BENZO CHEM

BENZO CHEM INDUSTRIES PVT. LIMITED

E - 13,14 & 15, MIDC AREA, JALGAON - 425 003, MAHARASHTRA, INDIA
Phone : +91-257- 2210241 / 2210441 / 2270241,
Email - info@benzochem.co.in , Web : www.bcipl.com
An ISO 9001:2015, 14001:2015 & 45001:2018 certified company

DAkkS Deutsche Akkreditierungsstelle D-ZM-1207-01-00
TÜV NORD

Date 12.08.2023

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

Subject: Submission of the consolidated EC compliance report for the periods April 2022 to September 2022 and October 2022 to March 2023 for Benzo Chem Industries Pvt. Ltd., at Plot No. E13, E14 & E15, MIDC Area Jalgaon, Dist: Jalgaon

Ref: Environmental Clearance letter no. SEAC-2013/CR-265/TC-2 dated 12th May 2015, granted by SEIAA, Govt. of Maharashtra.

Dear Sir,

We have received the Environment Clearance from State Environment Impact Assessment Authority (SEIAA), Government of Maharashtra on 12th May 2015 for proposed project, after that we have submitted reports as per requirement.

Now, we are submitting herewith the consolidated EC compliance report for the periods April 2022 to September 2022 and October 2022 to March 2023. .

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

1. Data Sheet & Point-wise compliance report.

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

Thanking You,
For Benzo Chem Industries Pvt. Ltd.,

Authorized Signatory

BENZO CHEM INDUSTRIES PVT. LIMITED JALGAON

Government of Maharashtra

SEAC-2013/ CR-265/TC-2
Environment department
Room No. 217, 2nd floor,
Mantralaya Annex,
Mumbai- 400 032.
Dated: 12th May, 2015

To,
Mr. Gaurav Mohatta.
Madhu Kunj, Shankar Ghanekar Marg,
Prabhadevi Mumbai- 400025.

Subject: Environment clearance for proposed at plot no E-13,E-14 and E-15 located in MIDC Jalgaon by M/s. Benzo Chem Industries Pvt Ltd.

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification, 2006, by the State Level Expert Appraisal Committee-I, Maharashtra in its 94th meeting and decided to recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 82nd meeting.

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

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

Name of the Project	M/s Benzo Chem Industries Pvt. Limited
Project Proponent	Mr. Gaurav Mohatta.
Consultant	Sadekar Enviro Engineers Pvt. Ltd.
New Project / Expansion	Expansion in existing project
Activity schedule in the EIA Notification	Schedule 5 (f) ,Project Category –B1
Area Details	Total Plot Area: 12150 sq. m Built Up Area (Existing + Proposed): 2283 sq. m. Green Belt Area: 4045 sq. m Open Area: 5822 sq. m.
Name of the Notified Industrial area / MIDC	Jalgaon MIDC (Notified Industrial Area)
TOR given by SEAC	The application was submitted to SEAC-1 on 05-03-2013. On 20th June of 2014 the 81st SEAC meeting was conducted in which TOR was granted.

<table>
<tr><td>Estimated capital cost of the Project (including cost for land, building, plant and machinery separately)</td><td>
<table>
<tr><th>Parameters</th><th>Existing</th><th>Proposed</th><th>Total</th></tr>
<tr><td>Land</td><td>0.3359 Cr</td><td>----</td><td>0.3359 Cr</td></tr>
<tr><td>Factory building</td><td>1.0409 Cr</td><td>-----</td><td>1.0409 Cr</td></tr>
<tr><td>Plant and Machinery</td><td>3.3509 Cr</td><td>-----</td><td>3.3509 Cr</td></tr>
<tr><td>Furniture & Fixtures</td><td>0.0793 Cr</td><td>-----</td><td>0.0793 Cr</td></tr>
<tr><td>Computers</td><td>0.1599 Cr</td><td>-----</td><td>0.1599 Cr</td></tr>
<tr><td>Office Equipment</td><td>0.1813 Cr</td><td>-----</td><td>0.1813 Cr</td></tr>
<tr><td>Vehicles</td><td>0.5762 Cr</td><td>------</td><td>0.5762 Cr</td></tr>
<tr><td>Proposed Capital Cost of project</td><td>----------</td><td>2.00 Cr</td><td>2.00 Cr</td></tr>
<tr><td>Total</td><td>Rs: 5.7244 Cr</td><td>2.00 Cr.</td><td>7.7244 Cr.</td></tr>
</table>
Note: The existing capital investment of the project is 5.7244 Cr and proposed project capital investment cost is 2 cr.
Existing project cost + Proposed project cost= total project cost
5.7244 Cr + 2.00 Cr = 7.7244 Cr
</td></tr>
<tr><td>Location details of the project :</td><td>Latitude:- 20° 58' 51'' N
Longitude:- 75° 35' 08" E
Location: - Plot No.E-13, E14 & E15, MIDC Jalgaon
Elevation above Mean Sea Level (meters):- 213 m</td></tr>
<tr><td>Production details</td><td>
<table>
<tr><th>Name of products, by products and intermediate products</th><th>Production Existing (MT/year)</th><th>Proposed activity (new/modernization/expansion) MT/Year.</th><th>Total Production (T/year)</th></tr>
</table>
<table>
<tr><td colspan="2">EXISTING</td><td colspan="2">PROPOSED</td><td>TOTAL</td></tr>
<tr><td>NAME</td><td>QTY MT/</td><td>NAME</td><td>QTY</td><td>QTY</td></tr>
</table>
</td></tr>
</table>

	A		MT/A	MT/A
Para choro meta cresol (PCMC)	60	Para chloro meta cresol (PCMC)	60	120
Sodium salt of para chloro meta cresol	1.20	Na salt of para chloro meta cresol	1	2.20
4-Chloro thymol	1.20	4-Chloro thymol	1	2.20
1-Chloro napthalene	6	1-Chloro naphthalene	2	8
2:4 Di chloro benzyl alcohol	1.20	2:4-Dichloro benzyl alcohol	16	17.2
1-Chloro methylnapthalene	2.40	1-Chloro methylnapthalene	150	152.4
Para chloro meta xylenol	1.20			1.20
Para chloro meta cresol/liquid/protector-l	1.20			1.20
Ortho chloro phenyl acetic acid	1.20			1.20
Dichloro meta xylenol (DCMX)	6			6
Benzyl Cyanide (BCN)	36			0*
Ortho Chloro Benzaldehyde (OCB)	24			0*
Ortho Chloro Benzoic Acid (OCBA)	3			0*
Ortho Chloro Benzo Tri Chloride (OCBTC)	3			0*
2:4 Di Chloro Benzyl Chloride (2:4 DCBC)	12			0*
2:4 Di Chloro Benzyl Cyanide (2:4 DCCN)	6			0*
2:4 Di Chloro Benzaldehyde	1.2			0*

Para Chloro Phenyl Acetic acid	1.2			0*
Benzaldehyde Ortho Sulphonic acid sodium salt	36			0*
Meta Chloro Benzyl Cyanide	6			0*
Meta Chloro Benzo Nitrile	1.2			0*
Ortho Chloro Benzyl Chloride	1.2			0*
Ortho Chloro Benzyl Nitrile	1.2			0*
Ortho Chloro Benzyl Cyanide	1.2			0*
2:4 Di Chloro Phenyl Acetic Acid	1.2			0*
Meta Chloro Benzyl Chloride (MCBC) 3-Chloro Benzyl Chloride	6			0*
Meta Chloro Benzaldehyde (MCB) or 3- Chloro Benzaldehyde	6			0*
Para Anisaldehyde or Para Methoxy Benzaldehyde or Para Anisic Aldehyde	6			0*
Para Chloro Benzo Nitrile	-			0*
Para Fluro Benzyl Chloride	-			0*
X Chloro Methyl	-			0*

Phenyl Acetic Acid				
3-ISO Chromanone	-			0*
		1-Napthaldehyde	4	4
		2-Amino-2-phenyl butyric acid	20	20
		5-Chloro-2- hydroxy benzophenone	4	4
		2-Dimethylamino-2-phenyl-1-butanol	6	6
		4-Methoxy phenyl acetone	100	100
		Alpha bromo-2-chloro phenyl acetic acid methyl ester	150	150
		2,4-Di chloro meta xylenol	10	10
		Meta hydroxy phenyl acetic acid	1	1
		2-Phenyl butyric acid	3	3
		N-Methyln-1-napthalenemethyl amine hydrochloride (N MAN: HCl)	10	10
		Ortho phthaladehyde(OPA)	2	2
		2-Chloro-4,6-dimethoxy-1,3,5-triazine	5	5
		1-Acetylnapthalene	10	10
		Para Hydroxy phenyl acetic acid	2	2

			4-Methyl benzyl chloride	5	5
	Bi-products		Bi-products		
	Hydrochloric acid (HCl)	40	Hydrochloric acid (HCl)	77	117
	Chlorinated cressol / Cresylic acid	0.04	Chlorinated cressol / Cresylic acid	12	12.04
			Sodium bisulfite ($NaHSO_3$)	30	30
	TOTAL	299.2 MT/A	TOTAL	681 MT/A	802.64 MT/A
	Note – "0*" indicates the production of these products has been stopped.				
By Products	Existing Bi-products	MT/A	Proposed Bi-products	MT/A	Total MT/A
	Hydrochloric acid (HCl)	40	Hydrochloric acid (HCl)	77	117
	Chlorinated cressol / Cresylic acid	0.04	Chlorinated cressol / Cresylic acid	12	12.04
			Sodium bisulfite ($NaHSO_3$)	30	30
	Total	40.04		119	159.04
Rain Water Harvesting(RWH)	☐ Level of the Ground water table – 30-40 mtr. ☐ Size and no of RWH tank(s) and Quantity 25 m^3				
Total Water Requirement	Total water requirement: 62 CMD ☐ Source: Jalgaon MIDC. Quantity of water required for Existing unit: 22 CMD ☐ Domestic : 2 CMD ☐ Process : 2.5 CMD ☐ Boiler : 9.5 CMD				

<table>
<tr><td></td><td>□ Industrial Cooling : 3 CMD
□ Garden : 5 CMD
Quantity of water required for Proposed Activity: 40 CMD
□ Domestic : 3 CMD
□ Process : 4.5 CMD
□ Boiler :20 CMD
□ Industrial Cooling : 7.5 CMD
□ Garden : 5 CMD</td></tr>
<tr><td>Storm water drainage</td><td>□ Natural water drainage pattern :Yes
□ Size of SWD: 400 mm x 600 mm</td></tr>
<tr><td>Sewage generation and treatment</td><td>□ Amount of sewage generation – 04 CMD
□ Proposed treatment for the sewage: septic tank followed by ETP treatment.</td></tr>
<tr><td>Effluent characteristic</td><td>
<table>
<tr><th>Sr. no</th><th>Parameters (pH, BOD,COD, heavy metal. etc</th><th>Inlet effluent characteristic Mg/L</th><th>Outlet effluent characteristic Mg/L</th><th>Effluent As per for Inland use standard (CPCB)</th></tr>
<tr><td>1</td><td>pH</td><td>6.08</td><td>7.0</td><td>5.5 to 9.0</td></tr>
<tr><td>2</td><td>BOD</td><td>13784</td><td>63</td><td>100</td></tr>
<tr><td>3</td><td>COD</td><td>28000</td><td>190</td><td>250</td></tr>
<tr><td>4</td><td>TDS</td><td>64644</td><td>292</td><td>2100</td></tr>
<tr><td>5</td><td>TSS</td><td>3868</td><td>56</td><td>100</td></tr>
<tr><td>6</td><td>Oil and Grease</td><td>16</td><td>3.8</td><td>10</td></tr>
<tr><td>7</td><td>Cyanide</td><td><0.001</td><td>N.D</td><td>0.2</td></tr>
</table>
Note:- 1)All the parameters are express in mg/L except pH.
2) Trade effluent containing cyanide stream is separately treated with Sodium Hypochlorite or sodium bisulphate to precipitate as there respective salt and solid this remove The effluent free from cyanide is check and conformed and mix with remaining effluent and treated further.</td></tr>
<tr><td>ETP details</td><td>□ Total Quantity of effluent : 12.7 CMD
□ Existing effluent quantity : 3.5 CMD</td></tr>
</table>

<table>
<tr><td></td><td>□ Proposed effluent quantity : 9.2 CMD
□ Capacity of the ETP (CMD): 15 CMD</td></tr>
<tr><td>Note on ETP technology to be used</td><td>Oil and Grease trap, neutralization tank, stripper column, settling tank, Triple Effect Evaporator followed by oxidation tank and PSF and ACF for Zero discharge.</td></tr>
<tr><td>Disposal of the ETP sludge (If applicable)</td><td>ETP sludge disposed by CHWTSDF at Ranjangaon, Pune.</td></tr>
<tr><td>Solid waste Management</td><td>
<table>
<tr><td>Sr. no</td><td>Source</td><td>Existing Qty(TPM)</td><td>Proposed Qty(TPM)</td><td>Form (sludge/Dry/ slurry etc.)</td></tr>
<tr><td>1.</td><td>Empty Drums (Non Hazardous)</td><td>50 No./M</td><td>100 No./M</td><td>Dry</td></tr>
<tr><td>2.</td><td>Paper Bags (Non Hazardous)</td><td>-</td><td>100 No./M</td><td>Dry</td></tr>
</table>
If waste(s) contain any hazardous/toxic substance/radioactive materials or heavy metals then provide quantity, disposal data and proposed precautionary measures.
Hazardous Waste Generation:
<table>
<tr><td>Sr. no</td><td>Source</td><td>Existing Qty(TPM)</td><td>Proposed Qty(TPM)</td><td>Form (sludge/ Dry /slurry etc.)</td><td>Compositi on</td></tr>
<tr><td>1</td><td>Process Residue and waste</td><td>0.01 MT/M</td><td>0.40 MT/M = 0.41MT/M</td><td>Solid</td><td>Organic</td></tr>
<tr><td>2</td><td>ETP Sludge</td><td>0.8 MT/M</td><td>1.2 MT/M = 2 MT/M</td><td>Sludge</td><td>Chemical mass</td></tr>
<tr><td>3</td><td>Distillatio n residues</td><td>0.5 MT/M</td><td>1.0 MT/M = 1.5MT/M</td><td>Sludge</td><td>Organic Mass</td></tr>
</table>
• What are the possibilities of recovery and recycling of wastes? : Nil
• Possible users of solid waste: The non hazardous solid waste sold to</td></tr>
</table>

	authorize dealer or sent to recycler. • Method of disposal of solid waste: Hazardous waste sent to CHWTSDF at Ranjangaon Pune.

Atmospheric Emissions (SPM, SO_2, NO_x, CO, etc.)	Sr. No	Pollutant	Source of emission	Total gas Quantity	Concentration in flue gas
	1	SPM	Boiler	8236 Nm3/h	124 mg/Nm3
	2	SO_2	Boiler	8236 Nm3/h	33 kg/d
	3	NO_X	Boiler	8236 Nm3/h	53 mg/Nm3
	5	Chlorine	-----	------ -	----
	6.	Hydrochloric Acid	Scrubber	- mg/Nm^3	13.7

Stack emission Details:	Plant section & units	Stack no	Height from ground level (M)	Internal diameter (top)(m)	Temp. of exhaust
	Boiler (2 nos.)	1	30 M	0.8	130 °C
	Existing D.G. Set	1	3 M (Above the roof)	0.300 m	145-155 °C
	Scrubber	1	7 M	0.275 m	35-40 °C

Emission Standard	Pollutants (SPM, SO_2, ect	Emission standard limit (as per C.T.O)	Existing limit (mg/Nm^3)	
	SPM	150 mg/Nm^3	124	
	SO_2	108 Kg/day	33	

Ambient Air Quality Data	Pollutant	Permissible standard	Proposed concentration (in µg/m^3)	Remarks
	PM 2.5	60 µg/m^3	28.40	As per NAAQM limit
	PM 10	100 µg/m^3	70.20	
	SO_2	80 µg/m^3	23.40	
	NO_X	80 µg/m^3	38.00	

<table>
<tr><td rowspan="3">Details of Fuel to be used:</td><td colspan="6"></td></tr>
<tr><td colspan="6"><table>
<tr><th rowspan="2">Sr. no</th><th rowspan="2">Fuel</th><th colspan="2">Daily Consumption (TPD/KLD)</th><th rowspan="2">Calorific value (k cal / kg)</th><th rowspan="2">% ash</th><th rowspan="2">% Sulphur</th></tr>
<tr><th>Existing</th><th>Proposed</th></tr>
<tr><td>1</td><td>Diesel</td><td>200 L/Day</td><td>200 L/ Day</td><td>10,800 Kcal/Kg</td><td>0.02 %</td><td>0.05-0.25%</td></tr>
<tr><td>2.</td><td>Coal/ Biomass</td><td>5 TPD</td><td>5 TPD</td><td>4487 Kcal/Kg</td><td>3.2 %</td><td>0.5%</td></tr>
</table></td></tr>
<tr><td colspan="6">Source of Coal /Diesel : local vendor
Mode of transportation of fuel to site: By Road</td></tr>
<tr><td>Energy</td><td colspan="6">Power supply: MSEDCL
Connected Load: 464 KVA
Proponent has applied for extra power load of 189 KVA
Existing power demand: 400 KVA
Proposed power demand: 50 KVA
Total (Existing + Proposed) demand will be around 450 KVA
Existing DG sets
Number: 01
capacity: 320 KVA
Details of the non-conventional renewable energy proposed to be used : Nil</td></tr>
<tr><td>Green Belt Development</td><td colspan="6">Green belt area (Sq. m.): 4045 Sq m</td></tr>
<tr><td rowspan="4">Details of Pollution Control Systems</td><td colspan="6"><table>
<tr><th>Sr. no</th><th></th><th>Existing pollution control system</th><th>Proposed to be installed</th></tr>
<tr><td>1</td><td>Air</td><td>Scrubbers, condenser and dust collectors</td><td>One HBR scrubber is proposed.</td></tr>
<tr><td>2</td><td>Water</td><td>ETP & MEE</td><td>Oxidation tank and PSF, ACF as tertiary treatment is proposed</td></tr>
<tr><td>3</td><td>Noise</td><td>Ear muffs and ear plugs</td><td>Acoustic Enclosure for DG sets.</td></tr>
</table></td></tr>
</table>

	4	Solid waste	Disposal to Authorized common facility	Existing Facilities will be used.

Environmental Management plan plan □ O&M cost (With break up) : Budgetary Allocation	□ Total cost of the proposed project: 2 Cr. □ Capital cost of pollution control (With break up) : 20,00000/- □ O&M cost of pollution control (With break up) : 4,00,000/-			
	Sr. no		Recurring Cost/A in Rs.	Capital Cost/A in Rs.
	1	Air Pollution Control	1,00,000/-	6,00,000/-
	2	Water Pollution Control	2,00,000/-	11,00,000/-
	3	Noise Pollution Control	30,000/-	1,00,000/-
	4	Environment monitoring and Management	30,000/-	1,00,000/-
	6	Occupational health	20,000/-	20,000/-
	7	Green Belt	10,000/-	50,000/-
	8	Solid waste management	10,000/-	30,000/-
		Total Cost	4,00,000/-	20,00,000/-
EIA	EIA submitted on 7/1/2015 to SEAC-1			

Storage of chemicals (inflammable /explosive/hazardous/toxic substances)

Sr. no	Name	Number of storage's	Capacity	Physical and Chemical composition	Consumption (in TPD)	Maximum Quantity of storage at any point of time	Source of supply	Means of transport-ation
1	Methanol	12 Barrels	200 lit	Liquid 99%	0.10	2 KL	Local Purchase	By Road
2	Hexane	9 Barrels	200 Lit	Liquid 99%	0.50	2 KL	Local Purchase	By Road
3	Toluene	1	15 KL	Liquid	0.20	15 KL	Local	By Road

		Under-ground Tank		99%			Purchase	
4	Sodium Cyanide	6 Drums	50 Kg	Solid 98%	0.10	3.0 MT	Local Purchase	By Road
5.	Sulphuric acid	1Under-ground MS Tank	20 KL	Liquid	0.4	5 KL	Local Purchase	By Road
6.	Chlorine	Tonner	0.9 MT	Gas	0.2	2.7 MT	Local Purchase	By Road

3. The proposal has been considered by SEIAA in its 82nd meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions :

General Conditions for Pre- construction phase:-

(i) This environment clearance is issued subject to providing 6m access road for proposed new boiler.

(ii) No additional land shall be used /acquired for any activity of the project without obtaining proper permission.

(iii) For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.

(iv) Regular monitoring of the air quality, including SPM & SO2 levels both in work zone and ambient air shall be carried out in and around the power plant and records shall be maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) & submit report accordingly to MPCB.

(v) Necessary arrangement shall be made to adequate safety and ventilation arrangement in furnace area.

(vi) Proper Housekeeping programmes shall be implemented.

(vii) In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieve.

(viii) A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set.(If applicable)

(ix) A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.

(x) Arrangement shall be made that effluent and storm water does not get mixed.

(xi) Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.

(xii) Leq of Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.

(xiii) The overall noise levels in and around the plant are shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.

(xiv) Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.

(xv) Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.

(xvi) Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.

(xvii) The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.

(xviii) The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.

(xix) The company shall undertake following Waste Minimization Measures :

- Metering of quantities of active ingredients to minimize waste.
- Reuse of by- products from the process as raw materials or as raw material substitutes in other process.
- Maximizing Recoveries.
- Use of automated material transfer system to minimize spillage.

(xx) Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required, if any, in the on-site management plan shall be ensured.

(xxi) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.

(xxii) Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of the ash.

(xxiii) Separate silos will be provided for collecting and storing bottom ash and fly ash.

(xxiv) Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department

(xxv) The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the marathi

language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://ec.maharashtra.gov.in

(xxvi) Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.

(xxvii) A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.

(xxviii)The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO_2, NOx (ambient levels as well as stack emissions) or critical sectorai parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

(xxix) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.

(xxx) The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.

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

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

6. **Validity of Environment Clearance**: The environmental clearance accorded shall be valid for a period of 5 years to start of production operations.

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

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

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

13/5/15

(Sitaram Kunte)
Principal Secretary,
Environment department &
MS, SEIAA.

Copy to:

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

(EC uploaded on 13/05/2015)

DATA SHEET

No.			
1.	**Project type:** River Valley / Mining / Industry / Thermal / Nuclear / Others (specify)	**:**	Industry
2.	**Name of the Project**	**:**	Benzo Chem Industries Pvt. Ltd.
3.	**Clearance letter (s) / OM No. and date**	**:**	SEAC-2013/CR-265/TC-2
4.	**Location** a) District (s)	**:**	Jalgaon
	b) State (s)	**:**	Maharashtra
	c) Location latitude / longitude	**:**	20º 58' 51' N/ 75º 35' 08" E
5.	**Address for Correspondence** a) Address of the Concerned Project Chief Engineer (with Pin code & Telephone / Telex / Fax Numbers)	**:**	Plot no. E-13, E-14 and E-15, MIDC Jalgaon, Maharashtra
	b) Address of the Concerned Project Chief Engineer (with Pin code & Telephone / Telex / Fax Numbers)		
6.	**Salient features** a) of the Project	**:**	Expansion project for manufacturing of Synthetic Organic Chemicals Total Production: 802.64 MT/A By- Products: 159.04 MT/A Total Plot Area: 12150 Sq.m. Green belt Area: 1215 Sq.m (Inside the premises factory premises) 500 sq.m (Outside the premises adjacent to the factory has been developed) Utilities: 1 Nos. of Boilers and 1 nos of Thermic Fluid heater with common stack of height 30 m. 2 Nos of DG set each with 3m stack height. Wastewater treatment: Effluent Treatment Plant (ETP) of designed capacity of 30.00 CMD consisting of Primary (Collection tank, Neutralization tank, Equalization tank, Primary Clarifier/Primary Settling Tank), Secondary (Activated sludge process), Tertiary (Pressure sand filter, Activated carbon filter), Advanced treatment (Stripper, Multi effective evaporator, ATFD), Sludge treatment (Sludge drying bed) for the treatment of 21.7 CMD of trade effluent. The existing facility is Zero Liquid Discharge.
	b) of the Environmental Management Plans		EMP cost for 2021-22 EMP Capital cost: Rs. 20 Lacs

<table>
<tr><td></td><td></td><td></td><td>Recurring cost: Rs. 3.06 Lacs/A

Total recurring cost incurred on the environmental management plans from 2018 till 2022 is 28.44 Lakhs

Refer the item-wise and the year wise expenditure which is enclosed as Enclosure-1</td></tr>
<tr><td>7.</td><td>Break up of the Project Area
a) Submergence area: forest & non forest</td><td>:</td><td>Not applicable</td></tr>
<tr><td></td><td>b) Others</td><td></td><td>Not applicable</td></tr>
<tr><td>8.</td><td>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</td><td>:</td><td>Not applicable</td></tr>
<tr><td></td><td>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)</td><td>:</td><td></td></tr>
<tr><td>9
a)</td><td>Financial Details: Project cost as originally planned and subsequent revised estimates and the year of price reference</td><td>:</td><td>The existing cost of the project is Rs. 31.2154 Crores</td></tr>
<tr><td>b)</td><td>Allocation made for environmental management plans with item wise and year wise breakup</td><td>:</td><td>
<table>
<tr><th>Sr. No</th><th>Details</th><th>Capital Cost in Lacs</th><th>Recurring Cost in Lacs/A</th></tr>
<tr><td>1</td><td>Air Pollution control</td><td>6.0</td><td>1.0</td></tr>
<tr><td>2</td><td>Water Pollution control</td><td>11.0</td><td>2.0</td></tr>
<tr><td>3</td><td>Noise Pollution control</td><td>1.0</td><td>0.3</td></tr>
<tr><td>4</td><td>Environment monitoring and Management</td><td>1.0</td><td>0.3</td></tr>
<tr><td>5</td><td>Occupation health</td><td>0.2</td><td>0.2</td></tr>
<tr><td>6</td><td>Green Belt</td><td>0.5</td><td>0.1</td></tr>
<tr><td>7</td><td>Solid Waste Management</td><td>0.3</td><td>0.1</td></tr>
<tr><td></td><td>Total</td><td>20.0</td><td>4.0</td></tr>
</table>
</td></tr>
<tr><td>c)</td><td>Whether (c)includes the cost of environmental management as shown in the above</td><td>:</td><td>Yes</td></tr>
</table>

d)	Actual expenditure incurred on the project so far	:	Rs. 31.2154 Cr.
e)	Actual expenditure incurred on the environmental management plans so far	:	Rs. 20.0 Lacs
10	**Forest Land Requirement**		
a)	The status of approval for diversion of forest land for non-forestry use	:	Not applicable
b)	The status of clearing felling	:	Not applicable
c)	The status of compensatory afore station, if any Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far	:	Not applicable
11	**The status of clear felling** in non-forest areas (such as submergence area or reservoir, approach roads.), if any with quantitative information required.	:	Not applicable
12	**Status of construction** (Actual&/or planned)		Completed
a)	Date of commencement (Planned)	:	May 2017
b)	Date of completion (Actual)	:	March 2017
13	**Reasons for the delay** if the project is yet to start	:	No Delay
14	**Dates of Site Visits**		
a)	The dates on which the project was monitored by the Regional Office on previous occasions, if any	:	No site visit done by MoEF & CC Regional Office Nagpur
b)	Date of site visits for this monitoring report	:	None

Sr. No	Details	Capital Cost in Lacs	Recurring Cost in Lacs/A					
		2022	2018	2019	2020	2021	2022	Total
1	Air Pollution control	6.0	0.50	1.0	0.50	1.0	1.0	4.00
2	Water Pollution control	11.0	1.75	1.50	1.50	1.25	1.50	7.50
3	Noise Pollution control	1.0	0.15	0.10	0.20	0.15	0.10	0.70
4	Environment monitoring and Management	1.0	0.10	0.10	0.15	0.20	0.15	0.70
5	Occupation health	0.2	0.2	0.2	0.25	0.25	0.2	1.10
6	Green Belt	0.5	0.1	0.09	0.11	0.15	0.05	0.50
7	Solid Waste Management	0.3	0.1	0.05	0.1	0.08	0.06	0.39
	Total	20.0	2.90	3.04	2.81	3.08	3.06	13.55
	Grand total of the recurring expenditure from the year 2018 till the year 2022		Rs. 28.44 Lacs					

Point by Point comment on Environment Clearance letter:

Sr No	Terms and conditions in EC	Compliance
i	This environment clearance is issued subject to providing 6m access road for proposed new boiler.	All internal roads of 6m width and 9m at turning are already provided for the proposed new boiler.
ii	No additional land shall be used 'acquired for any activity of the project without obtaining proper permission.	No additional land is used for any activity of the project.
Iii	For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.	The said dust emission controls were followed during production activity. Regular monitoring is done, workplace monitoring reports area attached as **Annexure-1** . RSPM: 0.114 mg/m^3 SPM: 0.160 mg/m^3 HCL: 3.2 mg/m^3
Iv	Regular monitoring of the air quality, including SPM & SQ2 levels both in work zone and ambient air shall be carried out in and around the power plant and records shall be maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) & submit report accordingly to MPCB.	Ambient Air monitoring is being done regularly at our manufacturing unit. The frequency has been decided in consultation with MPCB officials. Monitoring results are as follows: SPM: 156.0 µg/m^3 PM10: 74.0 µg/m^3 SO2: 19.1 µg/m^3 NOx: 16.2 µg/m^3 Reports for the same are attached as **Annexure -1**.
V	Necessary arrangement shall be made to adequate safety and ventilation arrangement in furnace area.	Necessary arrangement for adequate safety and ventilation arrangement in furnace area is already provided.
Vi	Proper Housekeeping program shall be implemented	Housekeeping is being done regularly. Photograph and Record of the same is attached as **Annexure-2** .
Vii	In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieve.	In the event of the failure of any pollution control system adopted by the unit, the unit will immediately put out of operation and shall not be restarted until the desired efficiency has been achieve
Viii	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set.(If applicable)	3 m stack above the roof is provided for DG set to the dispersion of pollutant from DG set.

Ix	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.	The roof top rain water harvesting is already provided. Photograph of the same is attached as **Annexure -3**.
X	Arrangement shall be made that effluent and storm water does not get mixed.	Separate drain available for Effluent and Storm Water**.**
XI	Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board	Not applicable. No ground water source within factory premises.
XII	Leq of Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.	Noise levels are maintained as per standards by implementing various control measures. Proper PPE are provided for people working in high noise areas. The noise reports are attached as **Annexure-1**
XIII	The overall noise levels in and around the plant are shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.	Noise levels were monitored at 6 locations in the factory premises. Noise monitoring is being done regularly. Reports for the same are attached as **Annexure-1**.
XIV	Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.	Green belt inside the premises is 1215 sq.m and outside 500 sq.m has been developed and maintained outside the premises adjacent to the factory. Green Belt Development is carried out considering CPCB guidelines. Photographs of the Greenbelt are attached as **Annexure 4.**
XV	Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning	Company has full-fledged safety and fire department with implementation & monitoring of adequate safety measures. Risk Analysis, On - Site Emergency plan is prepared and regularly updated. Leak detection system is installed at strategic places. Photographs of the same are attached as **Annexure-5.**
XVI	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as	Medical checkup of the all workers are regularly done and annual return as

	per Factories Act	Form 7 is attached as **Annexure-6**.
XVII	The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling	Firefighting system is already available at project site.
XVIII	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes	The company is strictly complying with the rules and regulations with regard to handling and disposal of hazardous waste in accordance with the Hazardous Waste (Management and Handling) Rules, 2003. We have already taken permission from CHWTSDF, Ranjangaon (Pune) Consent to establish & operate obtained from MPCB. Hazardous waste return (Form 4) along with CHWTSDF membership is attached as **Annexure-7**.
XIX	The company shall undertake following Waste Minimization Measures: a) Metering 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 process. c) Maximizing Recoveries. d) Use of automated material transfer system to minimize spillage. e) Use of "Closed Feed" system into batch reactors.	Followed as per the requirement: (a) All raw materials are metered and controlled for its quantities to minimize waste. (b) Generated by-products cannot be used in the unit hence, selling to authorized vendors with proper documentation. (c) Recovered solvents are reused in processes. (d) Pumps are used to transfer liquids in closed pipelines. (e) Closed hoppers are provided for solid material charging in reactors.
XX	Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required. If any, in the on-site management plan shall be ensured.	Regular fire and safety trainings, mock drills are carried out at factory. Photographs of the same are attached in the **Annexure-8**.
XXI	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	We have separate environment management cell for implementation of the stipulated environmental safeguards. Organogram of Environmental Cell is attached as **Annexure-9.**
XXII	Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of the ash.	Transportation of ash is being carrying out through closed to prevent spilling of the ash.
XXIII	Separate silos will be provided for collecting and storing bottom ash and fly ash.	Separate storage space already provided for collecting and storing bottom ash and fly ash. Photograph of

		the same is attached as **Annexure-10.**
XXIV	Separate funds shall be allocated for implementation of environmental protection measures / EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.	Already done.
XXV	The project management shall advertise at least in two local newspapers widely circulated in the region around the project. One of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://envis/maharashtra.gov.in.	We have published the advertisement of the obtained Environmental Clearance in the one newspaper i.e, Sakal (Jalgaon Edition) dated 12/01/2016. The advertisement is enclosed as **Annexure-14**
XXVI	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1stDecember of each calendar year.	Noted & being done.
XXVII	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	We have uploaded the EC letter and other documents on the website. Screenshot of the same is attached as **Annexure- 11.** Weblink: http://www.bcipl.com/environment
XXVIII	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB and the SPCB. The criteria pollutants levels namely; SPM, RSPM, SO2 NOx (ambient levels as well as stack emissions) or critical sectorial parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Noted & being done. Photograph of the main gate is Attached as **Annexure-12**. Results of the environmental monitoring is displayed on the notice board.
XXIX	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the	Noted & being done.

	respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	
XXX	The environmental statement for each financial year ending 31st March in form –V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986., as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	We are regularly submitting environment statement to MPCB and copy of the same is attached as **Annexure-13**.

List of Annexures

Sr. No	Annexure Title
1.	Environmental monitoring reports
2.	Housekeeping photographs
3.	Photographs of the rain water harvesting
4.	Photographs of the green belt
5.	Photographs of the safety measures undertaken
6.	Form -7
7.	Form -4 along with CHWTSDF membership
8.	Photographs of the fire safety measures
9.	Organogram of the Environmental Management Cell
10.	Photographs of the storage space for the bottom ash and fly ash
11.	Screenshot of the EC letter and other documents on the company's website
12.	Photograph of the environmental monitoring results displayed on the notice board
13.	Latest submitted Environmental Statement
14.	Advertisement regarding accord of EC in the newspaper
15.	Latest valid CTO

Annexure – 1

Environmental monitoring reports

Ashwamedh
Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
Survey No. 102, Plot No.26, Wadala Pathardi Road,
Indira Nagar, Nashik - 422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari,
Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

WORK ROOM ENVIRONMENT MONITORING REPORT

Sample ID : WR/05/22/5969	Report No. WR/05/22/5969N	Report Date	01/06/2022
Name and address of Customer	**Benzo Chem Industries Pvt. Ltd.** E-13/14, MIDC Area Jalgaon, Dist - Jalgaon, Maharashtra	Order Reference : JO. No. JO/BCIPL/JAL/2021-21/10 dated 06/08/2021	
Sampling done by	Laboratory	Sample Description / Type	Workplace Environment
Sampling Location	Production Department	Date - Sampling	27/05/2022
Sample Quantity / Packing	RSPM, SPM: 1 no. Filter paper & 1 no. zip bag Acid Fumes (as HCl): 30 ml x 1 no. plastic bottle	Date - Receipt of Sample	28/05/2022
Sampling Procedure	As per Method Reference	Date - Start of Analysis	28/05/2022
Duration of Sampling	8 h	Date - Completion of Analysis	31/05/2022

Parameter	Result	Limit as per Second schedule of factories Act/OSHA# TWA (8 h)	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Suspended Particulate Matter (SPM)	**0.160**	15	mg/m³	NIOSH 0500
Acid Fumes (as HCl)	**3.2**	7	mg/m³	Titrimetric Method

TWA: Time Weighted Average
Note: Sample ID WR/05/22/5969 bears two Test Reports - WR/05/22/5969 and WR/05/22/5969N

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

Note:
1. The result listed refer only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509
Ashwamedh Engineers & Consultants
Survey No. 102, Plot No.26, Wadala Pathardi Road,
Indira Nagar, Nashik - 422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari,
Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

WORK ROOM ENVIRONMENT MONITORING REPORT

Sample ID : WR/05/22/5969	Report No. WR/05/22/5969	Report Date	01/06/2022
Name and address of Customer	**Benzo Chem Industries Pvt. Ltd.** E-13/14, MIDC Area Jalgaon, Dist - Jalgaon, Maharashtra	Order Reference : JO. No. JO/BCIPL/JAL/2021-21/10 dated 06/08/2021	
Sampling done by	Laboratory	Sample Description / Type	Workplace Environment
Sampling Location	Production Department	Date - Sampling	27/05/2022
Sample Quantity / Packing	RSPM, SPM: 1 no. Filter paper & 1 no. zip bag Acid Fumes (as HCl): 30 ml x 1 no. plastic bottle	Date - Receipt of Sample	28/05/2022
Sampling Procedure	As per Method Reference	Date - Start of Analysis	28/05/2022
Duration of Sampling	8 h	Date - Completion of Analysis	31/05/2022

Parameter	Result	Limit as per Second schedule of factories Act/OSHA# TWA (8 h)	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Respirable Suspended Particulate Matter (RSPM)	**0.114**	5	mg/m³	NIOSH 0500

TWA: Time Weighted Average
Note: Sample ID WR/05/22/5969 bears two Test Reports - WR/05/22/5969 and WR/05/22/5969N

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

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Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

NOISE LEVEL MEASUREMENT REPORT

Sample ID: N/05/22/5965	Report No.: N/05/22/5965	Report Date	30/05/2022
Name and Address of Customer	**Benzo Chem Industries Pvt. Ltd.;** E – 13 /14, M.I.D.C. Area, Jalgaon 425003 Dist. Jalgaon		
Monitoring Done By	Laboratory	Sample Description/Type	Ambient Noise
Order Reference	W. Order No. JO/BCIPL/JAL/2020-21/10 Dt. 06.08.2021	Date of Monitoring	27/05/2022

Chemical Testing; Group: Atmospheric Pollution

Sr. No.	Location	Time (h)	Result Noise Level dB (A)	Method
1.	Production Department (Ground Floor)	11:00	75.7	CPCB Protocol for Ambient Level Noise Monitoring. July AEC/C/SAP/SAM/35 & 36, Issue no.4, Issue date 01.04.2018
		22:00	69.8	
2.	Near Main Gate No.1	11:10	67.3	
		22:10	59.6	
3.	F.B.D. Room	11:20	72.4	
		22:20	68.0	
4.	Boiler House	11:30	83.1	
		22:30	79.9	
5.	E.T.P.	11:40	73.2	
		22:40	69.8	
6.	Production Building (Back Side)	11:50	71.5	
		22:50	67.3	

Limits

As per The Noise Pollution (Regulation & Control) Rules, 2000 (Rules 3(1) and 4(1))

Area Code	Area Type	Limits in dB (A) weighted scale	
		Day (6 a.m. to 10 p.m.)	Night (10 p.m. to 6 a.m.)
A	Industrial	75	70

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

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Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

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Survey No. 102, Plot No.26, Wadala Pathardi Road,
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sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID : E/05/22/0423	Report No. E/05/22/0423	Report Date	04/06/2022
Name and address of Customer	**Benzo Chem Industries Pvt. Ltd.** E-13/14, MIDC Area Jalgaon, Dist - Jalgaon, Maharashtra		
Sampling done by	Customer	Sample Description / Type	Untreated Trade Effluent
Sampling Location	ETP Inlet	Date - Receipt of Sample	30/05/2022
Sample Quantity / Packing	2 L x 1 no. plastic can	Date - Start of Analysis	30/05/2022
Order Reference	JO/BCIPL/JAL/2020-21/10 dated 06.08.2021	Date - Completion of Analysis	04/06/2022

Sr.No.	Parameter	Result	Unit	Method
Chemical Testing; Group: Pollution & Environment				
1	pH	**7.69**	-	IS 3025 (Part 11):1983
2	Total Suspended Solids	**68**	mg/L	IS 3025 (Part 17):1984
3	Biochemical Oxygen Demand (3 days, 27°C)	**4700**	mg/L	IS 3025 (Part 44):1993
4	Chemical Oxygen Demand	**10200**	mg/L	APHA, 23rd Ed., 5220-B,5-18: 2017
5	Oil & Grease	**BLQ (LOQ:1)**	mg/L	APHA, 23rd Ed., 5520-B, 5-42: 2017
6	Sulphate (as SO_4)	**18.4**	mg/L	IS 3025 (Part 24):1986

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
Note: Sample ID E/05/22/0423 bears two Test Reports - E/05/22/0423 and E/05/22/0423N

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

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Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
Survey No. 102, Plot No.26, Wadala Pathardi Road,
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(Near Guru Gobind Singh School, Near Pandav Nagari,
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sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID : E/05/22/0423	Report No. E/05/22/0423N	Report Date	04/06/2022
Name and address of Customer	**Benzo Chem Industries Pvt. Ltd.** E-13/14, MIDC Area Jalgaon, Dist - Jalgaon, Maharashtra		
Sampling done by	Customer	Sample Description / Type	Untreated Trade Effluent
Sampling Location	ETP Inlet	Date - Receipt of Sample	30/05/2022
Sample Quantity / Packing	2 L x 1 no. plastic can	Date - Start of Analysis	30/05/2022
Order Reference	JO/BCIPL/JAL/2020-21/10 dated 06.08.2021	Date - Completion of Analysis	04/06/2022

Sr.No.	Parameter	Result	Unit	Method
Chemical Testing; Group: Pollution & Environment				
1	Total Dissolved Solids	**21700**	mg/L	IS 3025 (Part 16):1984
2	Chloride (as Cl)	**13196**	mg/L	IS 3025 (Part 32):1988

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
Note: Sample ID E/05/22/0423 bears two Test Reports - E/05/22/0423 and E/05/22/0423N

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

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End of Report

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Laboratory Services Division
TC-5509

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TEST REPORT

Sample ID : E/05/22/0424	Report No. E/05/22/0424	Report Date	04/06/2022
Name and address of Customer	**Benzo Chem Industries Pvt. Ltd.** E-13/14, MIDC Area Jalgaon, Dist - Jalgaon, Maharashtra		
Sampling done by	Customer	Sample Description / Type	Treated Trade Effluent
Sampling Location	ETP Outlet	Date - Receipt of Sample	30/05/2022
Sample Quantity / Packing	2 L x 1 no. plastic can	Date - Start of Analysis	30/05/2022
Order Reference	JO/BCIPL/JAL/2020-21/10 dated 06.08.2021	Date - Completion of Analysis	04/06/2022

Sr.No.	Parameter	Result	Unit	Method
Chemical Testing; Group: Pollution & Environment				
	pH	**8.33**	-	IS 3025 (Part 11):1983
2	Total Suspended Solids	**18**	mg/L	IS 3025 (Part 17):1984
3	Biochemical Oxygen Demand (3 days, 27°C)	**12**	mg/L	IS 3025 (Part 44):1993
4	Chemical Oxygen Demand	**50**	mg/L	APHA, 23rd Ed., 5220-B,5-18: 2017
5	Total Dissolved Solids	**718**	mg/L	IS 3025 (Part 16):1984
6	Oil & Grease	**BLQ (LOQ:1)**	mg/L	APHA, 23rd Ed., 5520-B, 5-42: 2017
7	Chloride (as Cl)	**85**	mg/L	IS 3025 (Part 32):1988
8	Sulphate (as SO_4)	**76.4**	mg/L	IS 3025 (Part 24):1986

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/05/22/5964	Report No. AA/05/22/5964	Report Date	02/06/2022
Name and address of Customer	**Benzo Chem Industries Pvt. Ltd.** E-13/14, MIDC Area Jalgaon, Dist - Jalgaon, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Laboratory	Date - Sampling	27/05/2022
Sample Quantity / Packing	PM_{10}, SPM: 1 no. Filter paper & 1 no. zip bag SO_2: 30 ml x 2 no. plastic bottle NO_2: 30 ml x 2 no. plastic bottle	Date - Receipt of Sample	28/05/2022
Sampling Procedure	As per Method Reference	Date - Start of Analysis	28/05/2022
Order Reference	JO No. JO/BCIPL/JAL/2020-21/10 DT. 06.08.2021	Date - Completion of Analysis	01/06/2022

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
9.2 km/h	NE	(Max./Min.): 48/32%	(Max./Min.): 42/29°C	8 h

Parameter	Result	Unit	Method
Chemical Testing; Group: Atmospheric Pollution			
Sulphur Dioxide (SO_2)	**19.1**	µg/m³	IS 5182 (Part 2): 2001
Nitrogen Dioxide (NO_2)	**16.2**	µg/m³	IS 5182 (Part 6): 2006
Particulate Matter (size less than 10 µm) or PM_{10}	**74**	µg/m³	IS 5182 (Part 23):2006
Suspended Particulate Matter (SPM)	**156**	µg/m3	IS 5182 (Part 4): 1999

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STACK EMISSION MONITORING REPORT

Sample ID : SA/05/22/5968	Report No. SA/05/22/5968	Report Date	02/06/2022
Name and address of Customer	**Benzo Chem Industries Pvt. Ltd.** E-13/14, MIDC Area Jalgaon, Dist - Jalgaon, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Stack Emission
Sample Quantity / Packing	PM: 1 no. Thimble SO_2: 30 ml x 1 no. plastic bottle NO_2: 25 ml x 1 no. plastic bottle	Date - Sampling	27/05/2022
		Date - Receipt of Sample	28/05/2022
Sampling Procedure	IS 11255 (Part 1):1985 (Part 2):1985 (Part 3):2008, (Part 7):2005	Date - Start of Analysis	28/05/2022
Order Reference	JO No.JO/BCIPL/JAL/2020-21/10 DT. 06.08.2021	Date - Completion of Analysis	01/06/2022

Stack Details	
~ Stack Identity	Stack-1
~ Stack attached to	Boiler No. MR. 18307 & Thermopack
~ Material of construction	MS
~ Stack height above ground level	30.0 m
~ Stack diameter	0.8 m
~ Stack shape at top	Round
~ Type of Fuel	Coal
~ Fuel Consumption	8 t/h

Parameter	Result	Limits as per MPCB Consent	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Flue Gas Temperature	**138**	-	°C	IS 11255 (Part 3):2008
Flue Gas Velocity	**11.4**	-	m/s	IS 11255 (Part 3):2008
Flue Gas Flow Rate	**14111**	-	Nm^3/h	IS 11255 (Part 3):2008
Particulate Matter (PM)	**128**	150	mg/Nm^3	IS 11255 (Part 1):1985
Sulphur Dioxide (SO_2)	**65.6**	Not specified	mg/Nm^3	IS 11255 (Part 2):1985
Sulphur Dioxide (SO_2)	**22.2**	33	kg/d	IS 11255 (Part 2):1985
Nitrogen Dioxide (NO_2)	**86.4**	Not specified	mg/Nm^3	IS 11255 (Part 7):2005

Ninad Soundankar
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STACK EMISSION MONITORING REPORT

Sample ID : SA/05/22/3381	Report No. SA/05/22/3381N	Report Date	02/06/2022
Name and address of Customer	**Benzo Chem Industries Pvt. Ltd.** E-13/14, MIDC Area Jalgaon, Dist - Jalgaon, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Stack Emission
Sample Quantity / Packing	Acid Mist (as HCl): 30 ml x 1 no. plastic bottle	Date - Sampling	27/05/2022
		Date - Receipt of Sample	28/05/2022
Sampling Procedure	IS 11255 (Part 3): 2008	Date - Start of Analysis	28/05/2022
Order Reference	JO. No.JO/BCIPL/JAL/2020-21/10 DT. 06.08.2021	Date - Completion of Analysis	01/06/2022

Stack Details	
~ Stack Identity	Stack No. 2
~ Stack attached to	HCl Scrubber
~ Material of construction	P.V.C.
~ Stack height above ground level	25.0 m
~ Stack diameter	0.3 m
~ Stack shape at top	Round
~ Type of Fuel	-
~ Fuel Consumption	-

Parameter	Result	Limits as per MPCB Consent	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Flue Gas Temperature	**37**	-	°C	IS 11255 (Part 3):2008
Flue Gas Velocity	**16.7**	-	m/s	IS 11255 (Part 3):2008
Flue Gas Flow Rate	**3876**	-	Nm^3/h	IS 11255 (Part 3):2008
Acid Mist (as HCl)	**17.2**	35	mg/Nm^3	Titrimetric Method

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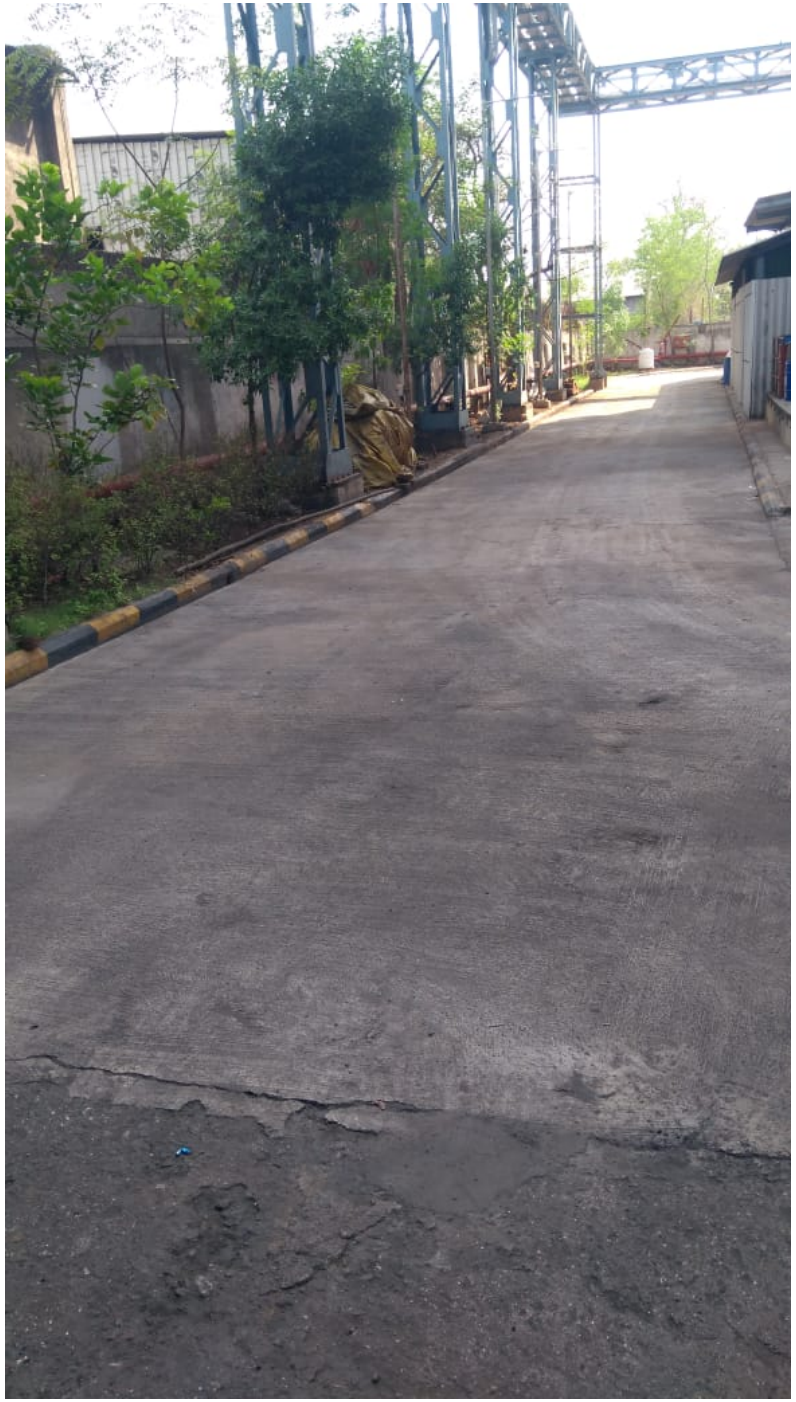
Annexure –2

Housekeeping photographs



Annexure – 3

Photographs of the rain water harvesting

Annexure – 4

Photographs of the green belt


OFFICE

Annexure – 5

Photographs of the safety measures undertaken


FIRE
PRESS HERE


D-2


OVED
REA
WH-OFFICE

Annexure – 6

Form -7

Benzochem Industries Pvt Ltd, E 13/14, MIDC, Jalgaon

(See Rule 18(7) and Schedule II, III, IV, VIII, X, XI, Xiii, XIV, XV, XVII, XVIII and XX to Rule 114)

FORM 7

Sr. No.	Employee No.	Name of Worker	Age	Sex	Date of Employment of Present Work	Date of Leaving or Tranfer to Other Work	Reason for Leaving/ Transfer/ Discharge	Nature of Job	Raw Material or Bye-product Handled	Date of Medical Examination	Result of Examination	If suspended from work, state the period of suspension with details	Certified fit to resume duty on, with signature of Certifying Surgeon	If certificate of unfit or suspension issed to worker	Signature with date of Certifying Surgeon
1	10110005	Akul Amit Suresh	40	M			—	Stores		08/02/2021	Fit	—	—	—	
2	10116099	Attarde Dipak V.	25	M			—	Maint		08/02/2021	Fit	—	—	—	
3	10108014	Badgujar Sunil Ramdas	55	M			—	Office		07/02/2021	Fit	—	—	—	
4	10103011	Baral Rupsing Premsing	41	M			—	Office		07/02/2021	Fit	—	—	—	
5	10106134	Barhate Yogesh Vilas	35	M			—	Prod.		08/02/2021	Fit	—	—	—	
6	10216139	Bari Anil Gotu	49	M			—	Stores		07/02/2021	Fit	—	—	—	
7	10206042	Bari D. N.	53	M			—	Prod.		08/02/2021	Fit	—	—	—	
8	10210007	Bari Murlidhar	50	M			—	Fg		08/02/2021	Fit	—	—	—	
9	10206062	Bari Raghunath Vishvnath	59	M			—	Prod.		07/02/2021	Fit	—	—	—	
10	10606002	Bari Santosh Pundilk	59	M			—	Plan		07/02/2021	Fit	—	—	—	
11	10125164	Bhamare Prashant Vinayak	36	M			—	E.H.S		07/02/2021	Fit	—	—	—	
12	10216055	Bhangale Deepak Kishor	43	M			—	Boiler		07/02/2021	Fit	—	—	—	
13	90121030	Bhawar Chandrakant H.	41	M			—	R&D		07/02/2021	Fit	—	—	—	
14	10116204	Bhirud Kiran Hiraman	48	M			—	Electrical		07/02/2021	Fit	—	—	—	
15	10109102	Bhole Tejsing Ishwarsingh	31	M			—	Office		07/02/2021	Fit	—	—	—	
16	10103009	Birla Jagdish	52	M			—	Account		07/02/2021	Fit	—	—	—	
17	10206044	Borole Dattatraya Eknath	52	M			—	Oprater		07/02/2021	Fit	—	—	—	
18	10106202	Chandele Yogesh Dagadu	22	M			—	A.E.P.		07/02/2021	Fit	—	—	—	
19	10106135	Chaudhari Jitendra Daulat	46	M			—	Prod.		07/02/2021	Fit	—	—	—	
20	10206054	Chaudhari Suresh Purushottam	57	M			—	Etp		07/02/2021	Fit	—	—	—	
21	10122115	Chavan Kunal Vasantrao	42	M			—	Office		07/02/2021	Fit	—	—	—	
22	90121096	Chavan Nikhil Sudhakar	28	M			—	A.P.I		07/02/2021	Fit	—	—	—	
23	BM0127	Chendkapure Sandip Devidas	45	M			—	Stores		08/02/2021	Fit	—	—	—	
24	BJ0108	Chopade Satish Yadavrao	40	M			—	GMP		08/02/2021	Fit	—	—	—	
25	10206046	Dandage Gajanan Bhagwat	30	M			—	Prod.		07/02/2021	Fit	—	—	—	

Dr. Gaurav Prakash Mahajan
M.B.B.S.,M.D.,F.C.N.,A.F.I.H.
Reg.No.2012/10/3148
Authorised Certifing Surgeon

नमुना अधिनियम १९४८ चा कलम ९०(२)
प्रमाणे, जळगाव जिल्ह्याकरिता
दिनांक 09/03/२०१९ पासून २८/03/२०२१
पर्यंत प्राधिकृत प्रमाणकशल्यचिकित्सक
Dr.ACS 13 - GM/2019

26	90112225	Dhake Bhushan Rambhau	24	M			----	R&D		07/02/2021	Fit	----	----	----	
27	10116020	Dhake Prafull	52	M			----	Plan		07/02/2021	Fit	----	----	----	
28	10106082	Dharmadhikari Samir Kishor	30	M			----	Prod.		07/02/2021	Fit	----	----	----	
29	10206063	Dhongale Sudhir Pandurang	41	M			----	Prod.		07/02/2021	Fit	----	----	----	
30	10110308	Dixit S. P.	57	M			----	Accest		08/02/2021	Fit	----	----	----	
31	10106228	Fuse Harshal Harichnad	26	M			----	Packing		07/02/2021	Fit	----	----	----	
32	10206046	Gaikwad Gajanan B.	56	M			----	Plan		08/02/2021	Fit	----	----	----	
33	10106122	Gajare Prabhu Kisan	52	M			----	Prod.		07/02/2021	Fit	----	----	----	
34	90121221	Goyekar Sampat	36	M			----	R.&.D		07/02/2021	Fit	----	----	----	
35	10110078	Jadhav Chandrakant	38	M			----	Stores		07/02/2021	Fit	----	----	----	
36	10609001	Jangale Keshav Baliram	62	M			----	Office		08/02/2021	Fit	----	----	----	
37	BJ0049	Jawale Santosh D.	44	M			----			08/02/2021	Fit	----	----	----	
38	10113002	Jhawar Paresh	43	M			----	A/C		08/02/2021	Fit	----	----	----	
39	10120080	Jhawar Swapnesh S.	45	M			----	Audit		08/02/2021	Fit	----	----	----	
40	10106086	Karanjkar Vijay G.	49	M			----	Plan		08/02/2021	Fit	----	----	----	
41	10206053	Khadse Shailendra Shalikram	52	M			----	Prod.		07/02/2021	Fit	----	----	----	
42	10103010	Khairnar C. K.	40	M			----	Office		07/02/2021	Fit	----	----	----	
43	10212027	Khodke Anil Tryanbak	50	M			----	R.&.D		08/02/2021	Fit	----	----	----	
44	BJ0201	Kolhe Prajwal Liladhar	27	M			----	Prod.		08/02/2021	Fit	----	----	----	
45	10206045	Koli Laxman Vana	53	M			----	Prod.		07/02/2021	Fit	----	----	----	
46	10210033	Koli Vitthal Dagadu	68	M			----	Stores		08/02/2021	Fit	----	----	----	
47	10119072	Kumar Santosh	43	M			----	Q.A		08/02/2021	Fit	----	----	----	
48	10106088	Kuralkar Gaurav Subhash	29	M			----	Prod.		07/02/2021	Fit	----	----	----	
49	10103131	Lenekar Sanjay N.	55	M			----	Account		08/02/2021	Fit	----	----	----	
50	10111330	Mahajan Amol Mitharam	32	M			----	Stores		07/02/2021	Fit	----	----	----	
51	10108114	Mahajan Arun Devidas	57	M			----	Office		08/02/2021	Fit	----	----	----	
52	10118231	Mishra Ratan	39	M			----	Q.C.		07/02/2021	Fit	----	----	----	
53	10216057	More Sanjay Bhimrao	45	M			----	Boiler		08/02/2021	Fit	----	----	----	
54	10206129	Mule Laxman Nagoji	56	M			----	Prod.		07/02/2021	Fit	----	----	----	
55	90121018	Naik Abhay Prabhakar	54	M			----	R&D		07/02/2021	Fit	----	----	----	
56	10206125	Nake Sanjay Narayan	58	M			----	Plan		07/02/2021	Fit	----	----	----	

57	10612015	Nehete Suresh	39	M			—	R.&.D		08/02/2021	Fit	—	—	—	
58	10110006	Nemade Nilesh P.	39	M			—	Rmwh		08/02/2021	Fit	—	—	—	
59	10216058	Nerpagar Sambhaji Laxman	57	M			—	M.L		07/02/2021	Fit	—	—	—	
60	10106022	Pachpande S.R	48	M			—	Prod.		08/02/2021	Fit	—	—	—	
61	10116170	Paliv Kailas Raju	30	M			—	Maint		07/02/2021	Fit	—	—	—	
62	10120196	Palkhe Harshal Nandkishor	39	M			—	Office		07/02/2021	Fit	—	—	—	
63	10206137	Palve R.S.	54	M			—	Prod.		08/02/2021	Fit	—	—	—	
64	90112226	Pandey Sunilkumar	29	M			—	R&D		07/02/2021	Fit	—	—	—	
65	10118098	Patil Arvind Pralhad	38	M			—	Q.C.		07/02/2021	Fit	—	—	—	
66	10616060	Patil Ashok Totaram	59	M			—	Maint		07/02/2021	Fit	—	—	—	
67	10212028	Patil Bansilal Bhoma	55	M			—	R&D		07/02/2021	Fit	—	—	—	
68	10106087	Patil Bhushan Raju	23	M			—	Prod.		07/02/2021	Fit	—	—	—	
69	10118234	Patil Girish	34	M			—	Q.C.		07/02/2021	Fit	—	—	—	
70	10206064	Patil Jagdish	41	M			—	Packing		07/02/2021	Fit	—	—	—	
71	10106036	Patil N.D.	56	M			—	Prod.		08/02/2021	Fit	—	—	—	
72	10118029	Patil Nitin Vasant	44	M			—	Q.C.		07/02/2021	Fit	—	—	—	
73	10118197	Patil Pradeep Dhanraj	32	M			—	Q.C.		08/02/2021	Fit	—	—	—	
74	10206130	Patil Ramrao Devram	51	M			—	Prod.		08/02/2021	Fit	—	—	—	
75	10116185	Patil Samadhan B.	39	M			—	Electrical		08/02/2021	Fit	—	—	—	
76	10206043	Patil Sanjay Madhukar	53	M			—	P.L		07/02/2021	Fit	—	—	—	
77	10206040	Patil Shirishkumar P.	57	M			—	Prod.		07/02/2021	Fit	—	—	—	
78	10108113	Patil Sunil Pandurang	50	M			—	Admin		08/02/2021	Fit	—	—	—	
79	10110126	Patil Sunil Pundalik	49	M			—	Office		08/02/2021	Fit	—	—	—	
80	10106117	Patil Vijay P.	55	M			—	Prod.		07/02/2021	Fit	—	—	—	
81	10216138	Patil Vikas Dyaneshwar	50	M			—	Maint		07/02/2021	Fit	—	—	—	
82	90121032	Patil Yogesh Hari	42	M			—	R&D		07/02/2021	Fit	—	—	—	
83	10103012	Patil Yogiraj D.	53	M			—	Office		07/02/2021	Fit	—	—	—	
84	10106016	Rane Pravin Manohar	54	M			—	Prod.		07/02/2021	Fit	—	—	—	
85	10106113	Rane Sunil Ramdas	54	M			—	Plan		07/02/2021	Fit	—	—	—	
86	90121097	Rao Shashank Moreshwar	32	M			—	R&D		07/02/2021	Fit	—	—	—	
87	90121156	Rathod Vijay Gajanan	24	M			—	R.&.D		07/02/2021	Fit	—	—	—	

कारखाने अधिनियम १९४८ च्या कलम ९०(२)
प्रमाणे, जळगाव जिल्ह्याकरिता
दिनांक 09/03/२०२१ पासून २८/03/२०२१
पर्यंत प्राधिकृत प्रमाणकारी वैद्यकीय अधिकारी

Dr.Gaurav Prakash Mahajan
M.B.B.S.,M.D.,F.C.N.,A.F.I.H.
Reg.No.2012/10/3148
Authorised Certifing Surgeon

क्र.ACS 13 - GM/2019

88	10103112	Raul Maheshsing P.	52	M			—	A/C		07/02/2021	Fit	—		—	—	
89	10118133	Sabir Shaikh	29	M			—	Q.C.		07/02/2021	Fit	—		—	—	
90	10206048	Sanap Ashok Rama	58	M			—	Powder		07/02/2021	Fit	—		—	—	
91	BN0128	Sapkale Kantilal	45	M			—			08/02/2021	Fit	—		—	—	
92	10119077	Shejwal Yogesh Eknath	31	M			—	Q.A.Officer		07/02/2021	Fit	—		—	—	
93	10118026	Shrivasatav Mahendra Hiraman	47	M			—	Q.C.		08/02/2021	Fit	—		—	—	
94	90112227	Singh Gaurav	28	M			—	R&D		07/02/2021	Fit	—		—	—	
95	10106211	Sonar Nilesh Ashok	35	M			—	Plan		08/02/2021	Fit	—		—	—	
96	90221065	Sonawane Ajay Pundlik	30	M			—	R.N.O		07/02/2021	Fit	—		—	—	
97	10123067	Sonawane Dnyaneshwar	36	M			—	B.House		07/02/2021	Fit	—		—	—	
98	90112224	Sonawane Pritam Ashok	27	M			—	R.&.D		07/02/2021	Fit	—		—	—	
99	10106123	Sonawane Raju Dinesh	34	M			—	Maint.		07/02/2021	Fit	—		—	—	
100	10106123	Sonawane Ravindra Devram	49	M			—	Powder		07/02/2021	Fit	—		—	—	
101	10106092	Suryawanshi Sagar Lakshaman	27	M			—	Prod.		07/02/2021	Fit	—		—	—	
102	10110233	Thakur Namdeo Baburao	36	M			—	Stores		07/02/2021	Fit	—		—	—	
103		Unde Dnyaneshwar	52	M			—	Q.C.		07/02/2021	Fit	—		—	—	
104	90121223	Upadhyay Rajesh Kumar	45	M			—	R.&.D		07/02/2021	Fit	—		—	—	
105	10118031	Vanjari Vikas Madhukar	47	M			—	Q.C.		07/02/2021	Fit	—		—	—	
106	10118219	Varade Nikhil Vinayak	33	M			—	Qa		07/02/2021	Fit	—		—	—	
107	10106203	Wani Amrut	39	M			—	E.T.P		08/02/2021	Fit	—		—	—	
108	10206021	Zope Gopal R.	57	M			—	Prod.		08/02/2021	Fit	—		—	—	

कारखाने अधिनियम १९४८ च्या कलम १०(२) प्रमाणे, जळगाव जिल्ह्याकरिता
दिनांक 01/03/20[illegible] ते दि. 28/03/2021
पात्र प्राधिकृत प्रमाणकारी वैद्यकीय अधिकारी
FACS 13 - GM/2019

Dr.Gaurav Prakash Mahajan
M.B.B.S.,M.D.,F.C.N.,A.F.I.H.
Reg.No.2012/10/3148
Authorised Certifing Surgeon

Annexure – 7

Form -4 along with CHWTSDF membership

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

Form 4

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

FORM FOR FILING ANNUAL RETURNS

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

Unique Application Number:
MPCB-HW_ANNUAL_RETURN-0000030708

Submitted On:
30-06-2022

Submitted for Year:
April 2021 to March 2022

1. Name of the generator/operator of facility
BENZO CHEM INDUSTRIES PVT LTD

Address of the unit/facility
E-13 14 15 MIDC AREA JALGAON

1b. Authorization Number	*Date of issue*	*Date of validity of consent*
Format1.0/BO/AST/UAN NO 0000015382/O/CC-AMENDENT/2333	Jun 9, 2017	Feb 28, 2022

2. Name of the authorised person
MR VIJAY KARANJKAR

Full address of authorised person
Snyog Bamglow Plot No 108 Surva No 330 Wadala Pathirdi Raod Nasik

Telephone	*Fax*	*Email*
02572210241	0	ehsjal@benzochem.co.in

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

*Product Type **	*Product Name **	*Consented Quantity*	*Actual Quantity*	*UOM*
Chemical ,Petrochemical &Electrochemical	Para chloro meta cresol (PCMC)	120.0000	21.484	MT/A
Chemical ,Petrochemical &Electrochemical	Sodium salt of para chloro meta cresol	2.2000	0	MT/A
Chemical ,Petrochemical &Electrochemical	4-Chloro thymol	2.2000	2.18	MT/A
Chemical ,Petrochemical &Electrochemical	1 – Chloro naphthalene	8.0000	0.375	MT/A
Chemical ,Petrochemical &Electrochemical	2:4 Di chloro benzyl alcohol	17.2000	11.218	MT/A
Chemical ,Petrochemical &Electrochemical	1-Chloro methylnaphthalene	152.4000	81.759	MT/A
Chemical ,Petrochemical &Electrochemical	Para chloro meta xylenol	1.2000	0	MT/A
Chemical ,Petrochemical &Electrochemical	Para chloro meta cresol/liquid/protector-1	1.2000	0	MT/A
Chemical ,Petrochemical &Electrochemical	Ortho chloro phenyl acetic acid	1.2000	0	MT/A
Chemical ,Petrochemical &Electrochemical	Dichloro meta xylenol (DCMX)	6.0000	0	MT/A

Chemical ,Petrochemical &Electrochemical	1- Napthaldehyde	4.0000	3.184	MT/A
Chemical ,Petrochemical &Electrochemical	2-Amino-2-phenyl butyric acid	20.0000	19.56	MT/A
Chemical ,Petrochemical &Electrochemical	5-Chloro-2-hydroxy benzophenone	4.0000	0	MT/A
Chemical ,Petrochemical &Electrochemical	2-Dimethylamino-2-phenyl-1-butanol	6.0000	5.90	MT/A
Chemical ,Petrochemical &Electrochemical	4-Mehyoxy phenyl acetone	100.0000	98.85	MT/A
Chemical ,Petrochemical &Electrochemical	Alpha bromo -2-chloro phenyl acetic acid methyl ester	150.0000	19.30	MT/A
Chemical ,Petrochemical &Electrochemical	2,4-Di chloro meta xylenol	10.0000	0	MT/A
Chemical ,Petrochemical &Electrochemical	Meta hydroxy phenyl acetic acid	1.0000	0.550	MT/A
Chemical ,Petrochemical &Electrochemical	2-Phenyl butyric acid	3.0000	2.8	MT/A
Chemical ,Petrochemical &Electrochemical	N-methyln-1-napthalenemethyl amine hydrochloride (N MAN:HCL)	10.0000	0	MT/A
Chemical ,Petrochemical &Electrochemical	Ortho phthaladehyde (OPA)	2.0000	1.9	MT/A
Chemical ,Petrochemical &Electrochemical	2-Chloro-4,6-dimethoxy-1,3,5-triazine	5.0000	5	MT/A
Chemical ,Petrochemical &Electrochemical	1-Acetylnapthalene	10.0000	0.0	MT/A
Chemical ,Petrochemical &Electrochemical	Para hydroxyl phenyl acetic acid	2.0000	0	MT/A
Chemical ,Petrochemical &Electrochemical	4-mehyl benzyl chloride	5.0000	0.857	MT/A
Chemical ,Petrochemical &Electrochemical	HCL BY PRODUCT	117.0000	55.00	MT/A
Chemical ,Petrochemical &Electrochemical	Chlorinated cresol/ Cresylic acid By product	12.0400	2.10	MT/A
Chemical ,Petrochemical &Electrochemical	Sodium Bisulfite By product	30.0000	0.00	MT/A

PART A: To be filled by hazardous waste generators

1. Total Quantity of waste generated category wise

Type of hazardous waste	*Wate Name*	*Consented Quantity*	*Quantity*	*UOM*
35.3 Chemical sludge from waste water treatment	ETP SLUDGE	24.000	23.825	MTA
28.1 Process Residue and wastes	Tarry Waste/ Distillation Residue	18.000	8.587	MTA

2. Quantity dispatched category wise.

Type of Waste	*Quantity of waste*	*UOM*	*Dispatched to*	*Facility Name*
35.3 Chemical sludge from waste water treatment	23.825	MTA	Disposal Facility	MAHARASHTRA ENVIRO POWER PVT LTD PLOT NO P-56 MIDC RANJANGAON TAL SHIRUR DIST PUNE
28.1 Process Residue and wastes	8.587	MTA	Disposal Facility	MAHARASHTRA ENVIRO POWER PVT LTD PLOT NO P-56 MIDC RANJANGAON TAL SHIRUR DIST PUNE

3. Quantity Utilised in-house,If any

Type of Waste	Name of Waste	Quantity of Waste	UOM
	NA	0	KL/Anum

4. Quantity in storage at the end of the year

Type of Waste	Name of Waste	Quantity of Waste	UOM
	NA	0	KL/Anum

PART B: To be filled bt Treatment,storage, and disposal facility operators

1.Total Quantity received	UOM	State Name
NA	KL/Anum	Other

2. Quantity in stock at the beginning of the year	UOM
NA	KL/Anum

3. Quantity treated	UOM
NA	KL/Anum

4. Quantity disposed in landfills as such and after treatment

Direct landfilling	UOM
NA	KL/Anum

Landfill after treatment	UOM
NA	KL/Anum

5. Quantity incinerated (if applicable)	UOM
NA	KL/Anum

6. Quantiry processed other than specified above	UOM
NA	KL/Anum

7. Quantity in storage at the end of the year.	UOM
NA	KL/Anum

PART C: To be filled by recyclers or co-processors or other users

1. Quantity of waste received during the year

Waste Name/Category	Country Name	State Name	Quantity of waste received from domestic sources	Quantity of waste imported(If any)	Units
NA	India	Maharashtra	NA	NA	KL/Anum

2. Quantity in stock at the beginning of the year

Waste Name/Category	Quantity	UOM
NA	NA	KL/Anum

3. Quantity of waste recycled or co-procesed or used

Name of Waste	Type of Waste	Quantity	UOM
NA	NA	NA	KL/Anum

4. Quantity of products dispatched (wherever applicable)

Name of product	Quantity	UOM
NA	NA	KL/Anum

5. Total quantity of waste generated

Waste name/category	quantity	UOM
NA	NA	KL/Anum

6. Total quantity of waste disposed

Waste name/category	quantity	UOM
NA	NA	KL/Anum

7. Total quantity of waste re-exported (If Applicable)

Waste name/category	quantity	UOM

NA	NA	KL/Anum

8. Quantity in storage at the end of the year

Waste name/category	***quantity***	***UOM***
NA	NA	KL/Anum

Personal Details

Place	***Date***	***Designation***
JALGAON	2022-06-30	Jr. Manage EHS

Annexure – 7

10- Oct-2012

M/s. Benzo-Chem Industries Pvt. Ltd.
Plot No. E – 13/14/15,MIDC Jalgaon,
Jalgaon – 425 003.

Kind Attn: - Mr. Paresh Jhavar – Manager Account.

Sub: Membership of CHW – TSDF at Ranjangaon, Pune

Dear Sir,

We thank you for enrolment & welcome you as **MEMBER** of Maharashtra Enviro Power Ltd., Ranjangaon, Pune. For utilizing our Common Hazardous Waste Treatment Storage Disposal facility, to dispose your Hazardous Waste safely & securely.

We will be issuing the Membership Certificate to you in due course of time.

Your Membership Code is **CAB099.**

We acknowledge the receipt of your payment towards Membership Deposit. Our receipt no. 11082 enclosed for your reference.

We assure you of our excellent services and seek your co-operation for good business relationship with you.

We once again thank you for your enrolment and in joining forces with us towards maintaining & sustaining our Environment.

Please do contact us for any further information.

Thanking you

Yours truly,
for **MAHARASHTRA ENVIRO POWER LTD.**

Siddharth Pinde
Manager - Marketing

MAHARASHTRA ENVIRO POWER LIMITED AURANGABAD

Office (Pune) 301, Pentagon P-3 Magarpatta Township, Hadapsar, Pune-411028, Maharashtra, India. Ph.: +91-20-66801100, Fax: +91-20-66801100 E-mail : pune.smsel@gmail.com Web : www.smsl.co.in

Marketing Office (A'bad) Bharat Bazar, Commercial Complex, I-Wing, 2nd Floor, Near API Corner, Beside Prozone mall, Chikalthana, Aurangabad - 431006. Web :www.smsl.co.in Http:\\ smsinepl.com. Email : mepl.abd@gmail.com Ph: +91-240-2473047, Fax: +91-240-2470145.

CHWTSDF Plot No. P-56, Ranjangaon, Tal. Shirur, Dist. Pune. Pin.: 412220, Ph.: +91-2138-670362, Telefax: +91-2138-670350

Regd. Office : 20, IT Park, Parsodi, Nagpur - 440022. Ph.: +01-712-6665000, Telefax : +91-712-6665100

ISO 9001:2008 EMS 14001:2004 OHSAS 18001:2007 043-A&C

MAHARASHTRA ENVIRO POWER LTD
(Common Hazardous Waste Treatment, Storage and Disposal Facility)

Annexure – 8

Photographs of the fire safety measures

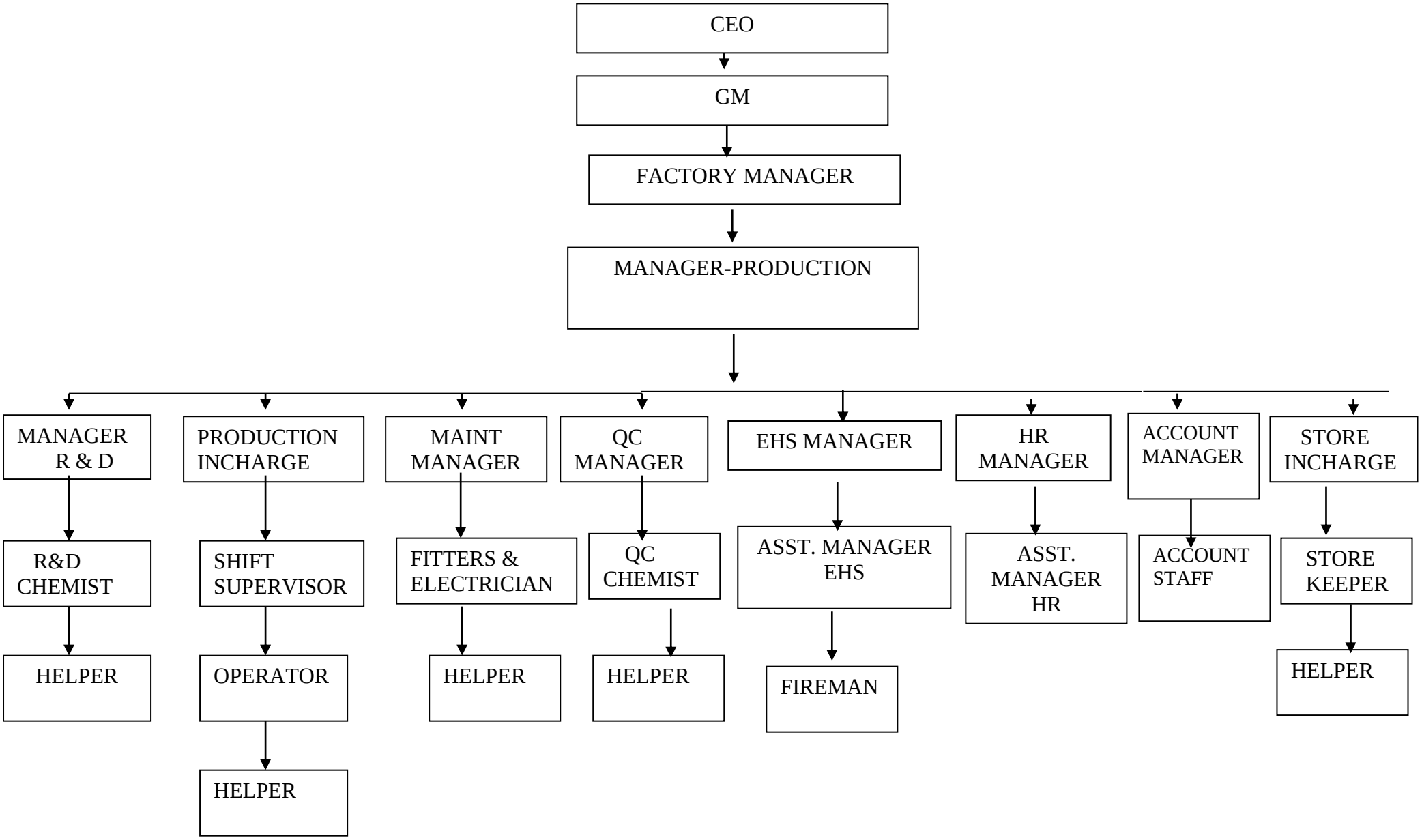

FIRE ALARM
CONTROL PANEL


FIRE
PRESS HERE

Annexure –9

Organogram of the Environmental Management Cell

ENVIRONMENTAL ORGANOGRAM



Annexure – 10

Photographs of the storage space for the bottom ash and fly ash

Annexure – 11

Screenshot of the EC letter and other documents on the company's website


M/s- Benzochem Industries Pvt.Ltd
Consent to Operate
11/05/2016
09/06/2017
Under Water Act
Under Air Act
1974
1974
Water Act
Air Act
30/04/2021
20/02/2022
20/02/2022
09/06/2017 Valid Up to 20/02/2022
6. Type of Hazardous waste
ETP Sludge - 2 MT/M
Distillation Residue
1.5MT/M
Spent Carbon - 1.6MT/M
Residue & Waste0.05 MT
Storage As On Date
Mode of Disposal
MEPL Plot No35
Tal-Shirur
Dist-Pune.
Maharashtra
7. Name of Hazardous Chemical stored & it's storage capacity
Toluene 15 KL
8. Water pollution
Trade effluent generation
Treatment system installed
ETP, TEE, MEE
Details of discharge gardening own use/ Cooling Tower Makeup Recycle in Process
Analysis Report
Prescribe Standards
9 Treated effluent Quantity
Parameter
As Per Consent
Within Limit
As Per Consent
DG Set
HCL Scrubber
10. Detail of Stack
Boiler Stack
30 MTR
3 MTR
7MTR

Annexure –12

Photograph of the environmental monitoring results displayed on the notice board

Benzo Chem Industries Pvt. Ltd.
CIN NO. U24100MH1986PTC041751
D&B D-U-N-S® NUMBER: 91-848-8222
Gitanjali Chemicals Pvt. Ltd.
CIN NO. U24110MH1980PTC022341
D&B D-U-N-S® NUMBER: 91-854-6995

News & Events

About us

Benzo Chem Industries Pvt. Limited and Gitanjali Chemicals Pvt. Limited are wholly owned companies of Mohatta Group.

It all began three decades ago in 1982; Gitanjali Chemicals Pvt. Limited was first incepted with the production of phthalate plasticizers. Soon, the company has developed substantial competencies in the areas of biocides, pharmaceuticals and performance chemicals. Today, the company's range of products includes Chlorophenol derivatives, Diclofenac Sodium & Miconazole Nitrate & their intermediates.

Read More..

Company Profile
Management
General Conditions of Sales Contract
CSR Policy

Solutions for Industries

- Pharmaceuticals
- Biocides
- Agrochemicals
- Perfumery Chemicals

Quality Assurance

All our production units are certified with international standards like ISO 9001-2015, ISO 14001-2015 and ISO 45001-2018.

Read our Quality Policy

Annexure – 13

Latest submitted Environmental Statement

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	***Submitted Date***
MPCB-ENVIRONMENT_STATEMENT-0000050232	30-09-2022

PART A

Company Information

Company Name	***Application UAN number***	
BENZO CHEM INDUSTRIES PVT. LTD	0000015382	
Address		
E- 13 14 15 MIDC AREA JALGAON		
Plot no	***Taluka***	***Village***
E 13 14 15	JALGAON	JALGAON
Capital Investment (In lakhs)	***Scale***	***City***
572.44	MEDIUM	JALGAON
Pincode	***Person Name***	***Designation***
425003	Mr. Vijay Karanjkar	Factory Manager
Telephone Number	***Fax Number***	***Email***
82370009346	0	paresh@benzochem.co.in
Region	***Industry Category***	***Industry Type***
SRO-Jalgaon	Red	R22 Organic Chemicals manufacturing
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
yes	Format1.0/BO/AST/UAN NO. 0000132196/CR/2205001727	2022-05-27
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2024-02-28	1986	Jun 27 2021 12:00:00:000AM
Industry Category Primary (STC Code) & Secondary (STC Code)		

Product Information

Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
Para chloro meta cresol (PCMC)	120	21.484	MT/A
Sodium salt of para chloro meta cresol	2.2	0	MT/A
4-Chloro thymol	2.2	2.18	MT/A
1 – Chloro naphthalene	8	0.375	MT/A
2:4 Di chloro benzyl alcohol	17.2	11.218	MT/A
1-Chloro methylnaphthalene	152.4	81.759	MT/A
Para chloro meta xylenol	1.2	0	MT/A

Para chloro meta cresol/liquid/protector-1	1.2	0	MT/A
Ortho chloro phenyl acetic acid	1.2	0	MT/A
Dichloro meta xylenol (DCMX)	6	0	MT/A
1- Napthaldehyde	4.0	3	MT/A
2-Amino-2-phenyl butyric acid	20	19.56	MT/A
5-Chloro-2-hydroxy benzophenone	4.0	0	MT/A
2-Dimethylamino-2-phenyl-1-butanol	6.0	5.9	MT/A
4-Mehyoxy phenyl acetone	100	98	MT/A
Alpha bromo -2-chloro phenyl acetic acid methyl ester	150	19.3	MT/A
2,4-Di chloro meta xylenol	10	0.00	MT/A
Meta hydroxy phenyl acetic acid	01	0.55	MT/A
2-Phenyl butyric acid	3.0	2	MT/A
N-methyln-1-napthalenemethyl amine hydrochloride (N MAN:HCL)	10	0	MT/A
Ortho phthaladehyde (OPA)	2.0	1	MT/A
2-Chloro-4,6-dimethoxy-1,3,5-triazine	5.0	5	MT/A
1-Acetylnapthalene	10.0	0	MT/A
Para hydroxyl phenyl acetic acid	2.0	0	MT/A
4-mehyl benzyl chloride	5.0	0.857	MT/A

By-product Information

By Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
HYDRO CHLORIC ACID	117	55	MT/A
CHLORINETE CRESOL / CRECYLIC ACID	117	2.1	MT/A
SODIUM BISULFITE	30	0	MT/A

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for	***Consent Quantity in m3/day***	***Actual Quantity in m3/day***
Process	22.00	14.00
Cooling	80.00	48.00
Domestic	9.00	6.80
All others	0.00	0.00
Total	111.00	68.80

2) Effluent Generation in CMD / MLD

Particulars	***Consent Quantity***	***Actual Quantity***	***UOM***
Trade Effluent	21.7	12.50	CMD
Domsatic Effulent	6	5.44	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 CHORO META CRESOL (PCMC)	10.2	0.0042	CMD

4-Chloro thymol	800	0.00042	CMD
1 – Chloro naphthalene	412	0.000072	CMD
2:4 Di chloro benzyl alcohol	12	0.0021	CMD
1-Chloro methylnaphthalene	12.2	0.01599	CMD
Para chloro meta xylenol	2	0	CMD
1- Napthaldehyde	586	0.00058	CMD
2-Amino-2-phenyl butyric acid	89.2	0.0038	CMD
5-Chloro-2-hydroxy benzophenone	488	0	KL/A
2-Dimethylamino-2-phenyl-1-butanol	345	0.00115	CMD
4-Mehyoxy phenyl acetone	18.6	18.6	CMD
Alpha bromo -2-chloro phenyl acetic acid methyl ester	12	0.0191	CMD
2,4-Di chloro meta xylenol	178.3	0	KL/A
2-Phenyl butyric acid	689	0.00382	CMD
Ortho phthaladehyde (OPA)	946	0.00195	CMD
2-Chloro-4,6-dimethoxy-1,3,5-triazine	453	0.00097	CMD
1-Acetylnapthalene	103	0	KL/A
Sodium salt of para chloro meta cresol	0	0.97	KL/A
Para chloro meta cresol/liquid/protector-1	0	0	KL/A
Ortho chloro phenyl acetic acid	0	0	KL/A
Dichloro meta xylenol (DCMX)	0	0	KL/A
Meta hydroxy phenyl acetic acid	0	0	KL/A
N-methyln-1-napthalenemethyl amine hydrochloride (N MAN:HCL)	0	0	KL/A
Para hydroxyl phenyl acetic acid	0	0	KL/A
4-mehyl benzyl chloride	0	0	KL/A

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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***
Meta cresol	1.2	1	MT/A
sulphuryl chloride	1	1	MT/A
chlorine	0.03	0.04	MT/A
soda ash	0.027	0.034	MT/A
sulphuric acid	0.789	0.896	MT/A
sodium hydroxide	0.654	0.542	MT/A
anhydrous aluminium chloride	00	0.36	MT/A
sodium cyanide	0.010	0.452	MT/A
meta chloro benzyl cyanide	00	0.235	MT/A
para xylenen	0.005	0.0127	MT/A
poly ethyl glycol	0.003	0.0863	MT/A
napthalene	0.3	0.1	MT/A
ethylene dichloride	0.165	0.263	MT/A

potassuim carbonate	0.008	0.007	MT/A
thymol	0.89	0.78	MT/A
sodium methoxide	0.463	0.236	MT/A
para formaldehyde	0.976	0.786	MT/A
sodium bisulphite	0.030	0.236	MT/A
thynoil chloride	0.200	0.200	MT/A
hydrochloric acid	1	2.3	MT/A
catalyst x aibin	0.690	0.486	MT/A
toluene	0.01	0.08	MT/A
zinc chloride	0.788	0.632	MT/A
acetic acid	0.126	0.653	MT/A
methyl 2 chloro propionate	1	1.36	MT/A
para anisialdehyde	0.84	0.79	MT/A
tetra ethyl ammonium bromide	0.01	0.05	MT/A
ethyl acetate	0.023	0.063	MT/A
2,4 dichloro benzyl chloride	1	1.369	MT/A
hexamine	2	0.963	MT/A
methanol	3.456	4.563	MT/A
paratoluene suphonic acid	0.0425	0.0236	MT/A
cyclhexane	0.001	0.002	MT/A
ammonium bicarbonate	0.002	0.0063	MT/A
ethyle bromide	2.56	3.10	MT/A
tri ethyl benzyl ammonium chloride	0.001	0.076	MT/A
mono methyl amine 40%	0.325	0.456	MT/A
tri ethyl amine	0.089	0.0364	MT/A
para chloro phenol	0.50	0.63	MT/A
ortho dichloro bnezene	0.49	0.79	MT/A

4) Fuel Consumption

Fuel Name	***Consent quantity***	***Actual Quantity***	***UOM***
COAL	3120.00	2641.808	MT/A
DIESEL	124800	13827	Ltr/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***		
	Quantity	***Concentration***	***%variation***	***Standard***	***Reason***
ph	0	0	0	ZLD	ZLD
Total Suspended Solids	0	00	0	ZLD	ZLD
Chloride	0	0	0	ZLD	ZLD

Biological Oxygen Demand	0	0	0	ZLD	ZLD
Chemical Oxygen Demand	0	0	0	ZLD	ZLD
Oil and Grease	0	0	0	ZLD	ZLD

[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***		
	Quantity	***Concentration***	***%variation***	***Standard***	***Reason***
Particulate Matter	9.261	92.61	0	150	--
Sulphur Dioxide-SO2	1.36	136.88	0	240	--

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	***Total During Previous Financial year***	***Total During Current Financial year***	***UOM***
28.1 Process Residue and wastes	14.75	8.587	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	3.27	23.825	MT/A

Part-E

SOLID WASTES

1) From Process

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

2) From Pollution Control Facilities

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

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***
35.3 Chemical sludge from waste water treatment	23.825	MT/A	--
28.1 Process Residue and wastes	8.587	MT/A	--

2) Solid Waste

Type of Solid Waste Generated	***Qty of Solid Waste***	***UOM***	***Concentration of Solid Waste***

NA	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)*
The system of ISO 14001 is implemented to reduce water consumption.	0	0	0	0	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)*
Installation of Scrubber	To reduce air pollution	4.95

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	*Environmental Protection Measures*	*Capital Investment (Lacks)*
--	--	2.00

Part-I

Any other particulars for improving the quality of the environment.

Particulars

To monitor compaliances of various specific provision safeguard of statutory laws rules and stipulation of Environmental committees. Company has circulated code of conduct to every section. It heighlights the good houskeeping safety operations maintenance of equipments and macninery and precaution to be taken to prevent the accident. Companyis conduction regular training exercise to plant personal to handle safety devices

Name & Designation

Mr. Prashant Bhamare

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000050232

Submitted On:

30-09-2022

Annexure – 14

Advertisement regarding accord of EC in the newspaper

TO WHOMSOEVER IT MAY CONCERN

This is to declare that M/s. Benzo Chem Industries Pvt. Ltd. at Plot No. E- 13, E- 14 & E- 15, MIDC, Jalgaon has been accorded Environmental Clearance from State Level Environmental Impact Assessment Authority for Expansion of API & Intermediate production. The copy of Environmental clearance letter is available on environment dept. Govt. of Maharashtra website : https://ec.maharashtra.gov.in.

M/s. Benzo Chem Industries Pvt. Ltd.

Plot No. E- 13, E- 14 & E- 15 , MIDC, Jalgaon

NEWS PAPER - SAKAL (JALGAON EDITION) - DTD. 12/01/2016.

Annexure – 15

Latest valid 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/L.S.I (R22)
No:- Format1.0/AS(T)/UAN
No.0000132196/CR/2205001727

Date: 27/05/2022

To,
M/s.BENZO CHEM INDUSTRIES PVT. LTD
E 13 14 15,MIDC JALGAON
JALGAON.

Your Service is Our Duty

Sub: Grant of Renewal of Consent under RED/LSI Category.

Ref:
1. Earlier first Consent to operate (Expansion)with renewal of consent 9Amalgamation) accorded by the Board vide no.Format1.0/BO/AST/UAN No.0000015382/O/CC-Amendment/2333 dated 09.06.2017 valid up to 28.02.2022.
2. Environmental clearance granted vide no.SEAC-2013/CR-265/TC-2 dtd. 12/05/2017.

Your application No.MPCB-CONSENT-0000132196 Dated 15.02.2022

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The consent to renewal is granted for a period up to 28/02/2024**
2. **The capital investment of the project is Rs.31.2154 Crs. (As per C.A Certificate submitted by industry Existing CI is-Rs.8.87 Crs + Expansion/Increase in C.I. – Rs22.24. Crs)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
Products					
1	Para chloro meta cresol (PCMC)	120	0	120	MT/A
2	Sodium salt of para chloro meta cresol	2.2	0	2.2	MT/A
3	4-Chloro thymol	2.2	0	2.2	MT/A
4	1 – Chloro naphthalene	8	0	8	MT/A
5	2:4 Di chloro benzyl alcohol	17.2	0	17.2	MT/A
6	1-Chloro methylnaphthalene	152.4	0	152.4	MT/A
7	Para chloro meta xylenol	1.2	0	1.2	MT/A
8	Para chloro meta cresol/liquid/protector-1	1.2	0	1.2	MT/A

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
9	Ortho chloro phenyl acetic acid	1.2	0	1.2	MT/A
10	Dichloro meta xylenol (DCMX)	6	0	6	MT/A
11	1- Napthaldehyde	4	0	4	MT/A
12	2-Amino-2-phenyl butyric acid	20	0	20	MT/A
13	5-Chloro-2-hydroxy benzophenone	4	0	4	MT/A
14	2-Dimethylamino-2-phenyl-1-butanol	6	0	6	MT/A
15	4-Mehyoxy phenyl acetone	100	0	100	MT/A
16	Alpha bromo -2-chloro phenyl acetic acid methyl ester	150	0	150	MT/A
17	2,4-Di chloro meta xylenol	10	0	10	MT/A
18	Meta hydroxy phenyl acetic acid	1	0	1	MT/A
19	2-Phenyl butyric acid	3	0	3	MT/A
20	N-methyln-1-napthalenemethyl amine hydrochloride (N MAN:HCL)	10	0	10	MT/A
21	Ortho phthaladehyde (OPA)	2	0	2	MT/A
22	2-Chloro-4,6-dimethoxy-1,3,5-triazine	5	0	5	MT/A
23	1-Acetylnapthalene	10	0	10	MT/A
24	Para hydroxyl phenyl acetic acid	2	0	2	MT/A
25	4-mehyl benzyl chloride	5	0	5	MT/A

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	21.7	As per Schedule-I	Recycle 100% to achieve ZLD
2.	Domestic effluent	6	As per Schedule-I	

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 & Thermic fluid heater (Common Stack for Boiler & Thermic fluid heater)	1	As per Schedule -II
2	S-2	DG Set	1	As per Schedule -II
3	S-3	DG Set	1	As per Schedule -II
4	S-4	Scrubber	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	PAPER BAGS	100	Kg/M	SCRAPED	SCRAPED

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
2	BOILER ASH	1.8	MT/Day	SALE	BY SALE TO BRICK MANUFACTURER
3	DISCARDED DRUMS	50	No/M	WASHING	SCRAPED/ SALE
4	EMPTY DRUMS	100	No/M	WASHING	REUSED

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	28.1 Process Residue and wastes	1.65	MT/M	Landfill after treatment	CHWTSDF
2	15.1 Hydrochloric Acid	117	MT/A	Sale to authorized Party/CHWTSDF	Sale to authorised party / CHWTSDF
3	15.1 Chlorinated cressol/ Cresylic acid	12.04	MT/A	Sale to authorized Party/CHWTSDF	Sale to authorised party / CHWTSDF
4	15.1 Sodium Bisulfite	30	MT/A	Sale to authorized Party/CHWTSDF	Sale to authorised party / CHWTSDF

8. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
10. The applicant shall not carry out any excess production or produce new products without Consent of the Board and without Environmental Clearance wherever it applicable.
11. 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.
12. The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. SEAC-2013/CR-265/TC-2 dtd. 12/05/2017.
13. This consent is issued as per the delegation of power issued to HOD vide office order no.12/2020 dated 23.12.2020.
14. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent.

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	375000.00	TXN2202002218	16/02/2022	Online Payment
2	50000.00	TXN2203000153	02/03/2022	Online Payment

Balance fees of Rs.2,25,000/- pending with MPCB will be adjusted at the time of next renewal.

Copy to:

1. Regional Officer, MPCB, Nashik and Sub-Regional Officer, MPCB, Jalgaon
- 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 30.00 CMD consisting of Primary (Collection tank, Neutralization tank, Equalization tank, Primary Clarifier/Primary Settling Tank), Secondary (Activated sludge process), Tertiary (Pressure sand filter, Activated carbon filter), Advanced treatment (Stripper, Multi effective evaporator, ATFD), Sludge treatment (Sludge drying bed) for the treatment of 21.7 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.

   D] The treated effluent shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, effluent shall find its way for gardening / outside factory premises.

2. A] As per your application, you have provided Septic Tank followed by Soak pit for the treatment of 6 CMD of sewage.

   B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

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

   C] The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, sewage shall find its way for gardening / outside factory premises.

3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.

4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.

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

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	80.00
2.	Domestic purpose	9.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	22.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	0

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

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

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

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	BOILER (Common Stack for Boiler & Thermic fluid heater)	Multi Cyclone	30.00	COAL/BRIQUTTES 244 Kg/Hr	0.5	TPM	150 Mg/Nm^3
						SO2	58.56 Kg/Day
S-2	DG Set	Acoustic Enclosure	3.00	Diesel 50 Ltr/Hr	1	TPM	150 Mg/Nm^3
						SO2	24 Kg/Day
S-3	DG Set	Acoustic Enclosure	3.00	Diesel 50 Ltr/Hr	1	TPM	150 Mg/Nm^3
						SO2	24 Kg/Day
S-4	Scrubber	Wet scrubbing system	7.00	- 0 --NA--	-	Other	-
						Other	-

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.

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

SCHEDULE-III

Details of Bank Guarantees:

Sr. No.	Consent (C2E/ C2O /C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to R	5,00,000/-	Existing to be extended	Towards O&M of PCS and compliance of consent conditions.	continuous	31.08.2027
2	C to R	2,00,000/-	15 Days	Towards submission of Board resolution stating violated provisions of Environmental laws will not do in future	15.06.2022	15.12.2022

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

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 sitting and control measures.
   d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
   e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
   f) D.G. Set shall be operated only in case of power failure.

g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.

h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.

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

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

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

This certificate is digitally & electronically signed.
