

EDS REPLY

Sr. No.	EDS	Reply
1	EIA/EMP report uploaded is not legible.	We have now updated EIA/EMP properly
2	In S. No. 6 of Form 2, details of TOR/EC mentioned NIL, however it is case of expansion.	Our CTE is granted on 2005 and converted in to CCA. At that time EC is not applicable. Copies of Consent before EIA notification is attached as Annexure-2 With this reply.
3	All old CTOs not uploaded to verify the violation, if any done by PP.	We have uploaded existing CCA. Other old consents are attached with this reply.
4	Details of Industrial Estate and its documents are not uploaded on Form 2.	Plot allotment is attached in EIA as annexure-2 on page No. 335
5	In S. No. 2 of Form 2, the Copy of documents in support of the competence/authority of the person making this application to make application on behalf of the User Agency has not been submitted	Mr. Kishor vekaria is Director of this firm. As an applicant he signed in covering letter. Copy of the same is attached in Sr. No. 2 of Form 2
6	EIA report to be revised as per the terms of reference granted for the project, and shall conform to Appendix III of the EIA Notification, 2006.	Now we have hereby submitting revised EIA report as per appendix III of EIA Notification, 2006
7	Land Acquisition Status mentioned NIL in form 2.	We have updated Land acquisition status.
8	TOR granted by the SEIAA as Category B Project, Now PP submitted the Project in Category A Project. Please clarify.	At the time of Applying EC Ankleshwar is in critical zone. Thus we have applied as category A project.
9	Please submit plan as per the Ministry's office memorandum 31st October, 2019 regarding projects located in Critically Polluted Area.	We are hereby submitting plan as per Ministry's office memorandum 31 st October, 2019 regarding projects located in critically polluted area as Annexure- 1
10	In view of the above, PP/Consultant are requested to revise the application for grant of EC and accordingly revise the Form 2 along with EIA/EMP Reports. The EIA/EMP Reports shall match with the information as filled in Form 2. On examination it is observed that the Consultant has not adequately submit the application as per the provisions of the EIA Notification, 2006.	Now we are hereby submitting revised online form 2 along with EIA/EMP Reports.

Annexure-1

Answer: We have uploaded TOR Copy in form 2 at S. No. 6. Project is located critically polluted area (GIDC-Ankleshwar) as per HON'BLE NGT Order O.A. No. 1038/2018 dated 10/07/2019 & O.A No. 1038/2018 dated 23/08/2019. As per Office Memorandum- Compliance of Hon'ble NGT order dated 19.08.2019 (published on 23.08.2019) in O.A. No. 1038 2018 - reg. Date:31/10/2019, we are applying as Category A-Project.

Environment	Conditions		Compliance
Air	i	Stack emission levels should be stringent that the existing standards in terms of the identified critical pollutants.	We will use Natural gas as a fuel to control stack emission level. Please refer table no. 2.7 of chapter – 2, at page no. 92.
	ii	CEMS may be installed in all large / medium red category industries (air polluting) and connected to SPCB and CPCB server.	Not required as unit is small scale industry.
	iii	Effective fugitive emission control measures should be imposed in the process, transportation, packing etc.	Raw materials will be stored in isolated storage area and containers will be kept tightly closed. To minimize fugitive emission, powder material will be allowed in a vessel through closed loop while liquid material will be charged through closed pipeline. Manufacturing activity will be carried out in closed reactors / vessels and regular checking and maintenance of the same will be carried out to avoid any leakages. Please refer section 2.10 of chapter – 2, Table No. 2.21, at page no. 104.
		Transportation of materials by rail/ conveyor belt, wherever feasible.	Shall be complied.
		Encourage use of cleaner fuels (pet coke/ furnace oil / LSHS may be avoided).	We will use Agro waste/Briquette & Natural Gas as a fuel (cleaner fuel) to control stack emission level.
		Best available technology may be used. For example, usage of EAF / SAF / IF in place of Cupola furnace. Usage of supercritical technology in place of subcritical technology.	Unit shall adopt Best Available Technology.
		Increase of green belt cover by 40 % of the total land area beyond the permissible requirement of 33% wherever feasible.	23 % area will be provided within plant premises. To comply with provision of 40% of green belt area, unit will develop 17 % of greenbelt in outside of the premises.
		Stipulation of greenbelt outside the project premises such as avenue plantation, plantation in vacant areas, social forestry, etc.	Unit will develop 17% of greenbelt area in outside of the premise.
		Assessment of carrying capacity of transportation load on roads inside the industrial premises. If the roads required to be widened, shall be prescribed as a condition.	Pucca road provided within industrial premises having adequate carrying capacity and well maintaining it.
Water		Reuse / recycle of treated wastewater, Wherever feasible.	Unit will maintain existing discharge.

		Continuous monitoring of effluent quality / quantity in large and medium red category industries (water polluting).	Unit will install flow meter at inlet & Outlet of ETP.
		A detailed water harvesting plan may be submitted by the project proponent.	As a part of CER activity, unit will provide Rain water harvesting system at surround village in study area.
		Zero liquid discharge wherever techno economically feasible.	Unit will maintain existing discharge.
		In case, domestic waste water generation is more than 10 KLD, the industry may install STP.	Not applicable as domestic waste water generation is less than 10 KLD.
Land		Increase of green belt cover by 40 % of the total land area beyond the permissible requirement of 33%, wherever, feasible for new projects.	23 % area will be provided within plant premises. To comply with provision of 40% of green belt area, unit will develop 17 % of greenbelt in outside of the premises.
		Stipulation of greenbelt outside the project premises such as avenue plantation, plantation in vacant areas, social forestry, etc.	Unit will develop 17% of greenbelt on the outside of the premises.
		Dumping of waste (fly ash slag, red mud, etc.) may be permitted only at designated location approved by SPCBs / PCCs.	Shall be complied.
		More stringent norms for management of hazardous waste. The waste generated should be preferably utilized in co processing.	Waste generated having high Calorific value will send for Co-processing & low Calorific value waste will be either sent for Incineration or TSDF site.
Other Condition (additional)		Monitoring of compliance of EC conditions may be submitted with third party audit every year.	Shall be Complied.
		The % of the CER may be at least 1.5 times the slabs given in the OM dated 01. 05. 2018 for SPA and 2 times for CPA in case of Environmental Clearance.	Fund allotted for CER activity will be 1% of additional capital investment (Brownfield Field project). As project falls under CEPI area, unit will allot additional 1% fund towards CER activity. Therefore total fund allotted will be 2% of investment, which will be Rs. 4 Lakhs.



GUJARAT POLLUTION CONTROL BOARD

Paryavaran Bhavan

Sector-10-A, Gandhinagar - 382 010.
Phone : 23222756, 23222095, 23222096
Gram : CLEANWATER Fax : (079) 23232156
Website : www.gpcb.gov.in

NO:GPCB/BRCH/NOC-3085/23011

TO,

M/s. CHEMOX CHEMOPHARMA INDUSTRIES,
PLOT NO.6412,
GIDC ESTATE, ANKLESHWAR,
DIST. BHARUCH.

11'9 SEP 2005

SUB : NO OBJECTION CERTIFICATE.
REF : Your NOC application No. Nil, dated 12/05/2005.

Sir,

Without prejudice to the powers of this Board under the Water (Prevention and Control of Pollution) Act-1974, the Air Act-1981 and the Environment (Protection) Act-1986 and without reducing your responsibilities under the said Acts in any way, this is to inform you that this Board has **No Objection** for expansion / to your setting up of an industrial plant at PLOT NO.3704/B, GIDC ESTATE, ANKLESHWAR, DIST. BHARUCH for the manufacture of the following items. The Validity period of the NOC will be Five years from date of issue of the order: -

Sr. No.	Product	Capacity MT/Month
1.	4-Chloro O.P.D.	2.0
2.	6-Solfo 3,4, D.C.A.	1.0
3.	Pigment Yellow	1.5
4.	Pigment Red	1.5
5.	Pigment Orange	1.5
6.	Laboratory Chemical Repacking	3.0
	Total	10.5

SUBJECT TO THE FOLLOWING CONDITIONS :

CONDITIONS UNDER WATER ACT :

- The quantity of the industrial effluent from the manufacturing process and other ancillary industrial operations shall not exceed **5555** lits/day.
- The quantity of the domestic waste water (sewage) shall not exceed **5500** lits/day.
- The effluent treatment plant consisting of the following units shall be installed
 - Collection tanks.
 - Secondary Aeration tank.
 - Carbon Column
- The quality of industrial effluent shall conform to the following standards:

PARAMETERS	GPCB NORMS
pH	6.5 to 8.5
Temperature	40° C
Colour (pt.co.scale) in units	100 units
Suspended Solids	100 mg/l
Oil and Grease	10 mg/l
Phenolic Compounds	1 mg/l
Sulphides	0.5 mg/l
Ammonical Nitrogen	50 mg/l



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Hexavalent Chromium	0.1 mg/l
Copper	2 mg/l
Lead	0.1 mg/l
BOD (3 days at 27° C)	30 mg/l
COD	100 mg/l
Chlorides	600 mg/l
Sulphates	1000 mg/l
Total dissolved solids	2100 mg/l
Percent Sodium	60 %

5. The effluent conforming to the above standards shall be discharged in to G.I.D.C. underground drainage system and conveyed to Amlakhadi, which ultimately leads to estuary of Narmada for final disposal.
6. Sewage shall be disposed off through septic tank/soak pit system.

CONDITIONS UNDER AIR ACT :

7. **Wood** shall be utilised as fuel in the Non IBR boiler & Hot Air Generator at a rate of 80 Kg/Hr.
8. Flue gas emission from the each stack of 6 mtrs. height attached to the Non IBR boiler & Hot Air Generator shall conform to the following standards.:

PARAMETERS	PERMISSIBLE LIMIT
Particulate Matter	150 mg/NM ³
Oxides of Sulphur	100 ppm
Oxides of Nitrogen	50 ppm

9. There shall be no process emission from the manufacturing process as well as any other ancillary process.
10. Following air pollution control system shall be installed for control of flue gas emissions and process emissions.
a) Flue Gas Emission : (i) Cyclone,
11. Stack monitoring facilities like porthole, platform/ladder etc., shall be provided with stacks/vents chimney in order to facilitate sampling of gases being emitted into the atmosphere.
12. Ambient air quality within the premises of the industry shall conform to the following standards :-

PARAMETERS	PERMISSIBLE LIMIT
Suspended Particulate Matter	500 Microgram/M ³
SO ₂	120 Microgram/M ³
NO _x	120 Microgram/M ³

13. All measures for the control of environmental pollution shall be provided before commencing production.

CONDITIONS UNDER HAZARDOUS WASTE :

14. Applicant shall have to comply with provisions of Hazardous Waste (Management & Handling) Rule-1989 as amended from time to time.



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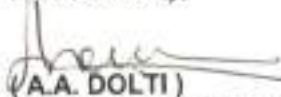
Website : www.gpcb.gov.in

GENERAL CONDITION :

15. Adequate plantation shall be carried out all along the periphery of the industrial premises in such a way that the density of plantation is atleast 1000 trees per acre of land and a green belt of 5 meters width is developed.
16. The applicant shall have to submit the returns in prescribed form regarding water consumption and shall have to make payment of water cess to the Board under the Water Cess Act- 1977.
17. In case of change of ownership/management the name and address of the new owners/partners/directors/proprietor should immediately be intimated to the Board.
18. The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gaseous emission or sewage waste from the proposed industrial plant. The applicant is required to make applications to this Board for this purpose in the prescribed forms under the provisions of the Water Act-1974, the Air Act-1981 and the Environment (Protection) Act-1986.
19. The applicant also comply with the General conditions as per Annexure - I attached herewith (No.1 to 38) (whichever applicable)
20. The concentration of Noise in ambient air within the premises of industrial unit shall not exceed following levels:

Between 6 A.M. and 10 P.M. : 75 dB(A)
Between 10 P.M. and 6 A.M. : 70 dB(A)
21. You shall have to join with the company Bharuch Eco-Aqua Infrastructure Ltd., formed to lay the pipeline for the disposal of effluent into sea and submit a certificate of membership & before approaching the Board for consent and starting production.
22. Applicant shall discharge their effluent into BEAIL pipeline project as & when it is commissioned.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD
Yours faithfully,



(A.A. DOLTI)
ENVIRONMENTAL ENGINEER

GUJARAT POLLUTION CONTROL BOARD
GENERAL CONDITIONS (NOC - 1 TO 38)

- 01 In case of any change either in products, its capacity or manufacturing process, the applicant shall have to obtain prior permission of this Board. The applicant shall not commence the production until consent under Water (Prevention and Control of Pollution) Act-1974, Air (Prevention and Control of Pollution) Act-1981 and Authorisation under the Hazardous Waste (Management and Handling) Rules-1989 is obtained.
- 02 If the products, process falls in SCHEDULE-I or II of the Environmental Audit Scheme, as specified in the order dated 13/03/97 of Hon. High Court in MCA No.326/97 in SCA No.770/95, the applicant shall also abide by the said scheme.
- 03 The applicant shall have to register the unit under the provisions of the Factories Act-1948 and shall obtain the necessary factory license.
- 04 The Environmental Management unit/Cell shall be set up to ensure implementation and monitoring of environmental safeguards and other conditions stipulated by statutory authorities. The Environmental Cell / unit shall directly report to the Chief Executive of the organization and shall work as a focal point for internalizing environmental issues. These cells / units shall also co-ordinate the exercise of environmental audit and preparation of environmental Statements.
- 05 The applicant shall have to obtain P.L.I. Policy as per P.L.I. Act-1991 and submit the copy of the same to the G.P.C.B.
- 06 The concentration of Noise on ambient air within the factory premises shall not exceed the following limit :
Between 6 AM to 10 PM : 75 dB (A)
Between 10 PM to 6 AM : 70 dB (A)
- 07 The unit shall, on establishing this plant.
 - a). Put up at the entrance and prominent places boards prominently displaying the name of the unit, particulars of the products / process and the names of the Proprietor / Partners/Directors of the unit, the electricity consumer number and the name of the electricity consumer as on the record of the GEB.
 - b). Make adequate lighting arrangements all around the Effluent Treatment Plants Pollution Control Measures and also above the boards mentioned in the above clause.
08. The Environmental Audit shall be carried out yearly and the environmental statements pertaining to previous year shall be submitted to this Board latest by 30th September every year.
- 09 The unit shall have and use only one outlet for the discharge of its effluent and no effluent shall be discharged without requisite treatment and without meeting with the GPCB norms. Such outlet shall be near the front gate/ entrance of the unit. The unit shall not keep any bypass line or system or loose or flexible pipe for discharging effluent outside or even for transporting treated or untreated effluent within the factory premises, within effluent treatment plants or in the compound of the unit.
- 10 Magnetic Flow Meters" should be installed at inlet and outlet of Effluent Treatment Plant (ETP thereafter)
11. All the chemicals and nutrients which are required to be added / dosed any where in the ETP should be so added by using " Metering Pumps" only.
12. The pipeline connecting various equipments or sumps of tanks of ETP should be minimum in number. Loose connections of hosepipes or temporary connections will not be permitted.
13. In case of incinerators the unit shall provide the flow measuring devices for mother liquor, light diesel oil, air used for combustion and temperature measuring devices within incinerators at different points scrubber, outside the incinerator should be provided. The temperatures as well as flow should be recorded, every day.
14. In case of plants involving Bio-mass Treatment. For each addition of bio-mass time and quantity, should be recorded. The uptake rate of oxygen of the bio-mass in the aeration basis and other parameters of biological system should be recorded every day.
15. The printed log books shall be maintained and get it certified for:
 - a. Energy / fuel consumption / Raw material Consumption and quantity of products manufactured.
 - b. Waste water / gaseous flow at inlet & outlet of ETP and Air Pollution Control Measures.
 - c. Quantity of sludge generated.
 - d. Laboratory analysis / reports for each of the specified parameters of liquid effluents, gaseous discharge and soil sludge samples.

27. The gaseous emission from the various process units should adhere to the air emission standards specified in this order. At no time the emission should go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit should be immediately put out of operation and should not be restarted until the control measures are rectified to achieve the desired efficiency.
28. a). Ambient air quality monitoring station should be set up in the downwind direction as well as at locations where maximum ground level concentrations are anticipated. These locations should be fixed in consultation with the GPCB. The number of air quality monitoring stations and frequency of monitoring should be selected on the basis of mathematical modeling to represent short term ground level concentrations, human settlements, sensitive targets etc...
- b). Stack emissions from the boiler and heater should be monitored for SO_2 , NO_x , Hydro Carbon and SPM and record maintained. On line continuous stack monitoring equipments should be provided for measurement of SO_2 and SO_2 .
- c). Data on ambient air quality and stack emission from boiler and heater should be submitted to this Board once in a month alongwith the statistical analysis and interpretation.
- d). Fugitive emissions should be controlled, regularly monitored and data recorded. The monitored data should be submitted to this Board once in a month.
29. Low NO_x burners should be provided to avoid excessive formulation of NO_x . Only LSH will be used a fuel during the critical month to ensure that SO levels in the ambient air is within the norm specified.
30. The unit shall make all the requisite arrangements for the safe storage and handling of solid waste including impervious flooring and leachate collection and the unit shall store and handle solid waste in accordance with the provisions of the relevant rules in their behalf.
31. A secured double lined landfill should be developed within the plant premises for disposal of solid waste by providing impervious liner and leachate collection system. The leachate shall be taken to the treatment plant for further treatment. In case of specified items or Napthalene based product and in the case of Pesticides waste, the leachate shall be totally incinerated after neutralization and / or after detoxification treatment. The design of the landfill site should be submitted before commencing the production to this Board and Government.
32. Handling manufacturing, storage and transport of hazardous chemicals should be in accordance with the Manufacture, Storage and Import of Hazardous Chemicals Rules-1989.
33. The hazardous wastes should be handled as per the Hazardous Waste (Management and Handling) Rules of the Environment (Protection) Act-1986.
34. On-site and off-site Emergency Plan as required under the Rules 13 and 14 of the Handling, Manufacture, Storage and Import of the Hazardous Chemicals Rules-1989 should be prepared and approval from the Board should be obtained.
35. A community welfare scheme for improving the socio-economic environment should be worked out and report submitted to the Board and Government for review.
36. Periodical medical check up of the workers should be done and records maintained as a measures to provide occupational health service to the workers.
37. The project authorities should set up laboratory facilities for collection, analysis of samples under the supervision of competent technical personnel who will report to the Chief Executive.
38. The funds earmarked for the Environmental Protection Measures should not be diverted for any other purpose and year wise expenditure should be reported to this Board and to the Government.



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Paryavaran Bhavan, Sector-10/A,

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Fax: (079)23232156

Website: WWW.gpcb.gov.in

By R.P.A.D

CONSOLIDATED CONSENT AND AUTHORIZATION (CC & A)

CCA NO:AWH-85495

NO: GPCB / ANK / CCA- 1099/ ID- 15018/ 4/2024

DT : 10/05/2017

In exercise of the power conferred under Section-25 of the Water (Prevention and Control of Pollution) Act - 1974, under Section - 21 of the Air (Prevention and Control of Pollution) Act - 1981 and Authorization under rule 6(2) of the Hazardous & Other Wastes (Management and Transboundary Movement) Rules-2016, framed under the E(P)Act-1986,

And whereas Board has received consolidated application dated 06/03/2017 and inward No.118144 for the consolidated consent and authorization (CC & A) of this Board under the provisions / rules of the aforesaid Acts, Consolidated Consent & Authorization is hereby granted as under.

CONSOLIDATED CONSENT AND AUTHORISATION:

(Under the provisions / rules of the aforesaid Environmental Acts)

TO,

✓ M/s. Chemox Chemopharma Industries

PLOT NO: 3704/B

GIDC ESTATE: Ankleshwar

TALUKA: Ankleshwar

DIST- Bharuch - 393002, Gujarat, India

1. Consent Order No.: AWH-85495 date of Issue 25/04/2017.

2. The consent under Water Act - 1974 for conveying the industrial effluent to the CETP of M/s. ETL for the treatment and disposal of treated effluent, The consent under Air Act-1981 & Authorization under Environment (Protection) Act, 1986 shall be valid up to 13/03/2022 to operate industrial plant to manufacture following products:

Sr	Products	CTE Qty	Applied CCA Qty	Granted CCA Qty	Unit Per Month	CAS No.	Remarks
1	4 CHLORO O.P.D.A.	2.00	2.00	2.00	Metric Tonne	0000095-83-0	
2	6 SULPHO 3,4 D.C.A.	1.00	1.00	1.00	Metric Tonne	0006331-96-0	
3	PIGMENT YELLOW	1.50	1.50	1.50	Metric Tonne	0006358-85-6	
4	PIGMENT RED	1.50	1.50	1.50	Metric Tonne	0005281-04-9	
5	PIGMENT ORANGE	1.50	1.50	1.50	Metric Tonne	0003520-72-7	
6	LABORATORY CHEMICAL REPACKING	3.00	3.00	3.00	Metric Tonne		



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SPECIFIC CONDITIONS

1. Unit shall carry out only repacking of laboratory chemicals as product mentioned in sr. no.6 .
2. There shall not be any process gas emission from proposed products.

OTHER CONDITIONS

1. Unit shall use fresh raw materials only.

3. CONDITION UNDER THE WATER ACT:

3.1 The quantity of total water consumption shall not exceed 14.64 KL/Day as per below break up as mentioned in form D submitted for consent application under the Water Act- 1974.

- a) Industrial: 8.14 KL/Day
- b) Domestic: 6.50 KL/Day

3.2 The quantity of total waste water generation shall not exceed 10.55 KL / Day as per below break up as mentioned in form D submitted for consent application under the Water Act- 1974.

- a) Industrial: 5.55 KL/Day
- b) Domestic: 5.00 KL/Day

3.3 Sewage shall be disposed off through septic tank/soak pit system or shall be treated separately in Sewage Treatment Plant (STP) to conform the following standards and treated sewage shall be utilized on land for irrigation / plantation.

Sr. No.	PARAMETERS	PERMISSIBLE LIMIT
1	Biochemical Oxygen Demand, BOD ₅ , 27° C	Less than 20 mg/L
2	Total Suspended Solids	Less than 30 mg/L
3	Total Residual Chlorine	Minimum 0.5 ppm

Or Sewage shall be treated in ETP along with Industrial effluent and disposed to CETP of ETL through designated road tankers for further treatment & disposal.

3.4 The quality of industrial effluent shall conform to the following standards(as per GPCB norms, whichever is applicable)

Sr. No.	PARAMETERS	PERMISSIBLE LIMIT
1	Biochemical Oxygen Demand, BOD ₅ , 27° C	3600 mg/L
2	Chemical Oxygen Demand (COD)	11000 mg/L
3	Phenolic Compounds	1 mg/L
4	Ammonia	100 mg/L
5	Free Acidity	55000 ppm
6	Cyanide (as CN)	0.2 mg/L
7	Pesticides	Absent
8	Hexavalent Chromium (as Cr+6)	0.1 mg/L
9	Total Chromium (as Cr)	2 mg/L



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10	Copper (as Cu)	3 mg/L
11	Nickel (as Ni)	3 mg/L
12	Zinc (as Zn)	5 mg/L
13	Mercury (as Hg)	0.01 mg/L
14	Lead (as Pb)	0.1 mg/L
15	Arsenic (as As)	0.2 mg/L
16	Cadmium (as Cd)	1 mg/L
17	Selenium (as Se)	0.05 mg/L

3.5 The effluent conforming to the above standards shall be disposed to CETP of ETL through designated road tankers for further treatment & disposal.

3.6 Unit shall be required to make storage facilities to store the effluent for at least 72 hours by providing acid proof brick lined impervious tanks/HDPE tanks.

3.7 In case of shut-down of plant for more than three (3) days for any reason, the ETL unit member shall intimate to ETL authority & GPCB well in advance for the better operation & management of CETP.

3.8 Unit shall make fixed arrangement for loading the effluent from their collection tanks to the designated tanker of ETL. Unit shall not keep any by-pass line or system or loose or flexible pipe line for loading the effluent into the designated tanker of ETL.

3.9 Magnetic flow meters shall be installed at the inlet & outlet of effluent collection tanks / ETP to measure the quantity of effluent send to ETL.

3.10 Unit shall affix of water meters as per Section 4 (1) of the water (Prevention and Control of Pollution) Cess Act-1977 for the purpose of measuring and recording the quantity of water consumed at such places as may be required, within 15 days and it shall be presumed that the quantity indicated by the meter has been consumed by the unit until the contrary is proved.

3.11 The underground drainage connection given by the GIDC for discharge of industrial effluent shall be disconnected & the outlet shall be sealed, if unit have.

3.12 The entire quantity of industrial effluent shall have to be send to ETL for further treatment & disposal. In no circumstances the effluent either treated or untreated shall be discharged into underground drainage pipeline of GIDC, storm water drain or anywhere else.

3.13 Unit shall provide adequate / safe effluent sampling facility for the effluent being stored in final collection / discharge tank of ETP or being discharged into CETP.

3.14 Unit shall be responsible for loading its effluent into the tankers of the ETL for transporting the effluent. Due care shall be taken to avoid any leakage or spillage of effluent during loading the tanker.

3.15 Unit shall put up at the entrance a board displaying the name of unit, particulars of the products/process, the name of proprietor / partners / directors of the unit, ETL membership number & date of joining of ETL, the electricity consumer number as on the record of DGVCL.

3.16 Unit shall have to display on-line data outside the main factory gate with regard to and nature of hazardous chemicals being handled in the plant, including waste water and air emission and solid hazardous waste generated within the factory premises.

3.17 Unit shall either stop or curtail its production activities if the effluent is not adequately treated by the ETL to conform to the standards specified by GPCB.

3.18 The authorized representative of ETL shall have right of entry at any time for the purpose of inspection and monitoring the effluent collection facilities/ETP (if required) of Unit.

3.19 Unit shall have to keep accurate records of quality & quantity of effluent discharged to ETL on day-to-day basis. Separate logbook shall be maintained for recording the data & shall be made available for inspection as & when asked.

3.20 Unit shall keep accurate records of quantity of production of each product, quantity of water consumption, quantity of effluent generated and consumption of electricity on day to day basis and required to submit the complied record of each month to GPCB on or before fifth day of the



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succeeding month.

3.21 In case of incinerators or MEE, the flow measuring devices for mother liquor / toxic effluent / Non-biodegradable effluent, light diesel oil, Furnace oil, etc. i.e. fuel used for combustion, air used for combustion shall be separately provided. Incinerator temperature recording devices as well as gaseous flow measuring devices for scrubber shall also be provided. These data of temperature & flow should be recorded every day & submitted to GPCB on monthly basis.

3.22 Disposal system for storm water shall be provided separately. In no circumstances storm water shall be mixed with the industrial effluent.

3.23 Leachate from the hazardous solid waste, if any shall also be connected into a collection tank through leachate collection facilities and shall be treated along with industrial effluent and final treated effluent shall be discharged to the CETP of ETL.

3.24 If the ETL authority terminates the membership of CETP, the ETL member unit shall have to close down the manufacturing activities / industrial operation of the process plant immediately until the ETL membership is resumed.

3.25 The Environmental Management Unit / Cell shall be setup to ensure implementation on and monitoring of environment safeguards and other conditions stipulated by statutory authorities. The Environmental Management Cell / Unit shall directly report to the Chief Executive of the organization and shall work as a focal point for internalizing environmental issues. These Cells also coordinate the exercise of environmental audit and preparation of environmental statements.

3.26 The Environmental audit shall be carryout yearly, if applicable. The environmental statements pertaining to the previous year shall be submitting to this State Board latest by 30th September every year.

3.27 Adequate plantation shall be carried out all along the periphery of the industrial premises in such a way that the density of plantation is at least 1000 trees per acre of land and a green belt of 5 meters width is developed.

3.28 In case of change of ownership / management the name and address of the new ownership / partners / directors / proprietor should immediately be intimate to the Board. Also any change in equipment or working conditions as mentioned in the consents form / order should immediately be intimated to this Board.

3.29 The Board reserves the right to review and/ or revoke the consent and/ or make modifications in the conditions which it seems fit in accordance with provisions of Water Act-1974.

4.CONDITIONS UNDER THE AIR ACT:

4.1 Unit shall use fuel as specified in this consent and the flue gas emission through stack shall conform to the following standards:

Sr. No.	Stack ID / Stack attached to	Capacity / Remarks	Name of Fuel	Quantity of Fuel	Air Pollution Control Measure (APCM)	Stack Height in Meter (From G.L.)	Parameter	Permissible limit	Unit
1	8832 - Boiler	Boiler Cap.600 Kg/Hr	NATURAL GAS	100 NM3/Hr	Not Applicable	11	PM SO2 NOX	150 100 50	mg/Nm ³ PPM PPM
2	80649 - D.G. Sets	D.G.Set (Cap. 50 KVA)	DIESEL	10 Lit/Hr	Not provided	9	PM SO2 NOX	150 100 50	mg/Nm ³ PPM PPM

4.2 There shall be no process gas emission from the manufacturing process and any other ancillary industrial operation through various stacks/ vent of reactors, process, vessel from plant premises.



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4.3 The concentration of the following parameters in the ambient air within the premises of the unit shall not exceed the limits specified hereunder.

Sr. No.	Parameters	Permissible Limit (microgram /m3)	
		Annual	24 Hours Average
1.	Particulate Matter (PM10)	60	100
2.	Particulate Matter (PM2.5)	40	60
3.	Oxides of Sulphur (SO _x)	50	80
4.	Oxides of Nitrogen (NO _x)	40	80

a. Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.

b. 24 hourly or 08 hourly or 01 hourly monitored values, as applicable, shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive days of monitoring.

4.4 Unit shall operate industrial plant / air pollution control equipment very efficiently and continuously so that the gaseous emission always conforms to the standards specified as above.

4.5 The consent to operate the industrial plant shall lapse if at any time the parameters of the gaseous emission are not within the tolerance limits specified as above.

4.6 Unit shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection to / and for use of Board's staff. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1, S-2, etc. and these shall be painted / displayed to facilitate identification.

4.7 Unit shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75 dB(A) during day time and 70 dB (A) during night time. Daytime is reckoned in between 6 a.m. and 10 p.m. and nighttime is reckoned between 10 p.m. and 6 a.m.

4.8 All efforts shall be made to control VOC emissions and odor problem, if any.

5. AUTHORISATION FOR THE MANAGEMENT & HANDLING OF HAZARDOUS WASTES Form-2 (See rule 6(2))

5.1 Number of authorization: AWH-85495 date of Issue 25/04/2017.

5.2 M/s. Chemox Chemopharma Industries is granted an authorization to operate facility for following hazardous wastes on the situated at PLOT NO: 3704/B GIDC ESTATE Ankleshwar DIST: Bharuch.

Sr	Name of Hazardous Waste	Sch	Catg.	Qty MT/Year	Facility	Mode of Disposal & Remarks
1	Process Waste Sludge/Residues Containing Acid, Toxic Metals, Organic compounds	1	26.1	12.00	Collection, Disposal, Treatment, Storage, Transportation	Disposal by send it to TSDF- BEIL, Ankleshwar



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Sr	Name of Hazardous Waste	Sch	Catg.	Qty MT/Year	Facility	Mode of Disposal & Remarks
2	Empty barrels/containers /liners contaminated with hazardous chemicals /wastes	1	33.1	10.00	Collection, Disposal, Reuse, Storage, Transportation	Disposal by send it to authorized decontamination facility / recycler or reuse or send back to supplier
3	Chemical sludge from waste water treatment	1	35.3	6.00	Collection, Disposal, Storage, Transportation	Disposal by send it to TSDF- BEIL, Ankleshwar
4	Used or Spent Oil	1	5.1	0.18	Collection, Disposal, Reuse, Storage, Transportation	Disposal by Reuse in plant & machinery as lubricant or sell it to authorized re-refiners / recycler.

5.3 The authorization is granted to operate a facility as above.

5.4 The authorization shall be in force for a period up to 13/03/2022.

5.5 The authorization is subject to the conditions stated below and such other conditions as may be specified in the rules from time to time under the Environment (Protection) Act - 1986.

6 TERMS AND CONDITIONS OF AUTHORISATION:

6.1 The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.

6.2 The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the Gujarat Pollution Control Board.

6.3 The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.

6.4 Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.

6.5 The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time.

6.6 The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty"

6.7 It is the duty of the authorised person to take prior permission of the Gujarat Pollution Control Board to close down the facility.

6.8 The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.

6.9 The record of consumption and fate of the imported hazardous and other wastes shall be maintained.



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6.10 The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilisation of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorisation.

6.11 The importer or exporter shall bear the cost of import or export and mitigation of damages if, any.

6.12 An application for the renewal of an authorisation shall be made as laid down under Hazardous & Other Wastes (Management and Transboundary Movement) Rules - 2016.

6.13 Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.

6.14 Annual return shall be filed by June 30th for the period ensuring 31st March of the year.

6.15 Unit shall have to display the relevant information with regard to hazardous waste as indicated in the Court's order in W.P. No. 657 of 1995 dated 14th October 2003.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD

D-M Thaker
9/5
D. M. Thaker, Unit Head