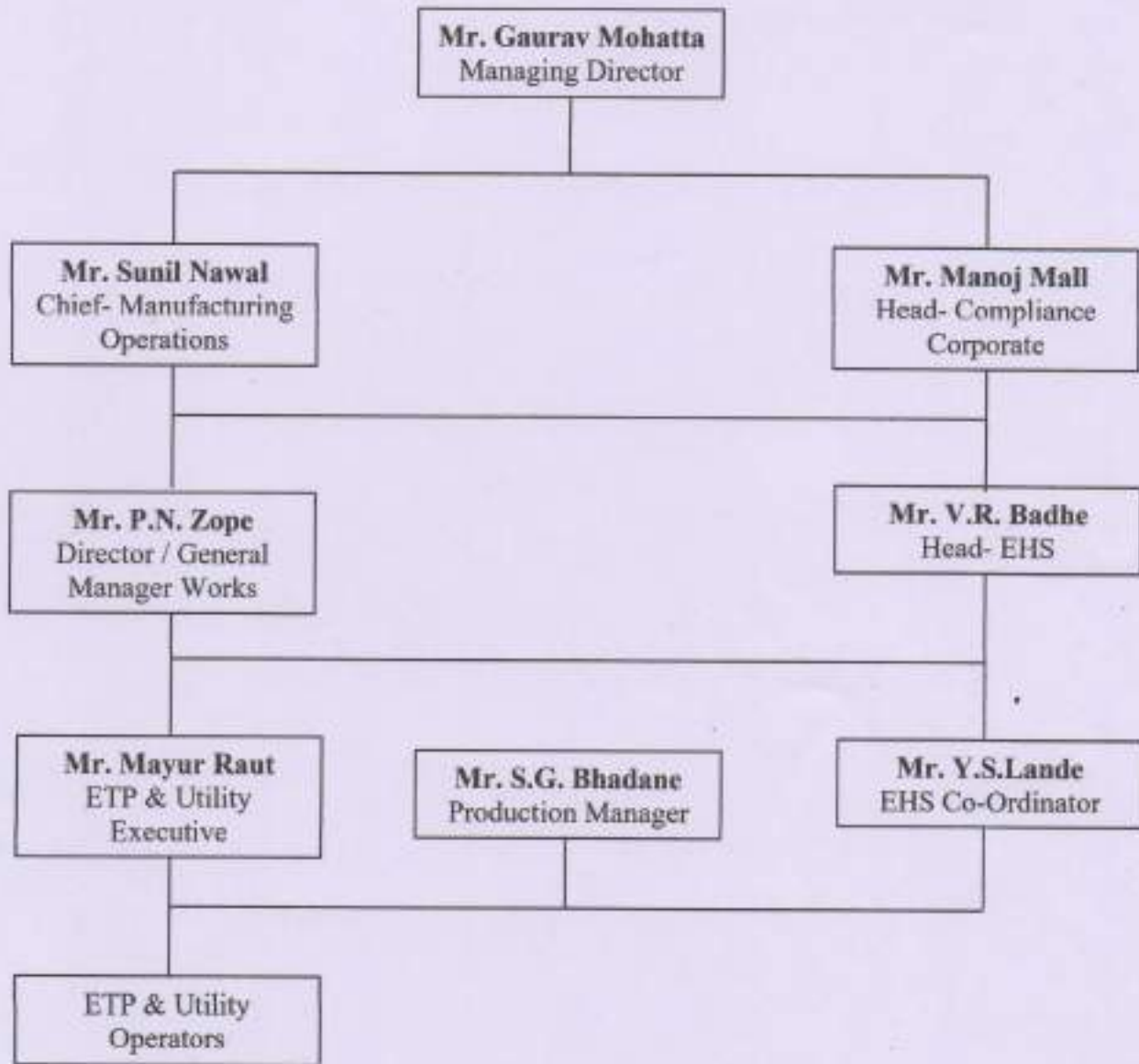
BENZO CHEM

BENZO CHEM INDUSTRIES PRIVATE LIMITED

Works: B-26, 27 & 14, 15 M.I.D.C. Area,,
DASARKHED, MALKAPUR - 443 101.
DIST. BULDHANA,
Phone. : (07267)262245, 262391.
Fax : (07267)262341.
E-mail:- bcipmik@rediffmail.com

Registered Office:
Plot No 26/28 A, Cawasji Patel Street,
Fort, Mumbai - 400 001.
Phone No. : (022) 43555888 Fax No. 022-24320924
Corporate Identity No. U24100MH1986PTC041751
Email :- info@benzochem.co.in, Website: www.bcipl.com

The Hierarchical System To Deal With The Environmental Issues And For Ensuring Compliance With The Environmental Clearance Conditions



For Benzo Chem Industries Pvt. Ltd.

Authorized Signatory



[An ISO 9001, 14001 & 45001 Certified Unit]

Annexure – 10

Ambient air quality monitoring reports

QF/LA/10-A

Report Date: 18.10.2022

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry :	M/S Benzochem Pvt. Ltd. Plot No.B-26, 27. Malkapur		
Date of Sampling :	06.10.2022	Sample Description :	Ambient
Date of Receipt of Sample :	11.10.2022	Sample Collected by :	Laboratory
Date of Analysis Started :	11.10.2022	Date of Analysis Completed :	18.10.2022
Sampling Plan :	QF/LA/01 B – 30.09.2022	Sampling Location :	Project Site
Sampling Method :	Refer test method		

Sample Code No.	GFL/AA/22/10-08	Limits	Units	Test Method
Location	Near Main Gate			
Date/Duration	06.10.2022 1 hr. (CO, NH ₃ & O ₃) & 24 hrs. (Rest of the Pollutants)			
PM 10	84.21	100	µg/m ³	IS 5182 (Part-23):2006, Reaffirmed-2017 & CPCB NAAQS Volume-I
PM 2.5	38.26	60	µg/m ³	CPCB NAAQS Volume-I
SO ₂ conc.	18.08	80	µg/m ³	IS 5182 (Part -2):2001, Reaffirmed-2017 & CPCB NAAQS Volume I
NO _x conc.	46.89	80	µg/m ³	IS 5182 (Part-06):2006, Reaffirmed-2017 & CPCB NAAQS Volume I
Lead	0.09	01	µg/m ³	CPCB NAAQS Volume I
Ammonia	112.95	400	µg/m ³	CPCB NAAQS Volume-I
Carbon Monoxide	ND	04	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2014
Arsenic	ND	06	ng/m ³	CPCB NAAQS Volume I
Nickel	14.24	20	ng/m ³	CPCB NAAQS Volume I
Ozone	<39.0	180	µg/m ³	IS 5182 (Part-09):1974, Reaffirmed-2014
Benzene	0.69	05	µg/m ³	IS 5182 (Part 11):2006, Reaffirmed-2014 & CPCB NAAQS volume I
Benzopyrene	<0.1	01	ng/m ³	IS 5182 (Part 12):2004, Reaffirmed-2014 & CPCB NAAQS volume I
Sampling carried out using HVS GOLDFINCH/INST-HVS/02 Calibrated on : 14.09.2022 Due on : 13.09.2023		Sampling carried out using ADS GOLDFINCH/INST-ADS/43 Calibrated on : 03.06.2022 Due on : 02.06.2023		

Remark- ND= Not Detected

----- End of Report -----

For Goldfinch Laboratory



Verified and Authorized by

Page 1 of 1

QF/LA/10-A

Report Date: 18.10.2022

Analysis Test Reports for Ambient Air Monitoring

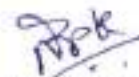
Name of the Industry :	M/S Benzochem Pvt. Ltd. Plot No.B-26, 27. Malkapur		
Date of Sampling :	07.10.2022	Sample Description :	Ambient
Date of Receipt of Sample :	11.10.2022	Sample Collected by :	Laboratory
Date of Analysis Started :	11.10.2022	Date of Analysis Completed :	18.10.2022
Sampling Plan :	QF/LA/01 B – 30.09.2022	Sampling Location :	Ghodasgaon Village
Sampling Method :	Refer test method		

Sample Code No.	GFL/AA/22/10-09	Limits	Units	Test Method
Location	Ghodasgaon Village			
Date/Duration	07.10.2022 1 hr. (CO, NH ₃ & O ₃) & 24 hrs. (Rest of the Pollutants)			
PM 10	62.37	100	µg/m ³	IS 5182 (Part-23):2006, Reaffirmed-2017 & CPCB NAAQS Volume-I
PM 2.5	30.41	60	µg/m ³	CPCB NAAQS Volume-I
SO₂ conc.	11.45	80	µg/m ³	IS 5182 (Part -2):2001, Reaffirmed-2017 & CPCB NAAQS Volume I
NO_x conc.	33.26	80	µg/m ³	IS 5182 (Part-06):2006, Reaffirmed-2017 & CPCB NAAQS Volume I
Lead	0.03	01	µg/m ³	CPCB NAAQS Volume I
Ammonia	31.86	400	µg/m ³	CPCB NAAQS Volume-I
Carbon Monoxide	ND	04	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2014
Arsenic	ND	06	ng/m ³	CPCB NAAQS Volume I
Nickel	13.65	20	ng/m ³	CPCB NAAQS Volume I
Ozone	<39.0	180	µg/m ³	IS 5182 (Part-09):1974, Reaffirmed-2014
Benzene	ND	05	µg/m ³	IS 5182 (Part 11):2006, Reaffirmed-2014 & CPCB NAAQS volume I
Benzopyrene	<0.1	01	ng/m ³	IS 5182 (Part 12):2004, Reaffirmed-2014 & CPCB NAAQS volume I
Sampling carried out using HVS GOLDFINCH/INST-HVS/02 Calibrated on : 14.09.2022 Due on : 13.09.2023		Sampling carried out using ADS GOLDFINCH/INST-ADS/43 Calibrated on : 03.06.2022 Due on : 02.06.2023		

Remark- ND= Not Detected

----- End of Report -----

For Goldfinch Laboratory



Verified and Authorized by

Page 1 of 1

QF/LA/10-A

Report Date: 18.10.2022

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry :	M/S Benzochem Pvt. Ltd. Plot No.B-26, 27. Malkapur		
Date of Sampling :	08.10.2022	Sample Description :	Ambient
Date of Receipt of Sample :	11.10.2022	Sample Collected by :	Laboratory
Date of Analysis Started :	11.10.2022	Date of Analysis Completed :	18.10.2022
Sampling Plan :	QF/LA/01 B – 30.09.2022	Sampling Location :	Talaswada Village
Sampling Method :	Refer test method		

Sample Code No.	GFL/AA/22/10-10	Limits	Units	Test Method
Location	Talaswada Village			
Date/Duration	08.10.2022 1 hr. (CO, NH ₃ & O ₃) & 24 hrs. (Rest of the Pollutants)			
PM 10	66.28	100	µg/m ³	IS 5182 (Part-23):2006, Reaffirmed-2017 & CPCB NAAQS Volume-I
PM 2.5	32.17	60	µg/m ³	CPCB NAAQS Volume-I
SO ₂ conc.	8.44	80	µg/m ³	IS 5182 (Part -2):2001, Reaffirmed-2017 & CPCB NAAQS Volume I
NO _x conc.	33.26	80	µg/m ³	IS 5182 (Part-06):2006, Reaffirmed-2017 & CPCB NAAQS Volume I
Lead	0.06	01	µg/m ³	CPCB NAAQS Volume I
Ammonia	40.54	400	µg/m ³	CPCB NAAQS Volume-I
Carbon Monoxide	ND	04	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2014
Arsenic	ND	06	ng/m ³	CPCB NAAQS Volume I
Nickel	14.24	20	ng/m ³	CPCB NAAQS Volume I
Ozone	<39.0	180	µg/m ³	IS 5182 (Part-09):1974, Reaffirmed-2014
Benzene	ND	05	µg/m ³	IS 5182 (Part 11):2006, Reaffirmed-2014 & CPCB NAAQS volume I
Benzopyrene	<0.1	01	ng/m ³	IS 5182 (Part 12):2004, Reaffirmed-2014 & CPCB NAAQS volume I
Sampling carried out using HVS GOLDFINCH/INST-HVS/02 Calibrated on : 14.09.2022 Due on : 13.09.2023		Sampling carried out using ADS GOLDFINCH/INST-ADS/43 Calibrated on : 03.06.2022 Due on : 02.06.2023		

Remark- ND= Not Detected

----- End of Report -----

For Goldfinch Laboratory



Verified and Authorized by

Page 1 of 1

QF/LA/10-A

Report Date: 18.10.2022

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry :	M/S Benzochem Pvt. Ltd. Plot No.B-26, 27. Malkapur		
Date of Sampling :	11.10.2022	Sample Description :	Ambient
Date of Receipt of Sample :	10.10.2022	Sample Collected by :	Laboratory
Date of Analysis Started :	11.10.2022	Date of Analysis Completed :	18.10.2022
Sampling Plan :	QF/LA/01 B - 30.09.2022	Sampling Location :	Dharangaon Village
Sampling Method :	Refer test method		

Sample Code No.	GFL/AA/22/10-11	Limits	Units	Test Method
Location	Dharangaon Village			
Date/Duration	11.10.2022 1 hr. (CO, NH ₃ & O ₃) & 24 hrs. (Rest of the Pollutants)			
PM 10	61.87	100	µg/m ³	IS 5182 (Part-23):2006, Reaffirmed-2017 & CPCB NAAQS Volume-I
PM 2.5	27.29	60	µg/m ³	CPCB NAAQS Volume-I
SO ₂ conc.	16.28	80	µg/m ³	IS 5182 (Part -2):2001, Reaffirmed-2017 & CPCB NAAQS Volume I
NO _x conc.	44.71	80	µg/m ³	IS 5182 (Part-06):2006, Reaffirmed-2017 & CPCB NAAQS Volume I
Lead	0.05	01	µg/m ³	CPCB NAAQS Volume I
Ammonia	78.19	400	µg/m ³	CPCB NAAQS Volume-I
Carbon Monoxide	ND	04	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2014
Arsenic	ND	06	ng/m ³	CPCB NAAQS Volume I
Nickel	13.52	20	ng/m ³	CPCB NAAQS Volume I
Ozone	3.77	180	µg/m ³	IS 5182 (Part-09):1974, Reaffirmed-2014
Benzene	ND	05	µg/m ³	IS 5182 (Part 11):2006, Reaffirmed-2014 & CPCB NAAQS volume I
Benzopyrene	<0.1	01	ng/m ³	IS 5182 (Part 12):2004, Reaffirmed-2014 & CPCB NAAQS volume I
Sampling carried out using HVS GOLDFINCH/INST-HVS/02 Calibrated on : 14.09.2022 Due on : 13.09.2023		Sampling carried out using ADS GOLDFINCH/INST-ADS/43 Calibrated on : 03.06.2022 Due on : 02.06.2023		

Remark- ND= Not Detected

----- End of Report -----

For Goldfinch Laboratory


Verified and Authorized by

Page 1 of 1

Annexure – 11

**Consent to Establish
(CTE)**

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
Email: 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.0000089344/CE -21 07 00 16 16

Date: 30/07/2021

To,
M/s. Benzo Chem Industries Pvt. Ltd.,
Plot No:- B- 26, 27 & 14,15, M.I.D.C. Area,
Dasarkhed Tal:- Malkapur, Dist:- Buldhana.



Your Service is Our Duty

Sub: Grant of Consent to establish for expansion under RED/LSI Category.

- Ref:**
1. Consent to Operate granted by Board vide No. Format 1.0/BO/AST/EIC No-AM-6693-15/Amravati/R/CC-05404 dtd. 26.04.2016 which is valid upto 30.09.2021
 2. Environment Clearance obtained from MoEF&CC vide F. NO-J-11011/175/2019-IA-II(I) dtd. 10.11.2020
 3. Your application No.MPCB-CONSENT-0000089344 Dated 19.02.2020

Your application No.MPCB-CONSENT-0000089344 Dated 19.02.2020

For: grant of Consent to Establish under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The consent to establish is granted for a period up to commissioning of the unit or up to 5 year whichever is earlier.**
2. **The capital investment of the project is Rs.12.00 Crs. (As per C.A Certificate submitted by industry Existing CI is-Rs. 16.22 Crs + Expansion in C.I. - Rs. 12.0 Crs)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
Agro Intermediates			
1	i) 2,5 Di Methyl Phenyl Acetyl Chloride	102	MT/M
	ii) 2, 4 Di Chloro Benzaldehyde		
	iii) Ortho Chloro Phenyl Acetic Acid		
	iv) 2, 4, 6 Tri Methyl Phenyl Acetyl Chloride		
	v) Para Chloro Phenyl Acetic Acid		
	vi) 2, 4 Di Chloro Phenyl Acetic Acid		

Sr No	Product	Maximum Quantity	UOM
1	vii) Para Chloro Benzyl Cyanide		
	viii) 2, 4 Di Chloro Phenyl Acetyl Chloride		
	ix) Para Chloro Benzo Tri Chloride		
	x) Para Chloro Benzyl Chloride		
	xi) Ortho Methyl Benzyl Chloride		
	xii) 2, 5 Di Methyl Phenyl Acetic Acid		
	xiii) Isopropyl (4-Chlorophenyl) acetyl chloride (CPIC)		
	ivx) 1- Naphthyl Acetonitrile		
	xv) a, a, a', a' Tetra Chloro Ortho Xylene		
	xvi) Para Chloro a-isopropyl Phenyl Acetic Acid (CPIA)		
	xvii) Para Chloro Benzyl Cyanide 75% Solution in N-Butyl Acetate		
	Pharmaceutical Intermediates		
2	i) Para Chloro Benzaldehyde	60	MT/M
	ii) Meta Chloro Benzyl Chloride		
	iii) Meta Chloro Benzyl Cyanide		
	iv) Meta Chloro Phenyl Acetic Acid		
	v) Meta Chloro Benzaldehyde		
	vi) 2, 4 Di Chloro Benzyl Cyanide		
	vii) 2, 4 Di Chloro Benzyl Chloride		
	viii) Ortho Methyl Benzyl Cyanide		
	ix) Ortho Methyl Phenyl Acetic Acid		
	x) Ortho Chloro Benzyl Chloride		
	xi) Ortho Chloro Benzyl Cyanide		
	xii) Ortho Chloro Benzaldehyde		
	xiii) Methyl 2- Chloro Phenyl Acetate		
	xiv) 2-Phenyl Acetyl Chloride		
	xv) 2-Bromo Benzyl Cyanide		
	xvi) 4- Bromo Benzyl Cyanide		
	xvii) 3, 4 Di Chloro Benzyl Cyanide		
	xviii) Para Methyl Benzyl Chloride		
	xix) Para Methyl Benzyl Cyanide		
	xx) Para Methyl Phenyl Acetic Acid		
Speciality Chemical Intermediate			
3	i) Benzaldehyde 2, 4 Di Sulphonic Acid Di Sodium Salt (Powder)	10	MT/M
	ii) Benzaldehyde 2, 4 Di Sulphonic Acid Di Sodium Salt (Liquid)		
	iii) Benzaldehyde Ortho Sulphonic Acid Sodium Salt		
	iv) Ortho Anisoyl Chloride 75% Solution in Ethylene Dichloride		

Sr No	Product	Maximum Quantity	UOM
3	v) aa Di Chloro Para Xylene		
	vi) Para Hydroxy Benzaldehyde		

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

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	59.7	As per Schedule-I	Recycle 100% to achieve ZLD
2.	Domestic effluent	10.00	As per Schedule-I	Soaked in soak pit

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

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S-1	Boiler-I (6 TPH)	1	As per Schedule -II
2	S-1	Thermic Fluid Heater (6 Lac Kcal/hr)	1	As per Schedule -II
3	S-2	Boiler-II (10 TPH)	1	As per Schedule -II
4	S-2	Thermic Fluid Heater (6 Lac Kcal/hr)	1	As per Schedule -II
5	S-3	Thermic Fluid Heater (2 Lac Kcal/hr)	1	As per Schedule -II
6	S-4	D. G. Set (1000 kVA)	1	As per Schedule -II
7	S-5	Process Stack-I	1	As per Schedule -II
8	S-6	Process Stack-II	1	As per Schedule -II
9	S-7	Process Stack-III	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Coal Ash	252.46	MT/M	Sale	Sale to Brick Manufacturer

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

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	0.02	MT/M	Recycle	Sale to authorised party / CHWTSDF
2	20.2 Spent solvents	3.0	MT/M	Recycle*	Sale to authorised party / CHWTSDF
3	20.3 Distillation residues	18.0	MT/M	Incineration	CHWTSDF
4	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	1.0	MT/M	Incineration	CHWTSDF

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
5	33.2 Contaminated cotton rags or other cleaning materials	0.01	MT/M	Incineration	CHWTSDF
6	35.3 Chemical sludge from waste water treatment	3.0	MT/M	Landfill	CHWTSDF
7	37.3 Concentration or evaporation residues	70.0	MT/M	Landfill	CHWTSDF
8	28.1 Process Residue and wastes (Hydrochloric Acid)	70.0	MT/M	Recycle*	Sale to authorised party / CHWTSDF
9	28.1 Process Residue and wastes (Sodium Chloride)	30.0	MT/M	Recycle*	Sale to authorised party / CHWTSDF
10	28.1 Process Residue and wastes (Hydrobromic Acid)	3.0	MT/M	Recycle*	Sale to authorised party / CHWTSDF
11	28.1 Process Residue and wastes (Sodium Sulphite)	20.0	MT/M	Recycle*	Sale to authorised party / CHWTSDF
12	28.1 Process Residue and wastes (Ammonium Sulphate)	5.0	MT/M	Recycle*	Sale to authorised party / CHWTSDF
13	28.1 Process Residue and wastes (Sodium Bromide)	3.0	MT/M	Recycle*	Sale to authorised party / CHWTSDF
14	28.1 Process Residue and wastes (Mixed Solvents)	1.0	MT/M	Recycle*	Sale to authorised party / CHWTSDF
15	28.1 Process Residue and wastes (Ammonia)	40.0	MT/M	Recycle*	Sale to authorised party / CHWTSDF

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

8. Conditions under Batteries (Management & Handling) Rules, 2001:

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	Lead Acid Batteries from DG Set and UPS	30.00	Nos./Y	Sale to MPCB approved Battery recyclers

Specific Conditions for used Batteries:

- i. The applicant shall ensure that used batteries are not disposed of in any manner other than by depositing with the authorized dealer/ manufacturer/ registered recycler/ importer/ re-conditioner or at the designated collection center.
- ii. The applicant shall file half-yearly return in Form VIII to the M.P.C. Board.
- iii. Bulk consumers to their user units may auction used batteries to registered recyclers only.

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

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	ITEW-2 Personnel Computer (Central Processing units with input and output devices)	3.33	Kg/M	Sale to MPCB authorized recycler
2	ITEW-3 Personnel Computing Laptop Computers (Central Processing units with input and output devices)	1.67	Kg/M	Sale to MPCB authorized recycler
3	ITEW-6 Printer including cartage	1.67	Kg/M	Sale to MPCB authorized recycler
4	ITEW-12 Telephone	0.42	Kg/M	Sale to MPCB authorized recycler

10. **Treatment and Disposal of Biomedical Waste generated to CBMWTSDF:**

Sr.No	Category	Type of Waste	Quantity not to exceed (Kg/M)	Segregation Color coding	Treatment & Disposal
1	Yellow	a) Soiled Waste	0.67	Yellow colored non-chlorinated plastic bags or containers	CBMWTSDF
		b) Expired or Discarded Medicines	0.50		

11. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
12. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
13. The industry shall obtain necessary permission from the Directorate of Industrial Safety and Health (DISH).
14. Industry shall comply with the Environment Clearance granted by MoEF&CC vide F. NO-J- 11011/175/2019-IA-II(I) dtd. 10.11.2020
15. 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.
16. 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 an keep proper manifest thereof.
17. Industry shall install online continuous monitoring system for ensuring ZLD and stack emission as per CPCB guidelines & data to be transmitted directly from Data Logger to Board server .
18. This consent is issued as per the Office Order for Consent Management of the Board No. 12/2020 dtd. 23.12.2020.

19. This consent is issued as per the Office Order for Consent Management of the Board No. 12/2020 dtd. 23.12.2020.

For and on behalf of the
Maharashtra Pollution Control Board.


(P.K.Mirashe)

Assistant Secretary (Tech.)

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	50000.00	TXN2002001992	20/02/2020	Online Payment

Copy to:

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



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A) As per your application, you have proposed to segregate trade effluent into weak stream & strong stream and provide Effluent Treatment Plant (ETP) comprising of:
 - i) **Strong COD/TDS stream of 15.00 CMD** - - Treatment system comprising of Primary (Collection tank, Neutralization tank, Equalization tank), Stripper followed by Agitated Thin Film Dryer (ATFD).
 - ii) **Weak COD/TDS stream of 44.7 CMD** -- Treatment system comprising of Primary (Collection tank, Neutralization tank, Equalization tank, Primary Clarifier/Primary Settling Tank), Secondary (Activated sludge process, Followed by Secondary Clarifier), Tertiary (Pressure sand filter, Activated carbon filter), Advance treatment (Reverse osmosis), the RO-permeate (64.0 CMD) is reuse into the process and RO-reject is send to the Sludge treatment (Filter press) with design capacity of 200 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 install online monitoring system i.e. IP Camera and flow meter to ensure the Zero Liquid Discharge and it connectivity to the MPCB server. Industry shall also install separate energy meter to the pollution control devices.

2. A) As per your application, you have provided Septic Tank followed by Soak pit for the treatment of 10.00 CMD of sewage.
- B) The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

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

- C) The treated sewage shall be soaked in soak pit and overflow if any shall be discharged on land for gardening within premise after confirming above standards.
3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
 4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.

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

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	321.10
2.	Domestic purpose	12.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	36.80
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	55.00

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

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

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

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	Boiler	Multi Cyclone	30.50	Coal /Agro Waste 20.30 MT/Day	0.5	TPM	115.0 Mg/Nm ³
						SO ₂	203.0 Kg/Day
S-1	Thermic Fluid Heater	Multi Cyclone	30.50	Coal /Agro Waste 3.6 MT/Day	0.5	TPM	115.0 Mg/Nm ³
						SO ₂	36.0 Kg/Day
S-2	Boiler	Multi Cyclone	30.50	Coal /Agro Waste 26.40 MT/Day	0.5	TPM	115.0 Mg/Nm ³
						SO ₂	264.0 Kg/Day
S-2	Thermic Fluid Heater	Multi Cyclone	30.50	Coal /Agro Waste 3.6 MT/Day	0.5	TPM	115.0 Mg/Nm ³
						SO ₂	36.0 Kg/Day
S-3	Thermic Fluid Heater	Stack	30.50	LSHS 0.55 MT/Day	1.0	TPM	150.0 Mg/Nm ³
						SO ₂	11.0 Kg/Day

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-4	DG Set	Acoustic Enclosure	12.00	HSD 194.0 Ltr/Hr	1.0	TPM	150.0 Mg/Nm ³
						SO ₂	93.12 Kg/Day
S-5	Process Stack-I	Scrubber	12.00	-	-	Acid Mist	35.0 Mg/Nm ³
S-6	Process Stack-II	Scrubber	12.00	-	-	NH ₃	50.0 Mg/Nm ³
S-7	Process Stack-III	Scrubber	12.00	-	-	Bromine	3.0 PPM

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
5. 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:**

Sr. No	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Consent to Establish	Rs. 5.0/- Lakh	Within 15 days	Towards compliance of consent conditions Towards compliance of consent conditions	30.06.2026	30.10.2026

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

BG Forfeiture History

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

BG Return details

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

**SCHEDULE-IV
General Conditions:**

- Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that e-waste generated by them is channelised through collection centre or dealer of authorised producer or dismantler or recycler or through the designated take back service provider of the producer to authorised dismantler or recycler
- Bulk consumers of electrical and electronic equipment listed in Schedule I shall maintain records of e-waste generated by them in Form-2 and make such records available for scrutiny by the concerned State Pollution Control Board
- Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that such end-of-life electrical and electronic equipment are not admixed with e-waste containing radioactive material as covered under the provisions of the Atomic Energy Act, 1962 (33 of 1962) and rules made there under;
- Bulk consumers of electrical and electronic equipment listed in Schedule I shall file annual returns in Form-3, to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates. In case of the bulk consumer with multiple offices in a State, one annual return combining information from all the offices shall be filed to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates.
- The Energy source for lighting purpose shall preferably be LED based
- 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).
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.

For and on behalf of the
Maharashtra Pollution Control Board.



P.K. Mirashe
(P.K.Mirashe)

Assistant Secretary (Tech.)

Annexure –12

Valid Consent to Operate (CTO)

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
Email: ast@mpcb.gov.in



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

RED/M.S.I (R58)

No:- Format1.0/AS(T)/UAN No.0000119715/CR- 2)0000177

Date: 05/10/21

To,
Benzo Chem Industries Pvt. Ltd.
B-26,27 & 14,15,M.I.D.C. Area, Dasarkhed
Malkapur,Buldhana-Buldhana



Your Service is Our Duty

Sub: Renewal of consent to Operate with increase in capital investment.

Ref: Format1.0/AS(T)UAN No.0000004630/A/CO-20006000024, dated 26/06/2020

Your application No.MPCB-CONSENT-0000119715 Dated 11.08.2021

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:

- The consent to renewal is granted for a period up to 30/09/2026**
- The capital investment of the project is Rs.42.02 Crs. (As per C.A Certificate submitted by industry Existing CI is-Rs. 16.22/- Crs + Expansion/Increase in C.I. - Rs. 25.8Crs)**
- Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	Para Chloro Benzyl Cyanide/ Para Chloro Benzyl Chloride /Para Fluro Benzaldehyde/ Para Chloro Benzaldehyde/ Para Chloro Phenyl Acetic Acid/Para Chloro Methyl Ether/Para Chloro Benzo Tri Chloride	58	MT/M
	Ortho Chloro Benzyl Cyanide/Ortho Chloro Benzyl Chloride/Ortho Chloro Benzaldehyde/Ortho Chloro Phenyl Acetic Acid/2:4:6: Tri Methyl Phenyl Acetic Acid/2:4:6: Tri Methyl Phenyl Acetyl Chloride/Methyl 2-Chloro Phenyl Acetate		
	2:4 Di Chloro Toluene/2:4 Di Chloro Benzyl Chloride/2:4 Di Chloro Benzyl Cyanide/2:4 Di Chloro Phenyl Acetic Acid/2:4 Di Chloro Phenyl Acetyl Chloride/2:4 Di Chloro Benzaldehyde/Meta Chloro Benzyl Cyanide/Meta Chloro Benzyl Chloride/Meta Chloro Benzaldehyde/Meta Chloro Phenyl Acetic Acid		

Sr No	Product	Maximum Quantity	UOM
1	2:5 Di Methyl Phenyl Acetic Acid/2:5 Di Methyl Phenyl Acetyl Chloride/ Di Chloro Ortho Xylene/Tetra Chloro Ortho Xylene/Ortho Methyl Benzyl Chloride/Ortho Methyl Benzyl Cyanide/Ortho Methyl Phenyl Acetic Acid/2 Chloro 4,6 Di Methoxy 1,3,5 Triazine/Benzaldehyde 2, 4-Disulphonic acid di sodium Salt		

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

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	12.85	As per Schedule-I	Recycle 100% to achieve ZLD
2.	Domestic effluent	6.00	As per Schedule-I	Soaked in soak pit

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

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S-1	Steam Boiler	1	As per Schedule -II
2	S-1 (Common chimney for both stack)	Thermic fluid heater	1	As per Schedule -II
3	S-2	Process stack - Chlorination (4 Nos)	1	As per Schedule -II
4	S-3	Process Stack - Ammonia	1	As per Schedule -II
5	S-4	DG SET (380 KVA)	1	As per Schedule -II

6. Non-Hazardous Wastes:

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Coal Ash	30	MT/M	Sale	Sale to Brick Manufacturer

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

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	20.3 Distillation residues	0.50	MT/M	Landfill/ Incineration	CHWTSDF
2	28.1 Process Residue and wastes	30	MT/M	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
3	28.1 Process Residue and wastes	9.40	MT/M	Landfill/ Recycle*	Sale to authorised party / CHWTSDF
4	28.1 Process Residue and wastes	25	MT/M	Landfill/ Recycle*	Sale to authorised party / CHWTSDF

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

8. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
10. Industry shall also comply with the industry specific standards notified under Environment Protection Act.
11. 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.
12. This consent is issued as per the Office Order for Consent Management of the Board No. 12/2020 dtd. 23.12.2020.
13. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent.

For and on behalf of the
Maharashtra Pollution Control Board.

(P.K.Mirashe)

Assistant Secretary (Tech.)

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	75000.00	TXN2108001938	20/08/2021	Online Payment
2	300000.00	TXN2109000986	14/09/2021	Online Payment
3	75000.00	TXN2109000987	14/09/2021	Online Payment

Copy to:

1. Regional Officer, MPCB, Amravati and Sub-Regional Officer, MPCB, Akola
- 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 provided Effluent Treatment Plant (ETP) of designed capacity of 60.00 CMD consisting of Primary (Collection tank, Neutralization tank, Equalization tank, Primary Clarifier/Primary Settling Tank), Tertiary (Pressure sand filter, Activated carbon filter), Advanced treatment (Multi effective evaporator), Sludge treatment (Sludge drying bed) for the treatment of 12.85 CMD of trade effluent.
- B) The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent and recycle the entire treated effluent into the process for various purposes such as for cooling, process & Scrubbing with metering system so as to achieve Zero Liquid Discharge. There shall be no discharge on land or outside factory premises.
- C) The Industry shall ensure connectivity online monitoring system to the MPCB server including separate energy meter for pollution control system.
2. A) As per your application, you have provided Septic Tank followed by Soak pit for the treatment of 6.00 CMD of sewage.
- B) The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

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

- C) The treated sewage shall be soaked in soak pit and overflow if any shall be discharged on land for gardening within premise after confirming above standards.
3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	120.00
2.	Domestic purpose	8.00

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	5.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	10

out of 5 CMD process effluent (Process 4 CMD & Scrubber 1 CMD)

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

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

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

Stack No.	Source	APC System provided/proposed	Stack Height (in mtr)	Type of Fuel	Sulphur Content (in %)	Pollutant	Standard
S-1	Steam Boiler	Dust Collector & Bag Filter	30.50	Coal/Agro waste 846 Kg/Hr	1	TPM	150 Mg/Nm ³
				Coal/Agro waste 846 --NA--	-	SO ₂	203 Kg/Day
S-1 (Common chimney for both stack)	Thermic fluid heater	Multi Cyclone	30.50	Coal/Agro waste 150 Kg/Hr	0.5	TPM	150 Mg/Nm ³
						SO ₂	36 Kg/Day
S-2	Chlorination (4 Nos)	Scrubber for HCL & Cl	12.00	-	-	HCL	35 Mg/Nm ³
						Chlorine	03 PPM
S-3	Hydrolysis	Ammonia Scrubber	12.00	-	-	NH ₃	50 PPM
S-4	DG Set	Acoustic Enclosure	4.00	Diesel 60 --NA--	1	TPM	150 Mg/Nm ³
						SO ₂	10 Kg/Day

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
5. Solvent Management shall be carried out as follows:
- Reactors shall be connected to Water / Chilled Water /Brine Condenser system.
 - Reactors and solvent handling pumps shall have mechanical seals to prevent the leakages.
 - The condensers shall be provided with adequate Heat transfer area (HTA) and residence time so as to achieve more than 97% overall recovery
 - Solvents shall be stored in a separate space specified with all safety measures.



- 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:**

Sr. No	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Interim Directions	5/- Lakhs	15 Days	Compliance of Interim Directions	30/09/2026	31/01/2027
2	C to R	1/- Lakh	15 days	O & M of pollution control systems & compliance of consent conditions.	30/09/2026	31/01/2027

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

BG Forfeiture History

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

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG Imposed	Purpose of BG	Amount of BG Returned
NA				

**SCHEDULE-IV
General Conditions:**

1. The Energy source for lighting purpose shall preferably be LED based
2. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant



3. Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
4. The applicant shall maintain good housekeeping.
5. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
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7. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
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9. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
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11. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
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13. The PP shall provide personal protection equipment as per norms of Factory Act
14. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.



Maharashtra Pollution Control Board

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15. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
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19. Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
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27. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.



Maharashtra Pollution Control Board
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28. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
29. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
30. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
31. 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.
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For and on behalf of the
Maharashtra Pollution Control Board.

(P.K. Mirashe)
Assistant Secretary (Tech.)

Annexure – 13

Valid CHWTSDF certificate

MAHARASHTRA ENVIRO POWER LIMITED

(Nagpur Unit)



Agreement to provide facility of

**'COMMON HAZARDOUS WASTE TREATMENT,
STORAGE & DISPOSAL FACILITY'**

Between

MAHARASHTRA ENVIRO POWER LIMITED (Nagpur Unit)**AND****BENZO CHEM INDUSTRIES PVT. LTD. (OLD),**

PLOT NO. B – 26, B – 27, MIDC DASARKHED,

TAH. MALKAPUR,

DIST. BULDHANA – 443 101.

On

11/07/2019

Valid up to

10/07/2024

-: Registered Office:-

267, Ganesh Phadnavis Bhavan, Triangular Park, Dharampeth,
Nagpur - 440010 (M.S.) IndiaTel. No: +91 712 7125000, 7125200 Fax: +91 712 7125100 Web: www.smsl.co.inSeal & Signature
(MEPLNU)

Page 1 of 12

Seal & Signature
(Member)



महाराष्ट्र MAHARASHTRA

2019

VF 119207

06 JUL 2019

MEMBERSHIP AGREEMENT

This Membership Agreement ("**Agreement**") is executed at Nagpur on this _____ day of _____, 2019 by & between:

Maharashtra Enviro Power Limited (Nagpur Unit) (hereinafter referred to as '**MEPL**' for short), a company incorporated and registered under the provisions of the Companies Act, 1956 and having its registered office at 267, Ganesh Phadnavis Bhawan, Triangular Park, Dharampeth, Nagpur, Maharashtra, (India) (hereinafter referred to as "**The First Party**" which expression shall unless repugnant to the context or meaning thereof shall mean and include its successors, assignees etc.) on **FIRST PART**;

AND

M/s. Benzo Chem Industries Pvt. Ltd., (hereinafter referred to as '**THE MEMBER**'), which is a Company duly incorporated under the Provisions of The Companies Act 1956 and having its registered office at "Madhukunj" Ground Floor, Shankar Ghanekar Marg., Off Sayani Road, Prabhadevi, Mumbai hereinafter referred to as "**The Second Party**", which expression shall unless repugnant to the context of meaning thereof shall mean and include its Successors, Business, Assignees etc.) On the **SECOND PART**;

Seal & Signature
(MEPL/NU)



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Seal & Signature
(Member)

WHEREAS:

- 1) The Second Party is, inter alia, engaged in the business activities relating to **manufacturing of MGF. Of Chemicals** generating Hazardous / Industrial Solid Waste (hereinafter referred to as "Hazardous Waste") as specified in Hazardous Waste (Management and Handling) Rules, 1989 and now amended as Hazardous and Other Waste (Management & Transboundary Movement) Rules, 2016 (hereinafter referred to as "The Rules").

The Hazardous Waste is specified below as per consent to Operate and actual waste generation.

Sr. No.	Items No. of process generating HW as per Schedule-I	Type of Waste	Quantity	Disposal
01	20.3	Distillation Residue	0.50 MT/M	CHWTSDF
02	34.3	Chemical Sludge From Waste Water Treatment	0.50 Kg/Day	CHWTSDF

- 2) The Party of the second part is desirous of disposing off its 'Hazardous Waste' as specified in the Rules and confirming to the norms laid down by MPCB and in furtherance thereto, the Party of the second part has approached to the First Party for managing the disposal of its 'Hazardous Waste' as specified in the Rules and conforming to the norms laid down by MPCB, since the Party of the first part has set up '**Common Hazardous Waste Treatment, Storage & Disposal Facility**' at MIDC Industrial Area, Butibori NAGPUR.
- 3) The First Party has agreed to treat 'Hazardous Waste' of the Second Party on the 'Terms and Conditions' stated hereunder which have been mutually agreed to between the 'MEPL' and 'THE MEMBER'.

NOW THIS AGREEMENT WITNESSTH AS FOLLOWS:

1. DEFINITIONS AND INTERPRETATIONS

- 1.1 "TIME" shall be stated in Hours and shall mean Indian Standard Time.
- 1.2 "WORKING DAY" means a period of twelve (12) consecutive hours beginning at 08.00 hours and ending at 20.00 hours.
- 1.3 "WEEK" means a period of seven (7) consecutive days beginning from the first day of the week i.e. Monday.
- 1.4 "MONTH" means a period beginning at 8.00 hours on the first day of Calendar Month and ending at 8.00hours on the first day of succeeding Calendar Month.
- 1.5 "YEAR" means a period of three hundred and sixty five (365) consecutive days or three hundred and sixty six (366) consecutive days when such period includes a twenty ninth (29th) day of February beginning at 8.00 hours from a day.

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(Member)

- 1.6 "FINANCIAL YEAR" means a period of three hundred and sixty five (365) consecutive days or three hundred and sixty six (366) consecutive days when such period includes a twenty ninth (29th) day of February beginning at 8.00 hours from a day of first April.
- 1.7 "FACILITY" means 'Common Hazardous Waste, Treatment, Storage & Disposal Facility cum Power Generation'
- 1.8 "Hazardous Waste" means 'Hazardous Waste' as specified in Hazardous Waste (Management and Handling) Rules, 1989 and now amended as Hazardous and Other Waste (Management & Transboundary Movement) Rules, 2016.
- 1.9 "Rules" means Hazardous Waste (Management and Handling) Rules, 1989 and now amended as Hazardous and Other Waste (Management & Transboundary Movement) Rules, 2016.
- 1.10 "MPCB" means 'Maharashtra Pollution Control Board' (a state pollution control board).
- 1.11 "MIDC" means 'Maharashtra Industrial Development Corporation' (a state industrial corporation).
- 1.12 "CPCB" means 'Central Pollution Control Board'.
- 1.13 "RATE LIST" means rates fixed by "MEPL" from time to time w.r.t. Membership deposit, treatment charges, transportation charges, MIDC charges, toll tax, service tax and others as applicable.
- 1.14 The headings of or title to the Clauses in this **AGREEMENT** shall not be deemed to be a part thereof or be taken into consideration in the interpretation or construction thereof of the **AGREEMENT**.
- 1.15 Words imparting the singular only also include the plural and vice versa where the contexts so require.
- 1.16 The present agreement is entered into by 'MEPL' for Collection, Transportation, Treatment & Disposal of Hazardous Waste generated by Second Party.

2. **PERIOD OF AGREEMENT :**

2.1 The present agreement shall come into force from

1	1	0	7	2	0	1	9
D	D	M	M	Y	Y	Y	Y

The date mentioned on the Membership Certificate and that the present Agreement shall remain in force for a period of five (5) consecutive years, effective from above named date, and ends on

1	0	0	7	2	0	2	4
D	D	M	M	Y	Y	Y	Y

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(Member)

3. **EXTENSION PERIOD OF AGREEMENT :**

- 3.1 If the Members wishes to send its Hazardous Waste after the expiry of the present Agreement, it shall give three (3) months advance notice to 'MEPL' of its desire of extended period of facility and 'MEPL' shall, subject to the availability of space, consider the request and may in its absolute discretion, offer terms for the fresh Agreement. Both the parties hereto shall, after reaching an Agreement on the offered terms, execute a fresh Agreement at least one (1) month before the date expiry of this Agreement.
- 3.2 Both the Parties hereto agree that the present Agreement shall automatically come to an end in any of the following eventualities:
- (i) On expiry of Authorization granted to the Member and the same having not been renewed or the same having been not granted by MPCB.
 - (ii) On expiry of the present Agreement where no fresh agreement is signed and executed between parties hereto as mentioned above.
 - (iii) On Authorization to 'MEPL' being cancelled refused or not granted by MPCB. In such case MEPL will inform the generator immediately.

4. **MEMBERSHIP**

- 4.1 The membership under this agreement is **Not Transferable** in any manner whatsoever.

5. **TRANSPORTATION**

- 5.1 As agreed herein above, 'MEPL' shall provide Dumpers / Tractors / Trucks duly authorized by 'MEPL' /MPCB' to the Member for transporting its Hazardous Waste to the disposal site of 'MEPL' at the cost of the Member.
- 5.2 The 'Transportation Charges' per MT per km from disposal site to the destination and back to disposal site will be as per the rate list fixed by 'MEPL' from time to time, which will be intimated to Member from time to time.
- 5.3 Minimum 90% of Container Capacity or Truck Load Capacity shall be charged for Transportation.
- 5.4 The generator will provide details of the waste by filling **Form 8** as per Hazardous Waste Management & Handling Rules 1989 & as amended thereafter.
- 5.5 The Generator will provide details of the Hazardous Waste & its characteristics regarding presence of explosive/ignitibility/corrosiveness/toxicity/odor in the manifest **Form -10** as per the Hazardous Waste Management rules 1989 & amended thereafter.
- 5.6 Trem Card i.e. **Form - 9** as per the Hazardous Waste Management rules 1989 & amended thereafter to be duly filled & handed over to the Transporter.
- 5.7 In case of any false information provided by the generator, liabilities will lie on him as per the Hazardous Waste Management Rules 1989 & amendments thereafter

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Seal & Signature
(Member)

6. **OBLIGATION OF THE MEMBERS:**

- 6.1 While entering into the present Agreement with 'MEPL', Member shall submit the categories of Hazardous Waste and its desire to dispose off the same and that the said categories of Waste shall be as per the parameters specified in the Schedule of Hazardous Waste (Management and Handling) Rules 1989, as amended from time to time. The member shall also give true and correct information related to the description, amount, nature and toxicity of Hazardous Waste Substance.
- 6.2 The Member will declare that it shall take all Primary Treatment arrangement at its premises for any toxic material that may be notified by 'MEPL' or MPCB or any other Authority prescribed under the relevant provisions of Law in this behalf for the time being in force, before disposing its Hazardous Waste to 'MEPL'
- 6.3 The Member is obliged to intimate 'MEPL' to send Dumpers / Tractors / Trucks duly authorized by 'MEPL' and on arrival of the same at the member's site, the member shall be responsible for loading its Hazardous Waste into the said Dumpers / Tractors / Trucks, at the member's own cost and within 4 (four) hours of the said arrival or less, as may be notified by 'MEPL' from time to time. If the detention of the said Dumpers / Tractor / Trucks at the member's site exceeds the notified period, there shall be levied detention charges per an extra hours and part thereof to the respective member at the rate which may be fixed and/or revised by 'MEPL' from time to time.
- 6.4 Before Hazardous Waste is loaded in the Dumpers / Tractor / Trucks etc. of 'MEPL', the Member shall ensure that the said waste is packed in a manner suitable for transportation. The packing cost will be borne by the member.
- 6.5 If and when an accident occurs while loading Hazardous Waste at the Member's site, the Member availing facility shall immediately report to MEPL and MPCB about the accident.
- 6.6 The Member shall be bound to accept Hazardous Waste back in the same condition and bear the cost of return transportation, if the same is rejected by 'MEPL' due to any of the following reasons:
- The variation in waste characteristics is beyond 5%
 - The improper packing and loading of wastes resulted in spillage and leakage
 - The membership is expired
 - The members is not having required balance amount in its account.

If it fails to do so, its membership will be terminated.

- 6.7 The Member shall comply with the provision of Environment (Protection) Act, 1986 and the Rules as amended from time to time as also with the condition of the present agreement and that any breach of this agreement committed by the member **will allow MEPL to terminate this agreement.**

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(MEPLNU)



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Seal & Signature
(Member)

7. **QUALITY:**

- 7.1 The Member hereby covenants to see that its Hazardous Waste shall, under all circumstances, conform to the norms specified by MPCB and as prescribed under the provisions of law for the time being in force.
- 7.2 The Member shall not send in any case, Hazardous Waste containing toxic materials in **limits of concentration** as specified above or that may be notified by 'MEPL/ MPCB from time to time.

8. **QUANTITY:**

- 8.1 Subject always to the availability of space with 'MEPL', the member agrees to send on firm basis to 'MEPL', its own Hazardous Waste subject to minimum of **6.180 MT/ Yr.** which will be called the contracted minimum quantity.
- 8.2 If the member sends the Hazardous Waste at the rate less than 60% of the aforesaid contracted minimum quantity, the member shall be liable to still pay to 'MEPL' for the 60% of the minimum quantity.
- 8.3 The material like HDPE Barrels/MS Barrels/Poly Bags/Gunny Bags/Glass Bottles/Plastic Bottles etc. used for packaging & shipment of waste will not be returned to the member as it is mentioned as "Hazardous Waste" in the waste Category No. 33.3 as per The Hazardous and Other Waste (Management & Transboundary Movement) Rules, 2016
- 8.4 If the generation of Hazardous waste of the member increases due to expansion in the capacity and thus increases the Capital Investment of the member, the member will have to pay additional membership deposit as per the rate list, if he shifts in a higher bracket as per the rate list.

9. **BILLING AND PAYMENT OF DISPOSAL CHARGES:**

- 9.1 The rate list in respect of providing the services by MEPL has been duly approved and agreed by the member and member undertake and agrees to pay MEPL as per the rate prescribed in the rate list. The rate list prevailing as on the date of execution of the present agreement is annexed here with as annexure A1 to this agreement and it shall be the part and parcel of the present agreement. It is further mutually agreed that the said rate & the rate list is subject to change as enumerated here in under clause pertaining to escalation.
- 9.2 The member shall effect arrangement to make the payment of interest free deposit as per the rate list. The said rate amount of interest free deposit will be adjusted against the waste disposal charges whenever the generator desires to withdraw due to non-generation of Hazardous Waste amended in the consent by MPCB /Closure of facility at our end and the balance amount will be refunded to the member forthwith.
- 9.3 The samples will be drawn and will be analyzed at MEPL laboratory .The analysis charges for this purpose shall be borne by the respective Member only.
- 9.4 The rate list in respect of providing the services by MEPL has been duly approved & agreed by the member.

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(MEPLNU)



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Seal & Signature
(Member)

- 9.5 'MEPL' shall charge the Member on the basis of weighment to be done at disposal site at the rates as per rate list. If the Weigh Bridge at disposal site is not working, it will be weighed at outside Weigh Bridge approved by 'MEPL'.
- 9.6 The member covenants that the charges for the disposal of its Hazardous Waste as notified by 'MEPL' shall be subject to revision during the currency of this Agreement and as and when the revision is called for, 'MEPL' shall inform the Member in advance. The revision in the charges shall be done as per the escalation clause given as below: -

Material Component	POL component
K1	K2
50 %	50%

(A) Formula for Materials Component

$$V1 = P \times (K1)/100 \times (Ii-Io)/Io$$

Where,

V1 = Amount of price variation Rupees to be applied.

P = Base Fees

K1 = Percentage of material component as indicated above

Io = Basis wholesale price index determine and published by the Reserve Bank of India from time to time, as above on the date 30 days preceding the last date prescribed for the receipt of proposal.

Ii = Average Wholesale price ascertained as above during the period under consideration, determine and published by the reserve bank of India from time to time.

(B) Formula for Petrol, oil and Lubricant components

$$V2 = P \times (K2)/100 \times (P1-Po)/Po$$

Where,

V2 = Amount of price variation Rupees to be applied.

P = Base Fees

K2 = Percentage of Petrol, oil and lubricant as indicated above

P1 = Average price of H.S.D. at the nearest petrol pump to the project site during the period under consideration.

Po = Average price of H.S.D. at the nearest petrol pump to the project site on the 30 days preceding the last date prescribed for the receipt of proposal.

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(MEPL/NU)



Seal & Signature
(Member)

- 9.7 The member shall immediately upon the receipt of the bill from the 'MEPL', make the payment on or before the due date mentioned in the bill. Interest at the rate of 18% per annum shall be charged by 'MEPL' in case of delayed payment by the Member 'in respect of the bill.
- 9.8 It is hereby agreed by and between the parties hereto that delayed payment means any payment not received within the stipulated due date of any invoice raised against the Member by 'MEPL'. 'MEPL' reserve its right to discontinue the arrangement under this agreement on account of non-payment of any of its outstanding amounts in due course.
- 9.9 In case of default / dishonor in payment and subsequent settlement of outstanding dues, 'MEPL' shall restart the performance of the facilities under this Agreement to the Member only on receipt of DEMAND DRAFT of the said amount within 24 hours. In the event of discontinuation of the arrangement under this Agreement because of non-payment of dues in time or for reasons attributable to the Member, the Member shall make payment of Rs. 500/- as charges for continuation facility.
- 9.10 The Member shall be bound by the analysis result / reports of 'MEPL' for disposal charges and shall not call the same in question for any reason whatsoever.

10. DEFAULT :

- 10.1 If the Member fails and /or defaults in the discharge of any of his obligation under the present Agreement, the 'MEPL' shall have discretion to (i) refuse to accept Hazardous Waste of the Member for disposal without assigning any reason, and / or (ii) notify to the MPCB the name of the Member informing about such default and that its Hazardous Waste would not be taken for disposal by 'MEPL' on account of such deemed to cause pollution and that the Member be liable as polluter under the Pollution Laws, and/or, (iii) notify to MPCB to take such action as may be deemed necessary in respect of such member.
- 10.2 'MEPL' reserve its right to accept or refuse membership. In event of Member committing any breach/violation of the condition of the present Agreement or any provision of Law/Act/Rules for the time being in force, 'MEPL' reserves its right to suspend/cancel the membership for such period as it deem fit without giving any reason or prior notice.
- 10.3 'MEPL' shall inform the MPCB and/or concerned authority about the same in the event of discontinuation of the membership of any member.
- 10.4 The suspension / termination shall be revoked only at the sole discretion of 'MEPL' after it is satisfied that its conditions have been met.
- 10.5 MEPL shall have the right to visit the Members Site for Sample Collection, Observation of all Hazardous Waste generation source and process and Hazardous Waste Storage Shed/Yard. The visit shall be mutually coordinated and The Members should cooperate for arranging such visits.

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(MEPLNU)



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(Member)

11. TRANSFER OF RIGHTS

- 11.1 'MEPL' may at any time transfer or assign its rights and obligations under the AGREEMENT to any other company or business concern by giving intimation in writing to the Member. Upon such transfer or assignment, only the transferee or assignee shall be liable for the obligations herein contained.

12. PREVIOUS CORRESPONDANCE

- 12.1 Save and except all discussions and meetings held and correspondence exchanged between 'MEPL' and the MEMBER in respect of the Agreement and any decisions arrived at therein in the past and before the coming into force of the present AGREEMENT and no reference of such discussions or the MEMBER for interpreting the present Agreement or otherwise. Whereas, solid waste data sheet & application form, will be treated to be the part of this agreement.

13. ARBITRATION

- 13.1 In case of any dispute or difference of opinion arising out of the present Agreement, the matter shall be referred to an Arbitrator mutually agreed upon by the member and the 'MEPL', whose decision on the issue shall be final and binding on both the parties.

14. LAWS GOVERNING THE AGREEMENT

- 14.1 The present Agreement shall be subject to Indian Laws, rules and regulations and notifications etc. issued under such laws.

15. AMENDMENTS:

- 15.1 'MEPL' has at any point of time make suitable change in the present Agreement after serving a notice to the said Member & after mutually agreeing to the amendments.

16. TERMINATION OF AGREEMENT

- 16.1 'MEPL' has the unrestricted right to terminate this AGREEMENT by producing 30 days notice and deduct its all pending claims from the deposit of the MEMBER.
- 16.2 Second Party can terminate this Agreement after giving a written Notice of at least 30 days to the other party. The provision relating to minimum charges shall be applicable, also during the notice period.

17. JURISDICTION

- 17.1 Subject to the provisions of Clause – 15 of the present Agreement, 'MEPL' and the Member mutually agree that the Civil Court at Nagpur only shall have jurisdiction for all the disputes/differences arising out of this Agreement.
- 17.2 The addressees of the parties hereto unless changed by written notification to be given at least 15 days in advance by registered letter prior to proposed date of change, shall be as follows.

Seal & Signature
(MEPLNU)



Seal & Signature
(Member)

First Party

MAHARASHTRA ENVIRO POWER LIMITED (Nagpur Unit)

Reg. Office:
267, Ganesh Phadnavis Bhavan,
Near Triangular Park, Dharampeth,
Nagpur – 440 010.
Maharashtra (India)

Site Office:
Plot No. CHW-1, Mandwa,
Butibori Industrial Area,
Taluka – Hingna, Nagpur – 441108.
Maharashtra (India)

Second Part

M/s. BENZO CHEM INDUSTRIES PVT. LTD. (OLD),

Registered Office:
"Madhukunj", Ground Floor,
Shankar Ghankar Marg.,
Opp. Sayani Road, Prabhadevi,
Mumbai.

Site Office:
Plot No. B – 26, B – 27,
MIDC Industries Dasarkhed,
Tah. Malkapur,
Dist. Buldhana – 443 101.

IN WITNESS WHEREOF the parties hereto acting through their properly constituted representatives have set their hands to cause this AGREEMENT signed and executed in their respective names and on their behalf.

For and on behalf of **MEPL**

For and on Behalf of member

Name : **Mr. Prashant Maske**
Designation : Unit Head, MEPL
Address : CHW01, Mandwa, Butibori
Ind. Estate, Butibori, Nagpur.

Name : **P.N. Zope**
Designation : **Director**
Address : **B-26, 27 & B-14, 15**
Witness : **MIDC Area, Dasarkhed,
Malkapur**

Witness :
1.....
Name : **Mr. Hemant Kale**
Designation : **Manager (Marketing)**
Address : **CHW01, Mandwa, Butibori**
Ind. Estate, Butibori, Nagpur.

1.....
Name : **D. D. Joshi**
Designation : **ASST. Manager A/C.**
Address : **B-26, 27 & B-14, 15**
MIDC Area Dasarkhed
Malkapur.

2.....
Name : **Mr. Rajesh Kumbharkhane**
Designation : **Officer (Marketing)**
Address : **CHW01, Mandwa, Butibori,**
Ind. Estate, Butibori, Nagpur.

2.....
Name : **D. S. DHARE**
Designation : **HR & ADMIN EXECUTIVE**
Address : **B-26, 27 & B-14, 15**
MIDC Area, Dasarkhed,
Malkapur

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(MEPLNU)



Seal & Signature
(Member)

**WASTE MANAGEMENT & HANDLING SERVICE CHARGES OF CHWTSDF BUTIBORI NAGPUR.
MEMBERSHIP DEPOSIT SLAB:**

CATEGORY	RED	RED	ORANGE	ORANGE
Capital investment	MIDC	Non-MIDC	MIDC	Non-MIDC
< 60 Lacs	20,000	30,000	10,000	15,000
60 Lacs - 1 Crore	35,000	50,000	20,000	25,000
1 - 5 Crore	75,000	1,00,000	40,000	50,000
5 - 10 Crore	1,00,000	1,50,000	50,000	75,000
10 - 50 Crore	1,50,000	2,25,000	75,000	1,10,000
50-100 Crore	2,00,000	3,00,000	1,00,000	1,50,000
100 -200 Crore	3,00,000	4,50,000	1,50,000	2,25,000
200 Crore & above	5,00,000	7,50,000	2,50,000	3,75,000

DISPOSAL CHARGES: Yr. 2019-20

The generator has to pay the following charges for availing the services provided by MEPL:

Client Code	Waste Name	Disposal Pathway	Previous Disposal Charges	Revised Disposal Charges
33000163	ETP SLUDGE-DLF	DLF	2,185.00	2,303.00
33000163	DISTILLATION RESIDUE-INC	INC	21,815.00	22,990.00

- 1) Transportation Charges **Rs.5.05** for 9, 15 & 18MT & **Rs.9450/-** Sharing Transportation For 1MT Vehicles.
- 2) Unloading Charges **Rs. 110.00**

CONDITIONS FOR MEMBERSHIP:

Membership is valid as long as the user industry is in good understanding with CHWTSDF & has a valid authorization with MPCB.

- a) The membership deposit is one time refundable deposit. The membership deposit will be adjusted against the waste disposal charges, whenever the Generator desires to withdraw.
- b) Your membership can be used for disposing wastes at the CHWTSDF on a "user-pay-principle" against payment for disposal of wastes generated by your industry.
- c) This is valid only for disposal of Hazardous waste & shall not accept any other radioactive wastes, municipal wastes, Bio medical waste.
- d) Acceptance of wastes is dependent on the fulfillment of regulatory & statutory guidelines for operations of CHWTSDF issued from time to time.
- e) Pathway of Disposal of waste & its price shall be decided based on the guidelines issued from time to time & shall be at the discretion of CHWTSDF, as mutually agreed/and accepted by the party.
- f) Container requirement is dependent on member demand. Kindly discuss on the maintenance charges as applicable.
- g) Loading to be done by the generator.
- h) **Service Tax as applicable.**

PAYMENTS:

All payments to be made either by Cheque or by Demand draft drawn in favor of **Maharashtra Enviro Power Limited (Nagpur Unit)**. Payable at Nagpur.

All bill payments should reach to MEPL office within 15 days from the date of issue of bill.

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(MEPL/NU)



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(Member)

Annexure – 14

Workplace / Fugitive emissions monitoring report.

QF/LA/10-D

Report Date: 18.10.2022

Analysis Test Report For Work Place Monitoring

Name of the Industry :	M/S Benzochem Pvt. Ltd. Plot No.B-26, 27. Malkapur		
Date of Sampling :	10.10.2022	Sample Description :	Workplace
Date of Receipt of Sample :	11.10.2022	Sample Collected by :	Laboratory
Date of Analysis Started :	11.10.2022	Date of Analysis Completed :	18.10.2022
Sampling Plan :	QF/LA/01 B – 30.09.2022	Sampling Location :	Process plant
Sampling Method :	Refer test method		

Sample Code No.	Location	Parameter	Result	Limit	Unit	Test Method
GFL/AW/22/10-15	Process Plant	SPM	1.08	10	mg/m ³	Gravimetric
		SO ₂	2.68	10	µg/m ³	IS 5182 (Part-2):2001, Reaffirmed-2017 & CPCB NAAQS Volume I
		NO _x	11.12	--	µg/m ³	IS 5182 (Part-06):2006, Reaffirmed-2017 & CPCB NAAQS Volume I
		Methanol	ND	250	ppm	USEPA Method 0030
		Toluene	ND	150	ppm	USEPA Method 0030
		Xylene	ND	150	ppm	USEPA Method 0030

Remark: - ND =Not Detected

Sampling Carried out using
Handy Sampler Monitoring Kit
ID No. GOLDFINCH/INSTR-HD Sampler/83
Calibrated on – 05.08.2022
Calibration due – 04.08.2023

----- End of Report -----

For Goldfinch Laboratory



Verified and Authorized by

Annexure – 15

Noise monitoring reports

QF/LA/10-C

Report Date: 18.10.2022

Analysis Test Report For Ambient Noise Monitoring

Name of the Industry :	M/S Benzochem Pvt. Ltd. Plot No.B-26, 27, Malkapur		
Date of Sampling :	09.10.2022	Sample Description :	Noise
Date of Receipt of Sample :	11.10.2022	Sample Collected by :	Laboratory
Date of Analysis Started :	11.10.2022	Date of Analysis Completed :	18.10.2022
Sampling Plan :	QF/LA/01 B – 30.09.2022	Sampling Location :	Ambient Noise
Sampling Method :	Refer test method		

Sample Code	Location	Ambient Noise Level		Test Method
		Day dB(A)Leq	Night dB(A)Leq	
GFL/AN/22/10-16	Near Main Gate	59.6	53.0	IS 9989-1981 Reaffirmed 2014
GFL/AN/22/10-17	Near ETP Plant	59.4	49.8	
GFL/AN/22/10-18	Near Main Stores	56.6	54.0	
	M.P.C.B. Limit	75.0	70.0	

Survey carried out using dB meter
Sr. No. GOLDFINCH/INST- DB Meter /79
Calibrated On: 01.11.2021
Calibration due: 30.10.2022

----- End of Report -----

For Goldfinch Laboratory



Verified and Authorized by

Annexure – 16

EHS Policy



Health, Safety and Environment Policy

Vision

We will seek to minimize our working impact on the environment in all our operations. Benzo Chem is committed to providing a working environment that is safe and environment friendly, with all of our employees and partners being required to demonstrate exemplary behavior in the field of HSE.

Commitment

We are committed to:

1. Standardizing and enforcing HSE policies and procedures
2. Control and continuous improvement in the HSE performance at all levels
3. Ensuring compliance with regulations
4. Embedding an HSE-driven culture
5. Building strong HSE knowledge, awareness and capabilities
6. Enacting emission reduction measures to minimize environmental impact

Each of our business units must take responsibility for HSE excellence, consistent with the principles of subsidiarity evoked in the Group Charter.

Policy

We shall operate in a manner to continually improve Environment, Health & Safety Performance of the Organization and protecting the environment by Prevention of Pollution and initiating actions against identified Contexts during Manufacture of Intermediates for Pharmaceuticals, Agrochemicals and Specialty Chemicals

- Abide by applicable Compliance Obligations and other relevant requirements and emphasis on continual improvements and preventive measures for environment, Health and safety.
- Eliminate Environmental, Health & Safety incidents.
- Minimize the risks when handling, storage, processing of products and carrying out various processes.
- Conserving Natural Resources, minimizing Waste generation and recycle / reuse of waste where feasible.
- Communicating & insisting all interested parties to carry out their tasks in safe and environment friendly manner.

Date: 01st January 2017

Director

Annexure – 17

Stack monitoring reports

QF/LA/10-B**Report Date: 18.10.2022****Analysis Test Reports for Stack Emission Monitoring**

Name of the Industry :	M/S Benzochem Pvt. Ltd. Plot No.B-26, 27. Malkapur		
Date of Sampling :	10.10.2022	Sample Description :	Stack
Date of Receipt of Sample :	10.10.2022	Sample Collected by :	Laboratory
Date of Analysis Started :	11.10.2022	Date of Analysis Completed :	18.10.2022
Sampling Plan :	QF/LA/01 B – 30.09.2022	Sampling Location :	Thermic Fluid Heater Stack
Sampling Method :	Refer test method		

Sample Code No.	GFL/AS/22/10-12	Limits	Units	Test Method
Stack Attached To	Boiler and Thermic Fluid Heater Stack			IS 11255 (Part-3):2008, Reaffirmed 2018
Stack Diameter	0.5		meter	
Stack Height	30.5		meter	
Fuel used & Consumption	Coal /Agro waste 20		T/day	
Velocity of flue gases	6.07		m/s	
Temperature of flue Gases	119.75		°C	
Flow/volume of flue Gases	4288.45		m ³ /Hr	
Particulate Matter	88.34	150	mg/Nm ³	IS-11255 (Part-1):1985, Reaffirmed-2014
Sulphur Di Oxide Content	54.54	240	Kg/day	IS-11255 (Part-2): 1985, Reaffirmed-2014
Nox Conc.	34.61	–	mg/Nm ³	IS-11255 (Part7):2005, Reaffirmed-2017

Sampling Carried out using
Stack Monitoring Kit ID No.
GOLDFINCH/INST-STACK/50
Calibrated on –03.10.2022
Calibrated due – 02.10.2023

----- End of Report -----

For Goldfinch Laboratory



Verified and Authorized by

Page 1 of 1

QF/LA/10-B

Report Date: 18.10.2022

Analysis Test Reports for Stack Emission Monitoring

Name of the Industry :	M/S Benzochem Pvt. Ltd. Plot No.B-26, 27. Malkapur		
Date of Sampling :	10.10.2022	Sample Description :	Stack
Date of Receipt of Sample :	10.10.2022	Sample Collected by :	Laboratory
Date of Analysis Started :	11.10.2022	Date of Analysis Completed :	18.10.2022
Sampling Plan :	QF/LA/01 B – 30.09.2022	Sampling Location :	Ammonia Scrubber
Sampling Method :	Refer test method		

Sample Code No.	GFL/AS/22/10-14	Limits	Units	Test Method
Stack Attached To	Process Stack attached to Ammonia Scrubber			IS 11255 (Part-3):2008, Reaffirmed 2018
Stack Diameter	0.3		meter	
Stack Height	12		meter	
Fuel used & Consumption	--			
Velocity of flue gases	5.42		m/s	
Temperature of flue Gases	42		°C	
Flow/volume of flue Gases	1378.52		m ³ /Hr	
Ammonia	12.64	50	ppm	IS-11255 (Part 6):1999, Reaffirmed in 2014

Sampling Carried out using
Stack Monitoring Kit ID No.
GOLDFINCH/INST-STACK/50
Calibrated on -03.10.2022
Calibrated due - 02.10.2023

----- End of Report -----

For Goldfinch Laboratory

Verified and Authorized by

QF/LA/10-B

Report Date: 18.10.2022

Analysis Test Reports for Stack Emission Monitoring

Name of the Industry :	M/S Benzochem Pvt. Ltd. Plot No.B-26, 27, Malkapur		
Date of Sampling :	09.10.2022	Sample Description :	Stack
Date of Receipt of Sample :	11.10.2022	Sample Collected by :	Laboratory
Date of Analysis Started :	11.10.2022	Date of Analysis Completed :	18.10.2022
Sampling Plan :	QF/LA/01 B – 30.09.2022	Sampling Location :	HCl & Cl ₂ Scrubber
Sampling Method :	Refer test method		

Sample Code No.	GFL/AS/22/10-13	Limits	Units	Test Method
Stack Attached To	Process Stack attached to HCl and Cl ₂ Scrubber			IS 11255 (Part-3):2008, Reaffirmed 2018
Stack Diameter	0.3		meter	
Stack Height	12		meter	
Fuel used & Consumption	–			
Velocity of flue gases	5.21		m/s	
Temperature of flue Gases	30		°C	
Flow/volume of flue Gases	1325.11		m ³ /Hr	
Acid Mist as HCl	5.26	35	mg/Nm ³	USEPA method 0050

Sampling Carried out using
Stack Monitoring Kit ID No.
GOLDFINCH/INST-STACK/50
Calibrated on –03.10.2022
Calibrated due – 02.10.2023

----- End of Report -----

For Goldfinch Laboratory



Verified and Authorized by

Annexure – 18

**Form –V submitted online
for the existing facility**



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2022

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000049045

Submitted Date

29-09-2022

PART A

Company Information

Company Name

Benzo Chem Industries Private Ltd.

Application UAN number

-

Address

B-26,27 & 14,15 M.I.D.C. AREA, Dasarkhed
Tal.Malkapur City Malkapur Dist.Buldhana

Plot no

B-26,27 & 14,15 M.I.D.C. AREA

Taluka

MALKAPUR

Village

DASARKHED

Capital Investment (In lakhs)

1622

Scale

MSI

City

MALKAPUR

Pincode

443101

Person Name

P.N.ZOPE

Designation

General Manager-Works

Telephone Number

07267262245

Fax Number

07267262341

Email

zope@benzochem.co.in

Region

SRO-Akola

Industry Category

Red

Industry Type

R22 Organic Chemicals manufacturing

Last Environmental statement submitted online

yes

Consent Number

Format1.0/AS(T)/UAN
No.0000119715/CR-2110000177

Consent Issue Date

2021-10-05

Consent Valid Upto

2026-09-30

Establishment Year

1997

Date of last environment statement submitted

Sep 30 2021 12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)

Product Information

Product Name

PARA CHLORO BENZYL CHLORIDE

Consent Quantity

696

Actual Quantity

24.778

UOM

MT/A

PARA CHLORO BENZYL CYANIDE

696

68.234

MT/A

PARA CHLORO PHENYL ACETIC ACID

696

33.523

MT/A

PARA CHLORO BENZALDEHYDE

696

151.727

MT/A

ORTHO CHLORO BENZYL CHLORIDE

696

12.239

MT/A

ORTHO CHLORO BENZYL CYANIDE

696

1.286

MT/A

ORTHO CHLORO PHENYL ACETIC ACID

696

53.374

MT/A

METHYL 2-CHLORO PHENYL ACETATE	696	39.442	MT/A
ORTHO CHLORO BENZALDEHYDE	696	38.427	MT/A
META CHLORO BENZYL CHLORIDE	696	7.832	MT/A
META CHLORO BENZYL CYANIDE	696	94.643	MT/A
META CHLORO PHENYL ACETIC ACID	696	0.398	MT/A
META CHLORO BENZALDEHYDE	696	0.462	MT/A
2,4 DICHLORO PHENYL ACETYL CHLORIDE	696	9.034	MT/A
2,4 DICHLORO BENZALDEHYDE	696	2.966	MT/A
2,4 DI SULPHONIC ACID DI SODIUM SALT (P)METHYL PHENYL ACETYL CHLORIDE	696	4.814	MT/A
2,4 DI SULPHONIC ACID DI SODIUM SALT (L)	696	14.300	MT/A
2,5 DI METHYL PHENYL ACETYL CHLORIDE	696	54.516	MT/A
2,4,6 TRI METHYL PHENYL ACETYL CHLORIDE	696	4.470	MT/A
ORTHO METHYL BENZYL CHLORIDE	696	41.104	MT/A
ORTHO METHYL BENZYL CYANIDE	696	28.853	MT/A
ORTHO METHYL PHENYL ACETIC ACID	696	6.900	MT/A

By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM
HYDROCHLORIC ACID	360	0	MT/A
SODIUM CHLORIDE	112.8	0	MT/A

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	120	118.00
Domestic	8	7.85
All others	10	10.00
Total	143	139.70

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	12.85	12.30	CMD
Sewage Effluent	6	5.3	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
PARA CHLORO BENZYL CHLORIDE	0	0.55	MT/A
PARA CHLORO BENZYL CYANIDE	75.890	1.522	MT/A
PARA CHLORO PHENYL ACETIC ACID	0	0.75	MT/A
PARA CHLORO BENZALDEHYDE	0	3.386	MT/A
ORTHO CHLORO BENZYL CHLORIDE	35.809	0.27	MT/A

ORTHO CHLORO BENZYL CYANIDE	0	0.03	MT/A
ORTHO CHLORO PHENYL ACETIC ACID	13.035	1.19	MT/A
METHYL 2CHLORO PHENYL ACCETATE	22.060	0.88	MT/A
ORTHO CHLORO BENZALDEHYDE	0	0.86	MT/A
META CHLORO BENZYL CHLORIDE	35.809	0.17	MT/A
META CHLORO BENZYL CYANIDE	54.193	2.11	MT/A
META CHLORO PHENYL ACETIC ACID	98.518	0.009	MT/A
META CHLORO BENZALDEHYDE	0	0.010	MT/A
2,4 DICHLORO PHENYL ACETYL CHLORIDE	92.736	0.20	MT/A
2,4 DICHLORO BENZALDEHYDE	1.005	0.07	MT/A
2,4 DI SULPHONIC ACID DI SODIUM SALT (P)	0	0.107	MT/A
2,4 DI SULPHONIC ACID DI SODIUM SALT (L)	0	0.319	MT/A
2,5 DI METHYL PHENYL ACETYL CHLORIDE	0	1.22	MT/A
2,4,6 TRI METHYL PHENYL ACETYL CHLORIDE	287.245	0.10	MT/A
ORTHO METHYL BENZYL CHLORIDE	0	0.92	MT/A
ORTHO METHYL BENZYL CYANIDE	0	0.64	MT/A
ORTHO METHYL PHENYL ACETIC ACID	7.181	0.15	MT/A

3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
1,3,5 TRI METHYL BENZENE	290.081	18.007	MT/A
2,4 DI CHLORO BENZYL CHLORIDE	143.492	29.548	MT/A
BENZYL TRI ETHYL AMMONIUM CHLORIDE-	1.198	1.770	MT/A
BLEACHING POWDER	0.166	0.102	MT/A
CAUSTIC SODA FLAKES	424.999	52.195	MT/A
CAUSITC SODA LYE	967.971	101.225	MT/A
FORMALDEHYDE SOLUTION	200.671	121.58	MT/A
HYDROCHLORIC ACID COMMERCIAL	3246.270	399.475	MT/A
LIQUID CHLORINE	205.200	45.995	MT/A
META CHLORO TOLUENE	150.168	3.082	MT/A
METHANOL	20.364	21.922	MT/A
PEG -400	12.116	15.870	MT/A
POTTASSIUM CARBONATE	24.366	25.790	MT/A
SODA ASH	15985	24.434	MT/A
SODIUM BICARBONATE	2.353	3.544	MT/A
SODIUM CYANIDE	337.276	50.086	MT/A
SODIUM SULPHITE	13.950	48.050	MT/A
SULPHURIC ACID	15.294	29.460	MT/A
THIONYL CHLORIDE	512.423	75.177	MT/A
TOLUENE	238.772	34.427	MT/A

TRI ETHYL AMINE	8.670	11.168	MT/A
CATALYST "X"	1.268	0.423	MT/A
DI METHYL FORMAMIDE	0	0.064	MT/A
TETRA BUTYL AMMONIUM BROMIDE -50%	0	6.650	MT/A
ORTHO CHLORO BENZYL CHLORIDE	0	12.032	MT/A
ORTHO CHLORO BENZYL CYANIDE	0	45.990	MT/A
PARA CHLORO BENZYL CHLORIDE	0	46.584	MT/A
META CHLORO BENZYL CHLORIDE	0	297.767	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Coal	7456	6781	MT/A
Agro Waste	7456	0	MT/A

Part-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
Suspended Solids	0.15	12	0	-	-
BOD	0.25	20	0	-	-
COD	0.84	68	0	-	-
Oil & Grease	0.001	0.1	0	-	-
Total Dissolved Solids	9.84	800	0	-	-
Chloride	0.39	32	0	-	-

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
PM (Thermic Heater)	9.66	85.4	-	-	-
Sulphur Dioxide (Thermic Heater)	42.8	378.5	-	-	-
PM (DG 380)	4.17	76.0	-	-	-
Sulphur Dioxide (DG 380)	3.86	70.3	-	-	-

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
20.3 Distillation residues	4.585	3.320	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
35.3 Chemical sludge from waste water treatment	4.710	3.470	MT/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
-	0	0	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Coal Ash	23	28.5	MT/M

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	MT/A

Part-F

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
20.3 Distillation residues	3.320	MT/A	Send to MEPL Nagpur
35.3 Chemical sludge from waste water treatment	3.470	MT/A	Send to MEPL Nagpur

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
-	0	MT/A	-

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
Water	0	0	0	0	80.0	0
Air	0	0	0	0	16.0	0

Part-H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
-	-	0

[B] Investment Proposed for next Year

<i>Detail of measures for Environmental Protection</i>	<i>Environmental Protection Measures</i>	<i>Capital Investment (Lacks)</i>
Upgradation of ETP	to reduce water pollution	80.0
Air Pollution Control devices	to reduce gases pollution	16.0
Tree Plantation	to control gases pollution	5.30

Part-I

Any other particulars for improving the quality of the environment.

Particulars

B-26,27 & 14,15 M.I.D.C. AREA, Dasarkhed Tal.Malkapur City Malkapur Dist.Buldhana is maintained all rule ,regulation & clean environment & effluent parameters are within limit as per MPCB consent conditions.

Name & Designation

P.N.ZOPE General Manager-Works

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000049045

Submitted On:

29-09-2022

Annexure – 19

Soil Reports

Report Date: 21.10.2022

Analysis Test Report

Name & Address of the Client :	M/s Benzochem Industries Pvt. Ltd. Plot No 26/27 & B-14/15 , Malkapur MIDC Area Dasarkhed. Taluka: Malakapur, Maharashtra		
Date of Sampling :	11.10.2022	Sample Description :	Soil Sample
Date of Receipt of Sample :	14.10.2022	Sample Quantity :	1000 g each
Date of Analysis Started :	15.10.2022	Sample Collected by :	Laboratory
Date of Analysis Completed :	21.10.2022	Sample Container :	Plastic Bag
Sampling Plan :	QF/LA/01-B 30.09.22	Sampling Location :	Near Waghola Village
Sampling Method :	--		

Sr. No.	Parameters	Unit	GFL/EC-S/22/10/17	Test Method Used
1.	Bulk Density	Kg/m ³	1224.52	Weight by Volume
2.	Moisture content	%	17.51	IS:2720 (Part 02) : 1973
3.	Organic Matter	%	0.81	IS:2720 (Part 22) : 1972 RA:2015
4.	pH	--	8.59	IS:2720 (Part 26) : 1987 RA:2016
5.	Electrical Conductivity(1 :2 Soil: Water Extract)	uS/cm	253	IS:14787 - 2000 RA:2016
6.	Water Holding Capacity	%	46.57	IS 14785:2000 RA-2016
7.	Sodium as Na (Exchangeable)	mg/kg	32.66	Manual for soil testing, DAC-MOA,GOI
8.	Sodium as Na	mg/kg	262.49	USEPA 3050 B
9.	Potassium as K	mg/kg	58.49	USEPA 3050 B
10.	Calcium as Ca	mg/ kg	79.85	USEPA 3050 B
11.	Magnesium as mg	mg/ kg	71.86	USEPA 3050 B
12.	Sodium Absorption Ratio (SAR)	(meq/kg) ^{1/2}	2.85	By Calculation
13.	Boron as B (Available)	mg/ kg	0.606	Manual for soil testing, DAC-MOA,GOI

-----End of Report -----

For Goldfinch Laboratory

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Page 1 of 2

QF/LA/09

Report Date: 21.10.2022

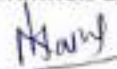
Analysis Test Report

Name & Address of the Client :	M/s Benzochem Industries Pvt. Ltd. Plot No 26/27 & B-14/15 ,Malkapur MIDC Area Dasarkhed.Taluka: Malakapur,Maharashtra		
Date of Sampling :	11.10.2022	Sample Description :	Soil Sample
Date of Receipt of Sample :	14.10.2022	Sample Quantity :	1000 g each
Date of Analysis Started :	15.10.2022	Sample Collected by :	Laboratory
Date of Analysis Completed :	21.10.2022	Sample Container :	Plastic Bag
Sampling Plan :	QF/LA/01-B 30.09.22	Sampling Location :	Near Waghola Village
Sampling Method :	--		

Sr. No.	Parameters	Unit	GFL/EC-S/22/10/17	Test Method Used
15	Cation Exchange Capacity	Meq/100g	33.17	IS 2720(Part-24)1976
16	Total Nitrogen	mg/ kg	249.38	IS:14684-1999
17	Copper as Cu	mg/ kg	31.03	USEPA 3050 B
18	Iron as Fe	mg/ kg	170.17	USEPA 3050 B
19	Manganese as Mn	mg/ kg	163.29	USEPA 3050 B
20	Available Phosphorus as P ₂ O ₅	mg/ kg	36.66	Manual for soil testing,DAC-MOA,GOI
21	Available Potassium as K ₂ O	mg/kg	995	Manual for soil testing,DAC-MOA,GOI
22	Total Phosphorous as P	mg/kg	61.24	Manual for soil testing,DAC-MOA,GOI
23	Available Manganese as Mn	mg/kg	26.70	Manual for soil testing,DAC-MOA,GOI
24	Available Iron as Fe	mg/kg	48.50	Manual for soil testing,DAC-MOA,GOI
25	Available copper as Cu	mg/kg	2.0	Manual for soil testing,DAC-MOA,GOI
26	Available Zinc as Zn	mg/kg	2.60	Manual for soil testing,DAC-MOA,GOI

-----End of Report -----

For Goldfinch Laboratory



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Page 2 of 2

Annexure – 20

Results of the existing ETP effluent

Report Date: 21.10.2022


Analysis Test Report

Name & Address of the Client :	M/s Benzochem Industries Pvt. Ltd. Plot No 26/27 & B-14/15 ,Malkapur MIDC Area Dasarkhed.Taluka: Malakapur,Maharashtra		
Date of Sampling :	11.10.2022	Sample Description :	1.ETP Inlet 2.ETP Outlet
Date of Receipt of Sample :	15.10.2022	Sample Quantity :	2000 ml each
Date of Analysis Started :	15.10.2022	Sample Collected by :	Laboratory
Date of Analysis Completed :	21.10.2022	Sample Container :	Plastic Carboy
Sampling Plan :	QF/LA/01-B 30.09.22	Sampling Location :	ETP Plant
Sampling Method :	--		

Sr. No	Parameters	Unit	Sample Code 1	Sample Code 2	Limit as per MPCB Consent	Test Method Used
			GFL/EC-W/22/10/13	GFL/EC-W/22/10/14		
1.	pH	--	2.16	7.59	--	APHA-4500 H+ B (22 nd Edition)
2	Total Dissolved Solids	mg/l	12420	842	--	APHA 2540 C (22 nd Edition)
3	Total Suspended Solids	mg/l	28	14	--	APHA 2540 D (22 nd Edition)
4	Chemical Oxygen Demand	mg/l	1920	20	--	APHA 5220 B (23 rd Edition)
5.	Biological Oxygen Demand (3 days @ 27°C)	mg/l	461	5	--	IS 3025 (p-44):1993(RA- 2003)
6.	Chloride as Cl	mg/l	5839	22	--	APHA 4500 Cl- B (22 nd Edition)
7..	Oil & Grease	mg/l	10	<1	--	IS 3025 part 39

-----End of Report -----

For Goldfinch Laboratory



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Annexure – 21

Results of the drinking tap water within the factory premises

QF/LA/09

Report Date: 21.10.2022

Analysis Test Report

Name & Address of the Client :	M/s Benzochem Industries Pvt. Ltd. Plot No 26/27 & B-14/15 ,Malkapur MIDC Area Dasarkhed.Taluka: Malakapur,Maharashtra		
Date of Sampling :	11.10.2022	Sample Description :	Drinking Water- Tap Water from factory premises
Date of Receipt of Sample :	15.10.2022	Sample Quantity :	2000 ml each
Date of Analysis Started :	15.10.2022	Sample Collected by :	Laboratory
Date of Analysis Completed :	21.10.2022	Sample Container :	Plastic Carboy
Sampling Plan :	QF/LA/01-B 30.09.22	Sampling Location :	ETP Plant
Sampling Method :	--		

Sr. No	Parameters	Unit	Sample Code	Requirement(Acceptable Limit) as per IS 10500:2012	Test Method Used
			GFL/EC-W/22/10/18		
1.	pH	--	7.28	6.5-8.5	APHA-4500 H+ B (23 rd Edition)
2.	Temperature	°C	29.0	N.S.	APHA 2550 B (23 rd Edition)
3.	Turbidity	NTU	0.10	Max 1	APHA 2130 B (23 rd Edition)
4.	Conductivity	µs/cm	450	N.S.	APHA 2510 B (23 rd Edition)
5.	Chemical Oxygen Demand	mg/l	<10	N.S.	APHA 5220 B (23 rd Edition)
6.	Biological Oxygen Demand (3 days @ 27°C)	mg/l	<2	N.S.	IS 3025 (p- 44):1993(RA- 2003)
7.	Total Dissolved Solids	mg/l	260	Max 500	APHA 2540 C (23 rd Edition)
8.	Chloride as Cl	mg/l	18	Max 250	APHA 4500 Cl- B (23 rd Edition)
9.	Total Hardness as CaCO ₃	mg/l	124	Max 200	APHA 2340 C (23 rd Edition)
10.	Total Alkalinity as CaCO ₃	mg/l	110	Max 200	APHA 2320 B (23 rd Edition)

-----End of Report -----

For Goldfinch Laboratory



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Page 1 of 2

QF/LA/09**Report Date: 21.10.2022****Analysis Test Report**

Name & Address of the Client :	M/s Benzochem Industries Pvt. Ltd. Plot No 26/27 & B-14/15 ,Malkapur MIDC Area Dasarkhed.Taluka: Malakapur,Maharashtra		
Date of Sampling :	11.10.2022	Sample Description :	Drinking Water- Tap Water from factory premises
Date of Receipt of Sample :	15.10.2022	Sample Quantity :	2000 ml each
Date of Analysis Started :	15.10.2022	Sample Collected by :	Laboratory
Date of Analysis Completed :	21.10.2022	Sample Container :	Plastic Carboy
Sampling Plan :	QF/LA/01-B 30.09.22	Sampling Location :	ETP Plant
Sampling Method :	--		

Sr. No.	Parameters	Unit	Sample Code	Requirement (Acceptable Limit) as per IS 10500:2012	Test Method Used
			GFL/EC-W/22/10/18		
11.	Sulphate as SO ₄	mg/l	23.1	Max 200	APHA 4500 SO ₄ ²⁻ E (23 rd Edition)
12.	Nitrate as NO ₃	mg/l	<0.1	Max 45	IS 3025 (Part 34) -1988 - Clause - 3.3
13.	Total Phosphorus	mg/l	<0.1	N.S.	APHA 4500 P -D (23 rd Edition)
14.	Fluoride	mg/l	<0.2	Max 1.0	APHA 4500 F D (23 rd Edition)
15.	Sodium as Na	mg/l	11.0	N.S.	APHA 3500 Na B (23 rd Edition)
16.	Potassium as K	mg/l	1.5	N.S.	APHA 3500 K B (23 rd Edition)
17.	Total Chromium as Cr	mg/l	<0.05	Max 0.05	APHA 3112 B (23 rd Edition)
18.	Zinc as Zn	mg/l	<0.05	Max 5	APHA 3111 B (23 rd Edition)

-----End of Report -----

For Goldfinch Laboratory**Verified and Authorized by****Page 2 of 2**

Annexure – 22

Results of the domestic effluent from the STP

GOLDFINCH LABORATORY

(Department of Goldfinch Engineering Systems™ Private Limited)

Plot No. A-288, Road No. 16 Z, Opp. Agriculture Office Bus-stop, Thane Industrial Area,
MIDC (Wagle Estate), Thane (W) 400 604, Maharashtra, India.
Tel No. : 91-022-2580 1546 / 9920093829 / 7208579136
Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com

QCI-NABET accredited EIA consultant
ISO 9001:2015 Certified Company
Laboratory Gazetted by MoEF & Certified by ISO 45001 - 2018

QF/LA/09

Report Date: 21.10.2022

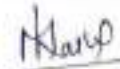
Analysis Test Report

Name & Address of the Client :	M/s Benzochem Industries Pvt. Ltd. Plot No 26/27 & B-14/15 ,Malkapur MIDC Area Dasarkhed.Taluka: Malakapur,Maharashtra		
Date of Sampling :	11.10.2022	Sample Description :	1.STP Inlet 2.STP Outlet
Date of Receipt of Sample :	15.10.2022	Sample Quantity :	2000 ml each
Date of Analysis Started :	15.10.2022	Sample Collected by :	Laboratory
Date of Analysis Completed :	21.10.2022	Sample Container :	Plastic Carboy
Sampling Plan :	QF/LA/01-B 30.09.22	Sampling Location :	STP Plant
Sampling Method :	--		

Sr. No.	Parameters	Unit	Sample Code 1	Sample Code 2	Limit as per MPCB Consent	Test Method Used
			GFL/EC-W/22/10/15	GFL/EC-W/22/10/16		
1.	Total Suspended Solids	mg/l	16	12	<100	APHA 2540 D (22 nd Edition)
2.	Biological Oxygen Demand (3 days @ 27°C)	mg/l	31	15	<30	IS 3025 (p-44):1993(RA- 2003)

-----End of Report -----

For Goldfinch Laboratory



Verified and Authorized by

Page 1 of 1

Annexure – 23

**Housekeeping records and
photographs**



BENZO CHEM INDUSTRIES PRIVATE LIMITED

B-26, 27 & 14,15, MIDC Area Dasarkhed, Tal: Malkapur, Dist: Buldhana
Pin Code: 443 101 Maharashtra (India)

MASTER COPY
Sign: [Signature]
Date: 01/06/18

HR Department		
HOUSKEEPING CHECKLIST		
Format No: HR005/F01A	Rev. No.: 00	Effective Date: 01/06/2018
Ref. SOP No.: HRD/SOP/005		Page No: 1 of 6

Department/Area: Production

For The Month: Aug - 2022

Frequency: Daily

Area	Activity	Date																														
		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
Ground Floor	Shifted Pitch Drums to Hazardous Waste Storage Area	O	✓	✓	✓	✓	✓	✓	✓	O	✓	✓	O	✓	✓	✓	O	✓	✓	✓	✓	✓	O	✓	✓	✓	✓	✓	✓	O	✓	✓
	Shifted empty drums/bags/Pallets to Yard	F	✓	✓	✓	✓	✓	✓	F	✓	✓	F	✓	✓	✓	F	✓	✓	✓	✓	✓	✓	F	✓	✓	✓	✓	✓	✓	F	✓	✓
	Drainage Line Cleaned	F	✓	✓	✓	✓	✓	✓	F	✓	✓	F	✓	✓	✓	F	✓	✓	✓	✓	✓	✓	F	✓	✓	✓	✓	✓	✓	F	✓	✓
	Spillage Cleaned if any		✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
	Informed to Supervisor about leakage if any		✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
	Floor Cleaned		✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
Done By:		-	PP	PP	PP	PP	PP	PP	-	PP	PP	-	PP	PP	PP	-	PP	PP	PP	PP	PP	-	PP	PP	PP	PP	PP	PP	PP	-	PP	PP
Verified By:			PP	PP	PP	PP	PP	PP		PP	PP		PP	PP	PP		PP	PP	PP	PP	PP		PP	PP	PP	PP	PP	PP	PP		PP	PP

[Signature]
01/06/18



BENZO CHEM INDUSTRIES PRIVATE LIMITED

B-26, 27 & 14,15, MIDC Area Dasarkhed, Tal: Malkapur, Dist: Buldhana
Pin Code: 443 101 Maharashtra (India)

MASTER COPY
Sign: *[Signature]*
Date: 01/06/18

HR Department

HOUSKEEPING CHECKLIST

Format No: HR005/F01A

Rev. No.: 00

Effective Date: 01/06/2018

Ref. SOP No.: HRD/SOP/005

Page No: 2 of 6

Department/Area: Production

For The Month: Aug-2022

Frequency: Daily

Area	Activity	Date																														
		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
Ground Floor	Segregated Solid Waste, Scrap & Shifted to Scrap Yard	0	✓	✓	✓	✓	✓	0	✓	✓	0	✓	✓	✓	0	✓	✓	✓	✓	✓	✓	✓	0	✓	✓	✓	✓	✓	✓	0	✓	✓
	All RM/Intermediate/Final Product Drums/Bags are on Pallets & are kept in Organized Manner & are labeled properly	F						F			F				F								F							F		
			✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓	✓
Done By:		-	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	-	<i>[Signature]</i>	<i>[Signature]</i>	-	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	-	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	-	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	
Verified By:		-	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	-	<i>[Signature]</i>	<i>[Signature]</i>	-	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	-	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	-	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	

[Signature]
01/06/18



BENZO CHEM INDUSTRIES PRIVATE LIMITED

B-26, 27 & 14,15, MIDC Area Dasarkhed, Tal: Malkapur, Dist: Buldhana
Pin Code: 443 101 Maharashtra (India)

MASTER COPY
Date: 01/06/18

HR Department

HOUSKEEPING CHECKLIST

Format No: HR005/F01A

Rev. No.: 00

Effective Date: 01/06/2018

Ref. SOP No.: HRD/SOP/005

Page No: 3 of 6

Department/Area: Production

For The Month: Aug-2022

Frequency: Daily

Area	Activity	Date																														
		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
Plant Surrounding Area (Cl ₂ Tonner Area)	Atramonis Scrubber, Cooling Tower & ANF Area Cleaned	0	✓	✓	✓	✓	✓	✓	✓	0	✓	✓	0	✓	✓	✓	0	✓	✓	✓	✓	✓	0	✓	✓	✓	✓	✓	0	✓	✓	
	Ejector Area Cleaned		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	HCL Plant Area Cleaned	F	✓	✓	✓	✓	✓	✓	F	✓	✓	F	✓	✓	✓	F	✓	✓	✓	✓	✓	✓	F	✓	✓	✓	✓	✓	✓	F	✓	
	Autoclave Area Cleaned		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Chlorine Tonner Area Cleaned	F	✓	✓	✓	✓	✓	✓	F	✓	✓	F	✓	✓	✓	F	✓	✓	✓	✓	✓	✓	F	✓	✓	✓	✓	✓	✓	F	✓	
	Drum Washing Area Cleaned		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Done By:		-	Pratik	Pratik	Pratik	Pratik	Pratik	Pratik	-	Pratik	Pratik	-	Pratik	Pratik	Pratik	-	Pratik	Pratik	Pratik	Pratik	Pratik	Pratik	-	Pratik	Pratik	Pratik	Pratik	Pratik	Pratik	Pratik	-	Pratik
Verified By:		-	Pratik	Pratik	Pratik	Pratik	Pratik	Pratik	-	Pratik	Pratik	-	Pratik	Pratik	Pratik	-	Pratik	Pratik	Pratik	Pratik	Pratik	Pratik	Pratik	-	Pratik	Pratik	Pratik	Pratik	Pratik	Pratik	-	Pratik

Pratik
01/06/18



BENZO CHEM INDUSTRIES PRIVATE LIMITED

B-26, 27 & 14,15, MIDC Area Dasarkhed, Tal: Malkapur, Dist: Buldhana
Pin Code: 443 101 Maharashtra (India)

MASTER COPY
Date: 01/06/18

HR Department

HOUSKEEPING CHECKLIST

Format No: HR005/F01A

Rev. No.: 00

Effective Date: 01/06/2018

Ref. SOP No.: HRD/SOP/005

Page No: 4 of 6

Department/Area: Production

For The Month: Aug-2022

Frequency: Daily

Area	Activity	Date																														
		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
First Floor	Shifted empty drums/bags/Pallets to Yard	D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Spillage Cleaned if any		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Floor Cleaned	F	✓	✓	✓	✓	✓	✓	✓	✓	✓	F	✓	✓	✓	F	✓	✓	✓	✓	✓	✓	✓	F	✓	✓	✓	✓	✓	✓	F	✓
	Supervisor Cabin cleaned. Kept all Items on place		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	HCL Plant Floor Cleaned	F	✓	✓	✓	✓	✓	✓	✓	✓	F	✓	✓	✓	F	✓	✓	✓	✓	✓	✓	✓	✓	F	✓	✓	✓	✓	✓	✓	F	✓
	Segregated Solid Waste, Scrap & Shifted to Scrap Yard		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Done By:		-	PSK	PSK	PSK	PSK	PSK	PSK	PSK	-	PSK	PSK	PSK	-	PSK	PSK	PSK	PSK	PSK	PSK	PSK	PSK	-	PSK	PSK	PSK	PSK	PSK	PSK	PSK	-	PSK
Verified By:		-	PSK	PSK	PSK	PSK	PSK	PSK	PSK	-	PSK	PSK	PSK	-	PSK	PSK	PSK	PSK	PSK	PSK	PSK	PSK	-	PSK	PSK	PSK	PSK	PSK	PSK	PSK	-	PSK

01/06/18



BENZO CHEM INDUSTRIES PRIVATE LIMITED

B-26, 27 & 14,15, MIDC Area Dasarkhed, Tal: Malkapur, Dist: Buldhana
Pin Code: 443 101 Maharashtra (India)

Date: 01/06/18
Page: 5 of 6

HR Department

HOUSKEEPING CHECKLIST

Format No: HR005/F01A

Rev. No.: 00

Effective Date: 01/06/2018

Ref. SOP No.: HRD/SOP/005

Page No: 5 of 6

Department/Area: Production

For The Month: Aug-2022

Frequency: Daily

Area	Activity	Date																														
		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
First Floor	All RM Intermediate drums/bags are on Pallets & are kept in Organized Manner & are labeled properly	0	✓	✓	✓	✓	✓	✓	0	✓	✓	0	✓	✓	✓	0	✓	✓	✓	✓	✓	✓	0	✓	✓	✓	✓	✓	✓	0	✓	✓
	PLC Room Cleaned	F	✓	✓	✓	✓	✓	F	✓	✓	F	✓	✓	✓	F	✓	✓	✓	✓	✓	✓	✓	F	✓	✓	✓	✓	✓	✓	F	✓	✓
	Autoclave Area Cleaned	F	✓	✓	✓	✓	✓	F	✓	✓	F	✓	✓	✓	F	✓	✓	✓	✓	✓	✓	✓	F	✓	✓	✓	✓	✓	✓	F	✓	✓
	Plant & Autoclave Staircase Cleaned		✓	✓	✓	✓	✓		✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓		✓	✓
Done By:		-	Pranav	Pranav	Pranav	Pranav	Pranav	Pranav	-	Pranav	Pranav	-	Pranav	Pranav	Pranav	-	Pranav	Pranav	Pranav	Pranav	Pranav	-	Pranav	Pranav	Pranav	Pranav	Pranav	Pranav	Pranav	-	Pranav	Pranav
Verified By:		-	Pranav	Pranav	Pranav	Pranav	Pranav	-	Pranav	Pranav	-	Pranav	Pranav	Pranav	-	Pranav	Pranav	Pranav	Pranav	Pranav	Pranav	-	Pranav	Pranav	Pranav	Pranav	Pranav	Pranav	Pranav	-	Pranav	Pranav

Date: 01/06/18

**BENZO CHEM INDUSTRIES PRIVATE LIMITED**B-26, 27 & 14,15, MIDC Area Dasakhed, Tal: Malkapur, Dist: Buldhana
Pin Code: 443 101 Maharashtra (India)MASTI
Signature
Date 01/06/18

HR Department

HOUSKEEPING CHECKLIST

Format No: HR005/F01A

Rev. No.: 00

Effective Date: 01/06/2018

Ref. SOP No.: HRD/SOP/005

Page No: 6 of 6

Department/Area: Production

For The Month: Aug-2022

Frequency: Daily

Area	Activity	Date																															
		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	
2 nd / Top Floor	Shifted empty drums Pallets to Yard	O	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Spillage Cleaned if any	F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2 nd , Top Floor Cleaned	F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Done By:		-	P	P	P	P	P	P	P	P	-	P	P	P	-	P	P	P	P	P	P	-	P	P	P	P	P	P	P	-	P	P	
Verified By:		-	P	P	P	P	P	P	P	P	-	P	P	P	-	P	P	P	P	P	P	-	P	P	P	P	P	P	P	-	P	P	

Details	Prepared By	Reviewed By	Approved By
Name	M. P. Kate	Yogesh. S. Lande	P. N. Zope
Signature			
Date	01/06/2018	01/06/2018	01/06/2018

01/06/18

Housekeeping Photographs



Annexure – 24

**Transmittal emails of the
earlier EC compliance to
the regulatory agencies**

Kapil

From: zope@benzochem.co.in
Sent: 23 June 2022 13:47
To: ecompliance-mh@gov.in
Subject: Submission of 3rd half yearly compliance report for Benzo Chem Industries. Pvt. Ltd. at Plot No. B-26,27 & B-14,15, Malkapur MIDC Dasarkhed, Taluka Malkapur, District Buldhana Maharashtra (Period : Oct 2021 to March 2022) -Reg.

**Deputy Director General of Forests (Central),
West Central Zone,
Regional Office,
New Secretariate Building, Opp. VCA Ground,
Civil Lines, Nagpur-440001.**

Subject: Submission of 3rd half yearly compliance report for Benzo Chem Industries. Pvt. Ltd. at Plot No. B-26,27 & B-14,15, Malkapur MIDC Dasarkhed, Taluka Malkapur, District Buldhana Maharashtra – Third progress/Status Report EC Compliance-Reg.

Ref: Environmental Clearance letter no. F.No. IA-J-11011/175/2019-IA-II(I) dated November 10, 2020 granted by Expert Appraisal Committee, MoEF & CC, Delhi Govt of India

Dear Sir,

We have received the Environment Clearance from Expert Appraisal Committee (EAC), MoEF & CC, Delhi Govt of India

As per the requirement, we are submitting herewith the 3rd half-yearly EC Compliance report of the said project for the period of October 2021 to March 2022

With this reference we wish to submit the details required as below:

1. Current status of Project.
2. Data Sheet
3. Pointwise compliance to stipulations as laid down by the ministry.
4. Point wise compliance of the standard EC compliance conditions

The whole EC compliance document can be downloaded as a single pdf from the Wetransfer link below (sending via link due to bulk size)

<https://we.tl/t-ZsAYmvJ6MD>

Please note that the above link is valid till 28th June 2022. i.e, after which it will expire.

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

Thanking You,

For Benzo Chem Industries Pvt. Ltd.

**P.N.Zope
General Manager-Works**

Authorized Signatory

Kapil

From: zope@benzochem.co.in
Sent: 23 June 2022 16:50
To: 'RO Amravati'; mpcbamravati@mpcb.gov.in
Subject: FW: Submission of 3rd half yearly compliance report for Benzo Chem Industries. Pvt. Ltd. at Plot No. B-26,27 & B-14,15, Malkapur MIDC Dasarkhed,Taluka Malkapur, District Buldhana Maharashtra - Third progress/Status Report EC Compliance-Reg.

**Regional Officer
M.P.C. Board . Amravati
Sahakar Surbhi" Bapatwadi
Near Vivekanand Colony,
Amravati – 444606**

Subject: Submission of 3rd half yearly compliance report for Benzo Chem Industries. Pvt. Ltd. at Plot No. B-26,27 & B-14,15, Malkapur MIDC Dasarkhed,Taluka Malkapur, District Buldhana Maharashtra – Third progress/Status Report EC Compliance-Reg.

Ref: Environmental Clearance letter no. F.No. IA-J-11011/175/2019-IA-II(I) dated November 10, 2020 granted by Expert Appraisal Committee, MoEF & CC, Delhi Govt of India

Dear Sir,

We have received the Environment Clearance from Expert Appraisal Committee (EAC), MoEF & CC, Delhi Govt of India

As per the requirement, we are submitting herewith the 3rd half-yearly EC Compliance report of the said project for the period of October 2021 to March 2022

We are also attaching herewith the acknowledgment copy of the submission of EC Compliance to the Regional office of MoEFCC, Nagpur for your reference.

With this reference we wish to submit the details required as below:

1. Current status of Project.
2. Data Sheet
3. Pointwise compliance to stipulations as laid down by the ministry.
4. Point wise compliance of the standard EC compliance conditions

The whole EC compliance report can be downloaded from the Wetransfer link given below : (sending via link due to bulk size)

<https://we.tl/t-hR2I39hGNa>

Please note that the above link is valid till 29th June 2022. .i.e, after which it will expire.

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

Thanking You,

**For Benzo Chem Industries Pvt. Ltd.
P.N.Zope**

General Manager-Works
Authorized Signatory

Kapil

From: zope@benzochem.co.in
Sent: 23 June 2022 16:53
To: 'Kapil'
Cc: yogesh@benzochem.co.in
Subject: FW: Submission of 3rd half yearly compliance report for Benzo Chem Industries. Pvt. Ltd. at Plot No. B-26,27 & B-14,15, Malkapur MIDC Dasarkhed,Taluka Malkapur, District Buldhana Maharashtra - Third progress/Status Report EC Compliance-Reg.

Dear Mr. Kapil,

We forget to keep you in CC in this mail.

Regrads,
P.N.Zope

From: zope@benzochem.co.in <zope@benzochem.co.in>
Sent: 23 June 2022 16:45
To: 'SRO Akola' <sroakola@mpcb.gov.in>
Subject: FW: Submission of 3rd half yearly compliance report for Benzo Chem Industries. Pvt. Ltd. at Plot No. B-26,27 & B-14,15, Malkapur MIDC Dasarkhed,Taluka Malkapur, District Buldhana Maharashtra - Third progress/Status Report EC Compliance-Reg.

Sub-Regional Officer
M.P.C. Board,
Alsi Plot, Opp. Hutatma Smarak,
Nehru Park Chowk, Akola - 444001.

Subject: Submission of 3rd half yearly compliance report for Benzo Chem Industries. Pvt. Ltd. at Plot No. B-26,27 & B-14,15, Malkapur MIDC Dasarkhed,Taluka Malkapur, District Buldhana Maharashtra – Third progress/Status Report EC Compliance-Reg.

Ref: Environmental Clearance letter no. F.No. IA-J-11011/175/2019-IA-II(I) dated November 10, 2020 granted by Expert Appraisal Committee, MoEF & CC, Delhi Govt of India

Dear Sir,

We have received the Environment Clearance from Expert Appraisal Committee (EAC), MoEF & CC, Delhi Govt of India

As per the requirement, we are submitting herewith the 3rd half-yearly EC Compliance report of the said project for the period of October 2021 to March 2022

We are also attaching herewith the acknowledgment copy of the submission of EC Compliance to the Regional office of MoEFCC, Nagpur for your reference.

With this reference we wish to submit the details required as below:

1. Current status of Project.
2. Data Sheet
3. Pointwise compliance to stipulations as laid down by the ministry.
4. Pointwise compliance of the standard EC compliance conditions

The whole EC compliance can be downloaded as a single pdf document from the Wetransfer link below: (Sending via link due to bulk size)

<https://we.tl/t-noytnCv24>

Please note that the above link is valid till 29th June 2022 i.e, after which it will expire.

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

Thanking You,

For Benzo Chem Industries Pvt. Ltd.

P.N.Zope

General Manager-Works

Authorized Signatory

Kapil

From: zope@benzochem.co.in
Sent: 23 June 2022 16:51
To: rdpune.cpcb@nic.in
Subject: FW: Submission of 3rd half yearly compliance report for Benzo Chem Industries. Pvt. Ltd. at Plot No. B-26,27 & B-14,15, Malkapur MIDC Dasarkhed,Taluka Malkapur, District Buldhana Maharashtra - Third progress/Status Report EC Compliance-Reg.

**Regional Directorate
Central Pollution Control Board
Survey No. 110, Dhankude Multi Purpose Hall,
Baner Road, Baner,
Pune - 411045**

Subject: Submission of 3rd half yearly compliance report for Benzo Chem Industries. Pvt. Ltd. at Plot No. B-26,27 & B-14,15, Malkapur MIDC Dasarkhed,Taluka Malkapur, District Buldhana Maharashtra – Third progress/Status Report EC Compliance-Reg.

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<https://we.tl/t-SB3QYYYJBF>

Please note that the above link is valid till 29th June 2022

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

Thanking You,

For Benzo Chem Industries Pvt. Ltd.

Authorized Signatory

Annexure – 25

**Photographs of the
facilities of the
construction labourers**

Facilities Provided To Construction Labour

All the construction labour are local residence of villages near the factory, so there is no need of housing facility, cooking gas, etc. Only drinking water, toilets and sanitation facility are provided to the labours.



Annexure – 26

**PLI copy for the existing
facility**



POLICY SCHEDULE FOR PUBLIC LIABILITY (Act Only) INSURANCE

UIN NUMBER - IRDAN190P0076100001

Insured's Name	: BENZO CHEM INDUSTRIES PVT. LTD.		
Insured's Details		Issuing Office Details	
Customer ID	: PO58626205	Office Code	: BO-140104 (140104)
Address	: E-13-14-15, MIDC AREA, JALGAON JALGAON ,MAHARASHTRA, 425003	Address	: JEEVAN SEVA,3RD FLOOR, S.V.ROAD, SANTACRUZ WEST,MUMBAI-54 ,400054
Phone No	:	Phone No	: 26633283 / 26633214
E-mail/Fax	: pawan@benzochem.co.in , /	E-mail/Fax	: nia.140104@newindia.co.in / 26633284
PAN No	:	S.Tax Regn. No	: AAACN4165CST178
GSTIN/UIN	: 27AAACB3369G1ZR / NA	GSTIN	: 27AAACN4165C3ZP
		SAC	: 997139 (Other non-life insurance services excl RI)

Policy Details			
Policy Number	: 14010436213300000004	Business Source Code	:
Period of Insurance	: From: 27/03/2022 12:00:01 AM To: 26/03/2023 11:59:59 PM	Dev.Off. level/Broker/Corp. Agent/Web Aggregator/CPSC User	:
Date of Proposal	: 27-Mar-22	Agent/Bancassurance/S pecified Person	:
Prev. Policy no.	: 14010436203300000002	Phone No	: 8584869573 / NA
Client Type	: Corporate	E-mail/Fax	: payment@salasarservices.com, / /

Premium(₹)	ERF Premium(₹)	GST(₹)	Total (₹)	Total (₹ in words)	Receipt No. & Date
12163	12163	2190	26516	RUPEES TWENTY-SIX THOUSAND FIVE HUNDRED SIXTEEN ONLY	1401048121000000706 2 - 25/03/22

Details of risk covered under current year policy:

Retroactive Date	Paid Up Capital	No Of Locations Involved	AOA	AOA:AOY	AOY	Annual Turnover - Previous Year	Annual Turnover - Proposed Year	Deductibles No of workmen	No of Other Employee
15/03/2016	<= 15 Crore	6	50000000	1:1	50000000	15000000 0	30000000 00	20	0

Retroactive Dates

Retroactive Date Details	Date	Paid Up Capital	No Of Locations Involved	AOA	AOA:AOY	AOY	Annual Turnover - Previous Year	Annual Turnover - Proposed Year	Deductibles No of workmen	No of Other Employee
RETROACTIVE DATE 1	15/03/2016	<=15Crore	6	50000000	1.1	50000000	15000000 00	30000000 000	20	0

RETRO-DATE IS SUBJECT TO LESSER OF LIMITS - NARROWER OF COVER.

Extensions under the Policy

Name of the Extension	Sub Limit of the Extension	Deductibles of the Extension
-----------------------	----------------------------	------------------------------



Special Conditions	1. E-13/14/15, MIDC AREA, JALGAON-425003. 2. B-26/27-14/15, MIDC, DARARKHED, BULDHANA-443010. 3. B-24/25, MIDC, DASARKHED, MALKAPUR, BULDHANA – 443101 4. W-24, MIDC, CHEMICAL ZONE, AMBERNATH-421501. 5. Z/103-D, Dahej SEZ Part-II, bharuch 6. 26/28A, CAWASJI PATEL STREET, FORT MU-400001MBAI	
Special Exclusions	NA	
Special Excess/Deductible	0	
Retroactive Dates	Date	
Policy Retroactive Date		27/03/2021

The Policy shall be subject to PUBLIC LIABILITY (Act Only) INSURANCE Policy clauses attached herewith.

Clauses	Description
Conditions	Arising out of willful or intentional non compliance of Statutory provisions
Conditions	During claim, any existing insurance covered same Liability, Company not liable to pay
Conditions	The Insured Owner shall keep record of annual turnover
Conditions	This policy may be canceled by the Insured Owner by giving 30 days notice
Conditions	This Policy may also be canceled by the Insurer by giving 30 days notice
Conditions	Company not be liable to make paymnt, if claim shall be in any manner fraudulent
Conditions	The Policy and the Schedule shall be read together as one contract
Conditions	Any dispute Policy shall be determined in accordance with the law
Conditions	Company not be liable for clm, relief made after 5Yr from date of occurrence of acc
Conditions	No payment shall be made by the insured without the written consent of Company
Conditions	If Company deny Liability for claim not within 1 year from date of condition claim have been discarded
Exclusions	Damage to property owned, otherwise in Insured Owner control, care or custody
Exclusions	Directly or indirectly occasioned by happening through or in consequence of war
Exclusions	Ionizing radiation or contamination by radioactivity from any nuclear fuel
Exclusions	Radioactive, toxic, explosive of any explosive nuclear assembly
Exclusions	Arising under other legislation except in so far as Sec 8, SubSec (1), (2) of Act
Exclusions	In respect of fines, penalties, punitive and or exemplary damages
Exclusions	Arising out of willful or intentional non compliance of Statutory provisions

Premium and GST Details

	Rate of Tax	Amount in INR
Premium		₹ 24326.00
SGST	9	1095
CGST	9	1095
IGST	0	0

In witness whereof the undersigned being duly authorised by the Insurers and on behalf of the Insurers has (have) hereunder set his (their) hand(s) on this 25th day of March, 2022.

For and on behalf of
The New India Assurance Company Limited

Date of Issue: 25/03/2022

Duly Constituted Attorney(s)

Stamp Duty under the Policy is ₹1

Mudrank _____ Dt. _____ consolidated Stamp Fees Paid by Pay Order Number _____ vide receipt



number _____ dt. _____.

Tax Invoice No : 14010421E0014609

IRDA Registration Number: 190 NIA PAN NUMBER: AAACN4165C

Annexure – 27

**Mock drill report along
with photographs**

A.Name & Adress of Factory :BENZO CHEM IND PVT.LTD
Plot No.B-26,27 & B-14,15.
MIDC ,Dasarkhed,Malkapur

B.Date of Mock Drill :25.09.2022

C.Numbers of Total Workers :20 Workers
present during mock Drill

D.Scenario chosen for Mock Drill: Fire below Centrifuge
ground floor in process plant.

EMERGENCY CONTROL SYSTEM



WIND DIRECTION –TOWARDS EAST



SCINERIO CREATE : FIRE OBSERVE IN CENTRIFUGE IN PLANT.

The First attempt to extinguished fire by DCP 50 Kg fire extinguisher by safety ERT Member another person open CO2 Gas cartrige of 50 Kg DCP Fire Extinguisher to operate DCP fire extinguisher.



POCO
SHOT ON POCO M2 PRO

FIRE OBSERVE IN CENTRIFUGE IN PROCESS PLANT

After confirmation of Electricity off the foam use with foam fire nozzle attached with hydrant hose pipe.Solvent fire is perfectly extinguished by continues foam spray.



SCINERIO CREATE : FIRE OBSERVE IN CENTRIFUGE IN PLANT.

The First attempt to extinguished fire by FOAM 25 Litre fire extinguisher by safety ERT Member.



SCINERIO CREATE : FIRE OBSERVE IN CENTRIFUGE IN PLANT.

The First attempt to extinguished fire by Foam 2o Litre fire extinguisher by safety ERT Member .



THR IMMEDIATE ACTION WAS TAKEN.

1. One person run and raised Fire alarm & fire emergency Siren.

2. Another two person Use Foam fire extinguisher on the fire.
Till the time siren heard by All ERT members and they reach with extinguishers and hydrant hose connected with foam nozzle and confirm from Electrician that electric connection made off then use foam.

As mock drill start they open fire hydrant wheel and foam came from the foam nozzle is effective on solvent fire.

Solvent fire extinguishes immediately by foam.

Emergency Evacuation Rout explain by ERT Member.



Emergency assembly point Near Main Security Gate



Evacuation rout towards Emergency Assembly Point at Main Security Gate



Emergency Assembly Point near Main Security Gate



Assessment of Mock Drill

S.N	Contents	Remarks
1	Whether timely information given to concerned authorities, if not, indicate the discrepancies.	Yes, The process operators and Supervisors are alert, Site Incident controller, Security, transport. all are active as an when they heard the Fire Alarm.
2	Did the key persons report with in the minimum response time at the appropriate places .If not ,indicate shortfalls	Main Incident Controller reaches with in 2.0 Minutes. Maint ERT team ,Security & transport reached near incident place with in 1.0 Minutes with suitable PPES.
3	Were mutual aid assistances avail able in time & adequate	Yes, Incident is in time control and no need to call any one.
4	Was there any confusion in assembly point	No.
5	Indicate response time and adequacy of fire fighting systems	Emergency response team controlled the situation with in 3.0 Minutes and complete action with in five minutes.

Assessment of Mock Drill

6	Indicate response time & adequacy of ambulance Transport facilities.	The vehicle reaches with in 1.0 Minutes.with medical oxygen & trained first aiders.
7	Whether any improvement noticed from the previous rehearsal.	Yes ,No confusion to reach assembly point. The safety team members started proper action as they notice Small fire below centrifuge.
8	All Clear.	The situation was under control with in 3 Minutes and after five minutes all clear signal given by blowing two long sirens.
9	Improvement Area	First observer and the fire fighters present nearby must start action immed iately as they are trained to control fire Immediate action is important.Also Immediate and sutable action for fire of Solvent type and other type like electrical short circuit,The employees training and awareness is to be in crease regular basis.If immediate action is not taken the small fire can turn in to major fire and it will be very difficult to control.so table top drills are also recommended for the production team ,store team,maintenance team