Cipla

Ref. No-CIPLA/EHS-ENV/KKB-II/07/2022 31.05.2022

Deputy Director General of Forests (Central),
West Central Zone,
Regional Office,
New Secretariate Building,
Opp. VCA Ground,
Civil Lines,
Nagpur-440 001.

Subject: Half Yearly Environment Clearance Compliance Report

Ref. No: Environment clearance No. J-11011/368/2006-IAII (I) dated 31ST July 2007.

Respected Sir,

With reference to above subject, we are hereby submitting the six-monthly Environment clearance compliance report for the period of Dec-2021 to May -2022

Point wise compliance to Environment clearance No. J-11011/368/2006-IAII (I) dated 31ST July 2007as Annexure -1.

1. Data sheet attached as Annexure-2

This is for your information.

Kindly acknowledge the receipt of the same.

Thanking You,

Your's faithfully,

For Cipla Ltd.

Authorized Signatory

Encl: As Above.

Cipla Ltd.

(Export Oriented Unit), D-27, MIDC Industrial Area, Kurkumbh, Dist. Pune - 413 802.
P +91 2117 230600 F +91 2117 235232

Regd. Office - Cipla House, Peninsula Business Park, Ganpatrao Kadam Marg, Lower Parel, Mumbai, 400013, India.
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Annexure Summary

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भारत सरकार
पर्यावरण एवं वन मंत्रालय
GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT & FORESTS

BY SPEED POST
Telefax: 011-24360488
E-mail- sansomj@gmail.com
sansom_2859@yahoo.co.in

File No.- J-11011/368/2006-IA-II (I)

Date: 31st July 2007

To,

M/s Cipla Ltd.
D-27 MIDC Industrial Area
Kurkumbh
Pune- 413 802
Maharashtra

Subject: **320 MT Bulk Drug and 2000 MNA Formulation Unit at Kurkhumbh, Daund, Pune, Maharashtra by M/s Cipla Ltd. - Environmental Clearance reg.**

Sir,

Kindly refer to your letter No. nil dated 11th October 2006 and 30th January 2007 seeking environmental clearance for the above-mentioned project.

2. The Ministry of Environment and Forests has examined the proposal. It is noted that the proposal is to set up a new 320 MT Bulk Drug and 2000 Million Numbers per Year (MNA) Formulations Unit at D- 27, MIDC Industrial Estate, Kurkumbh in Daund Taluka in District Pune in the State of Maharashtra. Six number of products in the categories of Anti-retroviral, Anti-inflammatory, Anti-diabetic, Anti-bacterial, Anti-psychotic, Anti-hypertensive, with total manufacturing capacity of 320 MT/Year will be produced. Cost of the project is Rs. 384.00 Crores, out of which Rs. 4.00 Crores has been be earmarked for environmental protection measures. The land area required for the project is 16 Ha out of which 5.5 Ha has been earmarked for green belt development. No Forestland is involved in the project and no ecologically sensitive zone exists in 7 km periphery of the project site. The water requirement of the project is 600 m3/day which is proposed to be obtained from MIDC. 355 m3/day of effluent will be generated. The treated effluent will be recycled and rejects will be sent to multiple effect evaporator and concentrated residue will be sent to incinerator. The project does not involve any R& R.

3. The project is scheduled as category 5 (f) of the EIA Notification, 2006. The project was considered as per the procedure in EIA Notification, 1994 in accordance with Para 2.1.1. (i) of Interim Operational Guidelines of MoEF dated 13th October, 2006 as EIA/EMP report was submitted and the Public Hearing was conducted on 21st July 2006.

Contd

4. Based on the information submitted by you, the Ministry of Environment and Forests hereby accords environmental clearance to the above project under the provisions of EIA Notification dated 14th September 2006 subject to the compliance of the following Specific and General conditions:

A. SPECIFIC CONDITIONS

i. Benzene shall not be used as solvent. Use of toxic solvents like Methylene Chloride (M.C.) etc. shall be minimized to the extent possible.

ii. Regular monitoring of all relevant parameters including HBr, HCl, NH3, VOC, CO and HCs at various probable locations in the ambient air, work zone and final vents shall be carried out and results submitted to the Ministry.

iii. Fugitive emissions of all relevant parameters in work zone area, products and raw materials storage area and ambient air shall be carried out as per CPCB Guidelines. The emissions shall conform to the limits imposed by the State Pollution Control Boards/Central Pollution Control Board.

iv. The Unit shall explore the possibility of sending the high calorific spent residue to the cement plants.

v. Natural Gas shall be used as fuel in Steam Boiler and Incinerator.

vi. The bulk materials shall be stored in separate solvent tank farms and in MS/SS tanks.

vii. The gaseous emissions (SO_2, NO_x, VOC, HC, HBr, NH3, CO and HCl) along with particulate matter and RSPM from various process units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system(s) adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.

viii. Regular monitoring of all relevant paramenters in the ambient air shall be carried out. The locations of ambient air quality monitoring stations shall be set up in consultation with the State Pollution Control Board (SPCB) and at least one station shall be put in the downwind direction as well as where maximum ground level concentration is anticipated.

Contd.

ix. Two Boilers, one Incinerator and four (4) D.G. Sets will be the main air pollution sources. The stacks with the boilers and incinerator shall be of 30 m height and DG sets stacks will be of h+ 7.5 M height. The incinerator and DG Sets will be fitted with scrubber and muffler respectively with 100 % efficiency. The SPM emissions from the Boiler, Incinerator and DG Sets shall be 70-80, 50-70 and 40-50 mg/nm3.

x. Dedicated scrubbers and stacks of appropriate height as per the Central Pollution Control Board guidelines shall be provided to control the emissions from various vents. The scrubbed water shall be sent to ETP for further treatment.

xi. The solvent recovery shall be further increased up to 98%. Closed handling systems for chemicals and solvents shall be provided. Magnetic seals shall be provided for pumps/agitators for reactors for reduction of fugitive emissions. Chilled Brine based condensers shall be used to prevent VOC emissions. Solvent traps shall be installed wherever necessary.

xii. All venting equipment shall have vapour recovery system. All the pumps and other equipment's where there is a likelihood of HC leakages shall be provided with Leak Detection and Repair (LDAR) system and LEL indicators and Hydrocarbon detectors. Provision for immediate isolation of such equipment, in case of a leakage shall also be made. The company shall provide a well defined Leak Detection and Repair (LDAR) programme for quantification and control of fugitive emissions. The detectors sensitivity will be in ppm levels.

xiii. All the storage tanks will be under negative pressure to avoid any leakages. Breathers, N2 blanketing and condensers will be provided for all the storage tanks.

xiv. Spent solvents shall be recovered as far as possible & recovery shall not be less than 98 percent. Solvent vapours emitted during purification process from purification tanks as fugitive emissions shall be reduced as far as possible. All venting equipment shall have vapour recovery system.

xv. Industry shall switch over to aqueous based coating film in place of use of Methylene Chloride in coating operation and to non-halogenated solvents in place of halogenated solvents in a phased manner.

xvi. No ground water shall be used for the project.

Contd.

xvii. The effluent generation shall not exceed 355 m3/d. The wastewater generated from the plant will be segregated. The low COD low TDS stream will be treated through Primary treatment followed by Anaerobic Lagoon and Activated Sludge followed by Tertiary Treatment as Pressure Sand and Activated Charcoal Filters followed by Reverse Osmosis. High TDS and low COD stream will be taken to liquid cum solid waste MEE System and High Organic (high COD) stream will be incinerated. The Biodegradable stream will be treated upto tertiary treatment The treated effluent shall be recycled for use.

xviii. About 250 Mt/y of Plastic, Glass, Ferrous and other scraps will be generated from the project which will be sold off. Used / spent oil, Spent solvents, Spent catalyst/ Spent carbon, Date expired, discarded and off-specification drugs /medicines, Spent mother liquor, Spent organic solvents, Discarded containers/ barrels / liners / used for hazardous wastes/chemicals, Chemical sludge, oil and grease skimming residue from ETP, Sludge from wet scrubbers, Ash from incineration of hazardous waste and flue gas cleaning residues will be the hazardous waste generated from the project. These shall be either incinerated or sold out to authorized reprocessors.

xix. The unit shall install their own incinerator for incineration of Hazardous Waste or send it to Mumbai Waste Management, Taloja. The incinerator shall meet the CPCB standards and guidelines. Emissions from the incinerator shall be with in the prescribed norms for the incinerators. Monitoring Protocol as prescribed in these standards shall be followed.

xx. 5.5 Ha of the area shall be developed as green belt as per the CPCB guidelines

xxi. The project authorities shall earmark separate funds of Rs 4.00 Crores for Environment Control and adequate funds every year as O&M cost of pollution control system and to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.

B. GENERAL CONDITIONS :

i. The project authorities shall strictly adhere to the stipulations made by the State Pollution Control Board.

ii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case

Contd.

of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.

iii. At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.

iv. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under "Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).

v. The project authorities shall strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended in 2000 for handling of hazardous chemicals. Necessary approvals from Chief Controller of Explosives must be obtained before commissioning of the expansion project. Requisite On-site and Off-site Disaster Management Plans will be prepared and implemented. Regular mock drills shall be carried out for both On-site and Off-Site plans. Safer modes of transportation of Hazardous Chemicals than the transportation by road shall be explored with time. Transportation of Hazardous Chemicals shall be as per the rules under the MVA, 1989.

vi. The company shall undertake following Waste Minimization measures.

- Metering and control 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 processes.
- Use of automated filling to minimize spillage.
- Use of "Close Feed" system into batch reactors.
- Venting equipment through vapour recovery system.
- Use of high pressure hoses for equipment clearing to reduce wastewater generation

Contd.

(vii) Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.

(viii) Usage of PPEs by all employees/ workers shall be ensured.

(ix) The company shall develop rain water harvesting structures to harvest the run off water for recharge of ground water.

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

(xi) The company shall strictly follow all the recommendations mentioned in the Charter on Corporate Responsibility for Environmental Protection (CREP).

(xii) All the recommendations made by the consultants in respect of environmental management and risk mitigation measures relating to the project in the EIA/EMP Report shall be implemented.

(xiii) The company shall undertake all relevant measures, as indicated during the Public Hearing for improving the Socio-economic conditions of the surrounding area. CSR activities will be undertaken by involving local villages and administration.

(xiv) The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment. The eco-development plan should be submitted to the SPCB within three months of receipt of this letter for approval.

(xv) A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.

(xvi) The implementation of the project vis-à-vis environmental action plans shall be monitored by the concerned Regional Office of the Ministry/SPCB / CPCB. A six monthly compliance status report shall be submitted to monitoring agencies and shall be up loaded on the web site of the Project.

Contd

(xvii) The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at http://envfor.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.

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

5. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

6. The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.

7. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 Hazardous Wastes (Management and Handling) Rules, 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

(Sanchita Jindal)
Additional Director

Copy to :

1. The Secretary, Department of Environment & Energy, Government of Maharashtra, Room No. 403, 4th Floor, Mantralaya, Mumbai-400 032, Maharashtra.

2. Chief Conservator of Forests, Ministry of Environment & Forests, Regional Office (WZ),E-5, Arera Colony, Link Road-3, Bhopal : 462 016, Madhya Pradesh.

3. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.

4. The Chairman, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th Floor, Matunga Scheme Road, Road No. 6, Opp. Cine Planet, Circle Sion (E), Mumbai -400022, Maharashtra.

Contd.

5. Advisor (CC-II), Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi - 110003.

6. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi- 110003.

7. Guard File

8. Monitoring File

9. Record File

10. Web site of MoEF

(Sanchita Jindal)
Additional Director

Annexure-I (page 1 to 6)

Cipla

D-27, Kurkumbh

Compliance of Specific Conditions by MOEF

NO. J-11011/368/2006-IAII (I) Dated –31/07/2007

Sr. No.	CONDITION	COMPLIANCE
1	Benzene shall not be used as solvent. Use of toxic solvents like Methylene chloride (M.C) etc. shall be minimized to the extent possible	We do not use Benzene as solvent, we recover the solvent wherever possible; two stage condensers have been provided for recovery on the reactors. It will be always our efforts to reduce the consumption of solvents like Methylene Chloride.
2	Regular monitoring of all relevant parameters including HBr, HCl, NH3, VOC, CO, and HCs at various probable location in the ambient air, work zone and final vents shall be carried out and result submitted to the ministry	We are conducting monitoring through third party. (By MoEF Approved Lab) and reports are attached as **Annexure I**
3	Fugitive emission of all relevant parameter in work zone area, product and raw material storage area and ambient air shall be carried out as per CPCB Guideline. The emission shall conform to the limits imposed by the SPCB/CPCB.	We are conducting monitoring through third party. (By MoEF Approved Lab) Ref. **Annexure I**
4	The unit shall explore the possibility of sending the high calorific spent residue to the cement plant	Possibility explored and disposal as per CTO (Consent To Operate) Condition.
5	Natural gas shall be used as fuel in the steam boiler and incinerator.	Natural gas will be used for boiler when available in (KKB site) Kurkumbh MIDC area. We are not use Incinerator.
6	The bulk materials shall be stored in separate solvent tank farms and in MS/SS tanks.	Under ground storage area is developed as per CCOE norms.
7	The gaseous emissions (SO2, NOX, VOC, HC, HBR, NH3, CO and HCL) along with SPM, RSPM forms various process units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control systems adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.	We are conducting monitoring through third party. (By Moef Approved Lab) Reports are attached as . **Annexure II**
8	Regular monitoring of all relevant parameters in the ambient air shall be carried out. The location of AAQ monitoring stations shall be set up in consultation with the SPCB and at least one station shall be put in the downwind direction as well as where maximum ground level concentration is anticipated.	We are Starting consultation as per MPCB and through third party. (By MoEF Approved Lab) and reports Ref. **Annexure I**
9	The stack with boilers and incinerator shall be of 30 M height	Boiler stack height is 30 mtr. and D G sets stack height is

	and DG sets stack will be of h+ 7.5 M height.	30 mtr. Analysis reports Ref. **Annexure II**
10	Dedicated scrubber and stacks of appropriate height as per the CPCB guidelines shall be provided to control the emission form various vents. The scrubber water shall be sent to ETP for further treatment.	Dedicated scrubbers are provided and connected to process vents. Scrubber water tank drain is connected to ETP. Ref **Annexure II**
11	The solvent recovery shall be further up to 98%. Closed handling systems for chemicals and solvents shall be provided. Magnetic seals shall be provided for pumps/agitators for reactor for reduction of fugitive emissions. Chilled brine-based condensers shall be used to prevent VOC emissions. Solvent trap shall be installed wherever necessary.	Closed system for solvent handling is provided with auto dispensing system. Mechanical seal is provided for the Reactors and Pumps. Chilled water and Chilled brine condensers are provided wherever applicable.
12	All venting equipment shall have vapor recovery system. All the pump and other equipment's where there is a likelihood of HC leakages shall be provided with the Leak Detection and Repair (LDAR) system and LEL indicators and Hydrocarbon's detectors. Provision for immediate isolation of such equipment, in case of leakage shall also be made. The company shall provide a well-defined LDAR programme for quantification and control of fugitive emission. The detectors sensitivity will be in ppm levels.	We have provided the HC detector & Fire Alarm system for emergency communication
13	The entire storage tank will be under negative pressure to avoid any leakages. Breathers, N2 blanketing, and condensers will be provided for all the storage tanks.	Breathers and Flame arresters are provided for all storage tanks.
14	Spent solvents shall be recovered as far as possible and recovery shall not be less than 98 %. Solvent vapors emitted during purification process from purification tanks, as fugitive emission shall be reduced as far as possible. All venting equipment shall have vapor recovery system.	This is being followed Vent condensers with chilled water /brine provided for the reactors
15	Industry shall switch over to aqueous based coating film in place of use of Methylene Chloride in coating operation and to non-halogenated solvents in place of halogenated solvents in a phased manner.	We are currently bulk drug manufacturer & we do not carry out any coating activity by using Methylene Chloride. This condition is Not Applicable to our activity.
16	No ground water shall be used for project.	Water supplied by MIDC is used.

17	The effluent generation shall not be exceeded 355 m3/day. The wastewater generated from plant will be segregated. The low COD low TDS stream will be treated through Primary treatment followed by anaerobic lagoon and activated sludge followed by tertiary treatment as sand and activated charcoal filters followed by Reverse osmosis. The high TDS and low COD stream will be taken to liquid cum solid waste MEE system and high organic (high COD) stream will be incinerated. The treated effluent shall be recycled for use.	The effluent generation will not exceed 355 m3/day. Segregation of effluent streams is done at source of generation and The treated water used for utility. We are implementing this project in two phases of effluent 150 m3/day each. ETP Details attached as **Annexure III**
18	About 250 MT/y. of Plastic, Glass, Ferrous and other scraps will generate from the project which will be sold off. Used / spent oil, spent solvent spent catalyst / spent carbon, Date expired, discarded and off-specification drugs /medicines, spent mother liquor. spent organic solvent, discarded containers / barrels / liners / used for hazardous wastes / chemicals, chemical sludge, oil and grease skimming residue form ETP, sludge from wet scrubbers, Ash from incineration of hazardous waste and flue gas cleaning residues will be the hazardous waste generated from the project. These shall be either incinerated or sold out to authorized reprocesses	Plastic, Glass, Ferrous and other scraps, discarded containers / barrels / liners has sent to authorized recycler. Used / spent oil, spent solvent, spent organic solvent has sent to authorized recycler. spent carbon, Date expired, discarded and off-specification drugs /medicines, chemicals, chemical sludge form ETP, sludge from wet scrubbers, sent to MEPL
19	The unit shall install own incinerator for incineration of Hazardous waste or send to MEPL CHWTSDF Pune. The incinerator shall meet the CPCB standard and guidelines Emission from the incinerator shall be with in the prescribed norms for the incinerators. Monitoring protocol as prescribed in these standards shall be followed.	Membership certificate of MEPL enclosed as **Annexure IV**
20	5.5 hector of the area shall be developed as green belt as per the CPCB guidelines.	Total Green belt area developed 5.84 Hectares as per CPCB guidelines, enclosed as **Annexure V**
21	The project authorities shall earmark separate funds of Rs 4.00 Crores for Environment Control and adequate funds every year as O&M cost of pollution control system and to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose	Set-up full-fledged ETP (Effluent treatment plant, ZLD), Cost details enclosed as **Annexure VI**

Compliance of general conditions by MOEF

Sr. No.	CONDITION	COMPLIANCE
1	The project authorities shall strictly adhere to the stipulations made by the State Pollution Control Board.	Being followed
2	No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of condition imposed and to add additional environmental protection measures required. If any.	Being followed
3	At no time, the emission shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.	Being followed
4	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencer, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (protection) Act, 1986 Rules 1989 viz. 75 d B A (daytime) and 70 d B A (nighttime).	Being followed. We have provided acoustic hood for Air blower & Diesel Generator sets. **Annexure VII**
5.	The project authorities shall strictly comply with the provisions made in Manufacture, Storage, and Import of Hazardous Chemicals Rules, 1989 as amended in 2000 for handling of hazardous chemicals. Necessary Approvals from Chief Controller of Explosives must be obtained before commissioning of the expansion project. Requisite On-site and Off-site Disaster Management Plans will be prepared and implemented. Regular mock drills shall be carried out for both On-site and Off-Site plans. Safer modes of transportation of Hazardous Chemicals than the transportation by road shall be explored with time. Transportation of Hazardous Chemicals shall be as per the rules under the MVA, 1989.	Being followed
6	The company shall undertake following Waste Minimization measures. ➢ Metering and control of quantities of active ingredient to minimize the waste. ➢ Reuse of byproducts from the processes as raw materials or as raw material substitutes in other processes.	Raw materials are dispensed as per batch size Wherever possible we are doing. We have installed DCS for transfer of solvents

	➢ Use of automated filling to minimize the spillage. ➢ Use of "Close Feed" system in batch reactors. ➢ Venting equipment through vapor recovery system. Use of high-pressure hoses for equipment cleaning to reduce wastewater generation	We have installed powder transfer system for solid charging to the reactors We have installed vent condensers for maximum recovery Being followed
7	Training shall be imparted to all the employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examination for all the employees on handling of chemicals shall be imparted.	We are conducting training on regular basis like chemical handling, Environmental awareness & Waste management & MSDS on monthly basis related to health & safety of employees.
8	Usage of PPEs by all the employees /workers shall be ensured.	followed
9	The company shall develop rainwater-harvesting structures to harvest the runoff water for recharge of ground water.	We are developed near about 5m 3 capacity rainwater collection pit.
10	Occupational health surveillance of the worker shall be done on a regular basis and records mentioned as per the Factories Act.	Being followed
11	The company shall strictly follow all the recommendation mentioned in the charter on Corporate Responsibility for Environmental Protection (CREP)	Being followed
12	All the recommendations made by the consultant in respect of environmental management and Risk mitigation measures relating to the project in the EIA/EMP Report shall be implemented.	Being followed
13	The company shall undertake all relevant measures. As indicated during the Public Hearing for improving the Socio-economic conditions of the surrounding area. CSR activities will be undertaken by involving local villages and administration.	Being followed
14	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment. The eco-development plan should be submitted to the SPCB within three months of the receipt of this letter for approval.	We are providing suitable jobs to local people and help is rendered for improvement of the environment.
15	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	We have provided full-fledged laboratory for ETP and Env. Mgt cell. At site Attached as **Annexure VIII**
16	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with SPCB/Committee and may also be seen at Website of the Ministry at http://envfor.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local news papers that are widely circulated in the	we are conducting monitoring on regular basis and six Monthly compliance report submitted to monitoring agenesis time to time.

	region of which one shall be in the vernacular language of the locality concerned and copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	
17	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with SPCB/Committee and may also be seen at Website of the Ministry at http://envfor.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	The information was advertised in local papers. Copy enclosed as **Annexure- IX**
18	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concern authorities and the date of start of the project.	The Phase I work is completed, CTO obtained for the same Ref. **Annexure- X**

Annexure - 2 (page 7 to 9)

Monitoring the Implementation of Environmental Safeguards
Ministry of Environment & Forests
Regional Office, Nagpur.

Monitoring Report
PART – I
DATA SHEET

No. **Date: 31/05/2022**

1. Project type: River –valley /Mining Industry /Thermal /Nuclear/ other (specify)	:	Industry
2. Name of the project	:	Bulk Drug manufacturing plant
3. Clearance letter (s) /OM no and date	:	No. J -11011/368/2006 - IA –II (I) Dated 31 st July 2007
4. Location	:	
a) District (s)		Pune
b) State (s)		Maharashtra
c) Latitude/Longitude		18^0 21' N / $74^0$31' E
5. Address for correspondence	:	
a) address of concerned project Chef Engineer (with pin code & telephone / fax numbers)	:	Mr. Mangesh Vaze Cipla Ltd. D-27 MIDC area, Kurkumbh, Tal. Daund Dist. – Pune. Pin Code – 413802. Tel No.: 02117-230600 Tel Fax: 02117- 235232 Mangesh.Vaze@Cipla.com
b) Address of Executive Project Engineer/Manager (with pin code/ Fax numbers)	:	Mr. Alipasha Saudagar Cipla Ltd. D-27 MIDC area, Kurkumbh, Tal. Daund, Dist. – Pune. Pin Code – 413802. Tel. No.: 02117 - 230601 Tel Fax: 02117- 235232 Alipasha.Saudagar@Cipla.com
6. Salient features	:	Bulk drugs manufacturing plant
a) of the project	:	As per MPCB Consent to
b) of the environmental management plans		operate norms vide Consent No. Format1.0/CAC/UAN No. MPCB-CONSENT-0000118891/CO/2205000394 Dated 07/05/2022 **Ref. Annexure-X**

7. Break up of the project area :
a) Submergence area: forest & non-forest — Notified chemical zone by MIDC
b) others

8. Break up of the project affected population With enumeration of those losing houses/ dwelling units only agricultural land only, both dwelling unit &agricultural land & landless labourers/artisan : Nil
a) SC,ST/ Adivasis : --
b) others : --

(Please indicate whether these figures are based on any scientific and systematic survey is carried out or only provisional figures, if a survey is carried out give details and years of survey) : --

9. Financial details : **Ref. Annexure-VI**
a) Project cost as originally planned and subsequent revised estimates and the The year of price reference.

b) Allocation made for environmental management plans with item wise and year wise break-up.

c) Benefit cost ratio/ Internal rate of return And the year of assessment.

d) whether (c) includes the cost of environmental management as shown in the above.

e) Actual expenditure incurred on the Project so far

f) Actual expenditure incurred on the environmental management plans so far.

10. Forest land requirement : Nil
a)The status of approval for diversion of forest land for non-forestry use.

b)The status of clearing felling. :

c)The status of compensatory afforestation, if any. :
d)Comments on the viability & sustainability of compensatory afforestation programme in the light of actual field experience so far. :

11.	The status of clear felling in non-forest areas (such as submergence area of reservoir, approach roads),if any with quantitave information	:	Nil
12.	Status of construction	:	
	a)Date of commencement (Actual and/or planned)	:	Phase I construction is Completed
	b)Date of completion (Actual and /of planned)	:	Production is Started from March 2008.
13.	Reasons for the delay if the project is yet to start	:	--
14.	Date of site visits	:	12/12/2007
	a) The dates on which the project was monitored by the Regional office on previous occasions, if any	:	--
	b) Date of site visit for this monitoring report	:	--
15.	Details of correspondence with project Authorities for obtaining action plans/ Information on status of compliance to Safeguards other than the routine letters for logistic support for site visits)	:	--
	(The first monitoring report may contain the details of all the letters issued so far, but the later reports may cover only the letters issued subsequently.)	:	--

Annexure - I (page 10 to 15)

GADARK LAB PVT. LTD.

INDUSTRIAL ANALYSTS & CONSULTANTS

LAB.: H-54, Additional M.I.D.C. Kudal, Taluka - Kudal, District - Sindhudurg - 416 525.
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OFF.: 15, Hindustan Kohinoor Industrial Complex, L.B.S. Marg, Vikhroli (West), Mumbai - 83.
Tel.: (022) 2577 7069 / 2577 7070 / 2085 0091 • +91 93213 12367

TEST REPORT

Doc.No : GLPL/QF/7.8/03

Test Report No.	GA/22/02/75	**Test Report Date**	16/02/2022
Customer Name and Address	**M/s. CIPLA LTD.** **D-27, MIDC INDUSTRIAL AREA, KURKUMBH, TAL.- DAUND, DIST. – PUNE.**		
Letter Ref / Date	—	**Page No.**	1 of 1
Sampling Done By	GLPL	**Sample Received on**	11/02/2022
Sampling Plan	GLPL/QF/7.3/06	**Analysis Period**	12/02/2022 To 16/02/2022

SAMPLING DETAILS - AMBIENT AIR MONITORING :-

Sampling Location	Near API I Solvent Tank		Near API II E1 & E2 Tank Area	
Date of Sampling	10/02/2022		10/02/2022	
Time of Sampling [Hrs]	09:00		09:25	
Duration of Sampling [Hrs]	24		24	
Ambient Temperature [°C]	Min.	25	Max.	31
Relative Humidity [%]	Min.	39	Max.	59

ANALYSIS REPORT :-

Parameters	Unit	Near API I Solvent Tank	Near API II E1 & E2 Tank Area	*N.A.A.Q.S.	Sampling & Analysis Methods
PM_{10}	µg/m³	60.8	59.2	100.0	IS 5182 (Part XXIII) 2006
$PM_{2.5}$	µg/m³	30.2	28.7	60.0	USEPA FEM, 40 CFR Part 50, Appendix-L, 2014-2016
SO_2	µg/m³	28.6	30.1	80.0	IS 5182 (Part II) 2001
NO_2	µg/m³	33.2	33.0	80.0	IS 5182 (Part VI) 2006
CO	mg/m³	1.04	0.83	2.0 for 8 Hrs.	IS 5182 (Part X) 1999
Lead	µg/m³	0.09	0.08	1.0	IS 5182 (Part XXII) 2004
Ozone	µg/m³	9.33	6.03	100.0 for 8 Hrs.	ISC Method of Air Sampling & Analysis 3rd Edition, Method 411 2016
Ammonia	µg/m³	6.88	4.17	400.0	ISC Method of Air Sampling & Analysis 3rd Edition, Method 401 2016
Benzene	µg/m³	< 1.0	< 1.0	5.0	IS 5182 (Part XI) 2006
Benzo Pyrene	ng/m³	< 0.1	< 0.1	1.0	IS 5182 (Part XII):2004
Arsenic	ng/m³	< 0.4	< 0.4	6.0	IS 5182 (Part XXII) 2004
Nickel	ng/m³	5.13	3.90	20.0	IS 5182 (Part XXII) 2004

***N.A.A.Q.S. – National Ambient Air Quality Standards**

End

For **GADARK LAB PVT. LTD.**

AUTHORISED SIGNATORY
[KAILAS V. CHITALKAR]

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6. Calibration details of the equipments used in monitoring and / or analysis is back side of analysis report.

Recognised by Ministry of Environment, Forest and CC, Government of India, vide Gazette Notification No. 3221, dated 24th August 2021, valid upto 15th October 2023. ISO 9001 : 2015 Certified & ISO 45001 : 2018 Certified.

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TEST REPORT

Doc.No : GLPL/QF/7.8/03

Test Report No.	GA/22/02/76	**Test Report Date**	16/02/2022
Customer Name and Address	**M/s. CIPLA LTD.** **D-27, MIDC INDUSTRIAL AREA, KURKUMBH, TAL.- DAUND, DIST. – PUNE.**		
Letter Ref / Date	---	**Page No.**	1 of 1
Sampling Done By	GLPL	**Sample Received on**	11/02/2022
Sampling Plan	GLPL/QF/7.3/06	**Analysis Period**	12/02/2022 To 16/02/2022

SAMPLING DETAILS - AMBIENT AIR MONITORING :-

Sampling Location	Near DP Store Solvent Tank Farm		Near Conractor Shed Area	
Date of Sampling	10/02/2022		10/02/2022	
Time of Sampling [Hrs]	09:45		10:30	
Duration of Sampling [Hrs]	24		24	
Ambient Temperature [°C]	Min.	25	Max.	31
Relative Humidity [%]	Min.	39	Max.	59

ANALYSIS REPORT :-

Parameters	Unit	Near DP Store Solvent Tank Farm	Near Conractor Shed Area	*N.A.A.Q.S.	Sampling & Analysis Methods
PM_{10}	$\mu g/m^3$	79.4	66.6	**100.0**	IS 5182 (Part XXIII) 2006
$PM_{2.5}$	$\mu g/m^3$	39.7	33.7	**60.0**	USEPA FEM, 40 CFR Part 50, Appendix-L, 2014-2016
SO_2	$\mu g/m^3$	34.2	32.6	**80.0**	IS 5182 (Part II) 2001
NO_2	$\mu g/m^3$	39.6	35.2	**80.0**	IS 5182 (Part VI) 2006
CO	mg/m^3	1.20	1.17	**2.0 for 8 Hrs.**	IS 5182 (Part X) 1999
Lead	$\mu g/m^3$	0.12	0.09	**1.0**	IS 5182 (Part XXII) 2004
Ozone	$\mu g/m^3$	10.97	7.13	**100.0 for 8 Hrs.**	ISC Method of Air Sampling & Analysis 3rd Edition, Method 411 2016
Ammonia	$\mu g/m^3$	7.17	3.71	**400.0**	ISC Method of Air Sampling & Analysis 3rd Edition, Method 401 2016
Benzene	$\mu g/m^3$	< 1.0	< 1.0	**5.0**	IS 5182 (Part XI) 2006
Benzo Pyrene	ng/m^3	< 0.1	< 0.1	**1.0**	IS 5182 (Part XII):2004
Arsenic	ng/m^3	< 0.4	< 0.4	**6.0**	IS 5182 (Part XXII) 2004
Nickel	ng/m^3	8.32	6.54	**20.0**	IS 5182 (Part XXII) 2004

***N.A.A.Q.S. – National Ambient Air Quality Standards**

End

For **GADARK LAB PVT. LTD.**

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TEST REPORT

No. GLH/W/0569/22

Date: 23/05/2022

SUMMARY REPORT OF

WORKPLACE MONITORING FOR

M/s CIPLA LIMITED (D – 27) UNIT No 2, KURKUMBH - PUNE

Analysis of Organic Vapours/ Respirable Dust: -

Sr. No	Date & Shift	Area / Location	Name of Operator	Pollutant	Result	
					Concentration	Limit
01	20.05.2022 11:00 to 13:00	API-I Ground Floor. CF-201 & CF-202, Room No. 3117	Mr. Uday Kedari Emp. No. 144853	Respirable Dust	0.31 mg/m^3	5.0 mg/m^3
02	20.05.2022 12:00 to 14:00	API-II Ground Floor. MM-403, Dryer-II, Room No. 4147	Mr. Prasad Chauan Emp. No. 151509	Respirable Dust	1.23 mg/m^3	5.0 mg/m^3

For **GADARK LAB PVT. LTD.**

[KAILAS V. CHITALKAR]
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WORKPLACE MONITORING REPORT

Site: **Cipla Ltd.- Kurkumbh**	Date: 20.05.2022	Shift: 1st Shift	Report: **01**

Name : Mr. Uday Kedari Employee No. : 144853 Department : **API-I Ground Floor** Area : **Room No 3117** Plant : **API-I CF-201 & CF-202**	Condition :- **Normal** : Upset : Emergency : Start up : Shut down : Operation :- **Loading** : Mixing : Filling : Spraying : Cleaning : GPW : Lab Duties : General Duties : Other (Please Specify) Assignment Code: - NIR-Acid Compound (CWX220015)

SAMPLING DETAILS (Additional Information Overleaf)

Sample Type :- **Personal** : Fixed Type :- **Dust** : Gas : Vapour : Fumes : Sample Schedule : **Routine** : Special : Sample Start :- **11:00 hrs** Sampling Time :- **120 min.**	DETERMINATION TYPE : **TWA** : TWA Particulars Act : Derived TWA : Max Value : Ceiling Value : STEL : COLLECTION DEVICE : Passive Sample : **Filter** : **Pumped Sample** : Impinger : Grab Sample : Direct Read Detector Tube : ANALYTICAL METHOD : **Gravimetric W / V**

Instrument Identification		Lab Sample No.	2205 – H – 2001
Type	Low Volume Air Sampler	Sample Type	Dust
Manuf.	PCXR	Sample Media	Filter
Model No.	A116454	Filter / Tube No.	F10
Temp. (°F / °C)	25 °C	Humidity (R.H.)	46%

Time :	Start	11:00			Sampling Calibration Records	
	Stop	13:00			Flow Rate	1.7 Lit/min
Total Time (min)		120			Date / Time	29/06/2021
Flow Rate					Flow Calibrated By	Rotameter
☐ l/min	Start	1.7			Certificate No : TECH /CAL/2021/06.D/12	
☐ cc/min	Stop	1.7				
Volume		204 Litres			**Analytical Method: Method No. 0600 NIOSH**	
Corrected Volume		203 Litres				

GADARK LAB PVT. LTD. MUMBAI

RESULTS (**mg/m$^{3:}$** ppm)

Compound Name	**Respirable Dust**
Concentration	0.31 mg/m^3
8 HR TWA Limit	**5.0 mg/m^3**
O.E.L.	
S.T.E.L.	
CON. / O.E.L.	

ACTIVITIES

1] Routine production activity like Loading of Centrifuge.

MATERIALS HANDLED

Solvent :- NA

Solid RM :- NA

Product : NIR-Acid Compound

Conclusion:

Personal exposure to the **Respirable Dust** during the routine production activities like Loading of centrifuge was found out to be **0.31 mg/m^3** which was **below** limit of **5.0 mg/m^3** TWA for 8 hrs.

For Gadark lab Pvt. Ltd.

GADARK LAB PVT. LTD. * MUMBAI *

WORKPLACE MONITORING REPORT

Site: **Cipla Ltd.- Kurkumbh**	Date: 20.05.2022	Shift: 1st Shift	Report: **02**

Name : Mr. Prasad Chauan Employee No. : 151509 Department : **API-II Ground Floor** Area : **Room No 4147** Plant : **API-II MM-403 Dryer-II**	Condition :- **Normal** : Upset : Emergency : Start up : Shut down : Operation :- Loading : Mixing : Filling : Spraying : Cleaning : GPW : Lab Duties : General Duties : **Other** (Please Specify) Assignment Code: - Trimetazidine Dihydrochloride (CWX220015)

SAMPLING DETAILS (Additional Information Overleaf)

Sample Type :-	**Personal** : Fixed	DETERMINATION TYPE : **TWA** : TWA Particulars Act : Derived TWA : Max Value : Ceiling Value : STEL :
Type :-	**Dust** : Gas : Vapour : Fumes :	
Sample Schedule :	**Routine** : Special :	COLLECTION DEVICE : Passive Sample : **Filter** : **Pumped Sample** : Impinger : Grab Sample : Direct Read Detector Tube :
Sample Start :-	**12:00 hrs**	
Sampling Time : -	**120 min.**	ANALYTICAL METHOD : **Gravimetric W / V**

Instrument Identification		Lab Sample No.	2205 – H – 2002
Type	Low Volume Air Sampler	Sample Type	Dust
Manuf.	PCXR	Sample Media	Filter
Model No.	A116455	Filter / Tube No.	F14
Temp. (°F / °C)	25 °C	Humidity (R.H.)	44%

Time :	Start	12:00			Sampling Calibration Records	
	Stop	14:00			Flow Rate	1.7 Lit/min
Total Time (min)		120			Date / Time	29/06/2021
Flow Rate					Flow Calibrated By	Rotameter
☐ l/min	Start	1.7			Certificate No : TECH /CAL/2021/06.D/13	
☐ cc/min	Stop	1.7				
Volume		204 Litres			**Analytical Method: Method No. 0600 NIOSH**	
Corrected Volume		202 Litres				

GADARK LAB PVT. LTD. MUMBAI

Annexure - II (page 16 to 19)

GADARK LAB PVT. LTD.

INDUSTRIAL ANALYSTS & CONSULTANTS

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Tel.: (022) 2577 7069 / 2577 7070 / 2085 0091 • +91 93213 12367

TEST REPORT

Doc.No : GLPL/QF/7.8/02

Test Report No.	GA/22/02/71	**Test Report Date**	16/02/2022
Customer Name and Address	**M/s. CIPLA LTD.** **D-27, MIDC INDUSTRIAL AREA, KURKUMBH, TAL.- DAUND, DIST.– PUNE**		
Letter Ref / Date	---	**Page No.**	1 of 1
Sampling Done By	GLPL	**Sample Received on**	11/02/2022
Sampling Plan	GLPL/QF/7.3/06	**Analysis Period**	12/02/2022 To 15/02/2022

SAMPLING DETAILS - STACK EMISSION

Stack Attached to	D. G. Set No. 1 1250 KVA (S-6)
Stack Dimension [Mtr.]	0.4
Stack Height [Mtr.]	7.5
Type of Fuel	HSD
Date of Sample collection	10/02/2022
Time of Sampling [Hrs]	11:30
Temperature of flue gas [°C]	369
Average flue gas velocity [m/s]	15.2
Average volume of flue gas discharged [Nm^3/hr]	3187

ANALYSIS REPORT :

Parameters	Unit	D.G. Set No. 1	M.P.C.B. LIMITS	Sampling & Analysis Methods
TPM / SPM	mg/Nm^3	45.3	**≤ 150.0**	IS 11255 (Part I) 1985
Sulphur Dioxide	mg/Nm^3	124.8		IS 11255 (Part II) 1985
	ppm v/v	47.7		
	Kg/day	9.55	**≤ 20.0**	
Oxide of Nitrogen	mg/Nm^3	29.5	**Not Specified**	IS 11255 (Part VII) 2005
CO	mg/m^3	28.6	**Not Specified**	APHA-Edition II-134
CO_2	mg/m^3	109.8	**Not Specified**	APHA-Edition II-134
Combustion Efficiency	%	70.9	---	---

End

For **GADARK LAB PVT. LTD.**

AUTHORISED SIGNATORY
[KAILAS V. CHITALKAR]

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Recognised by Ministry of Environment, Forest and CC, Government of India, vide Gazette Notification No. 3221, dated 24th August 2021, valid upto 15th October 2023. ISO 9001 : 2015 Certified & ISO 45001 : 2018 Certified.

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TEST REPORT

Doc.No : GLPL/QF/7.8/02

Test Report No.	GA/22/02/72	**Test Report Date**	16/02/2022
Customer Name and Address	**M/s. CIPLA LTD. D-27, MIDC INDUSTRIAL AREA, KURKUMBH, TAL.- DAUND, DIST. – PUNE.**		
Letter Ref / Date	---	**Page No.**	1 of 1
Sampling Done By	GLPL	**Sample Received on**	11/02/2022
Sampling Plan	GLPL/QF/7.3/06	**Analysis Period**	12/02/2022 To 15/02/2022

SAMPLING DETAILS - SCRUBBER EMISSION

Stack Attached to	Scrubber No. 201 (API – I) [S–3]
Date of Sample collection	10/02/2022
Time of Sampling [Hrs]	13:30
Duration of Sampling [Min]	15
Ambient Temperature [°C]	31
Flow Rate [LPM]	2
Volume of flue gas sampled [Lit. at 25°C]	39.2

ANALYSIS REPORT :

Parameters	Unit	Scrubber No. 201	M.P.C.B. LIMITS	Sampling & Analysis Methods
Acid Mist as HCl	mg/m^3	4.0	**≤ 35.0**	By Morris B. Jacob
Dimethyl Sulphate	mg/Nm^3	BDL	**Not Specified**	Gas Chromatograph
VOC	mg/Nm^3	BDL	**Not Specified**	NIOSH 1501
Hydrocarbon	ppm	BDL	**Not Specified**	IS 5182 (Part XVII) 1975

BDL – Below Detectable Limit

End

For **GADARK LAB PVT. LTD.**

AUTHORISED SIGNATORY
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TEST REPORT

Doc.No : GLPL/QF/7.8/02

Test Report No.	GA/22/02/73	**Test Report Date**	16/02/2022
Customer Name and Address	**M/s. CIPLA LTD. D-27, MIDC INDUSTRIAL AREA, KURKUMBH, TAL.- DAUND, DIST. – PUNE.**		
Letter Ref / Date	---	**Page No.**	1 of 1
Sampling Done By	GLPL	**Sample Received on**	11/02/2022
Sampling Plan	GLPL/QF/7.3/06	**Analysis Period**	12/02/2022 To 15/02/2022

SAMPLING DETAILS - SCRUBBER EMISSION

Stack Attached to	Scrubber No. 202 (API – I) [S-4]
Date of Sample collection	10/02/2022
Time of Sampling [Hrs]	15:00
Duration of Sampling [Min]	15
Ambient Temperature [°C]	31
Flow Rate [LPM]	2
Volume of flue gas sampled [Lit. at 25°C]	39.2

ANALYSIS REPORT :

Parameters	Unit	Scrubber No. 202	M.P.C.B. LIMITS	Sampling & Analysis Methods
Acid Mist as HCl	mg/m^3	5.3	**≤ 35.0**	By Morris B. Jacob
Dimethyl Sulphate	mg/Nm^3	BDL	**Not Specified**	Gas Chromatograph
VOC	mg/Nm^3	BDL	**Not Specified**	NIOSH 1501
Hydrocarbon	ppm	BDL	**Not Specified**	IS 5182 (Part XVII) 1975

BDL – Below Detectable Limit

End

For **GADARK LAB PVT. LTD.**

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TEST REPORT

Doc.No : GLPL/QF/7.8/02

Test Report No.	GA/22/02/74	**Test Report Date**	16/02/2022
Customer Name and Address	**M/s. CIPLA LTD.** **D-27, MIDC INDUSTRIAL AREA, KURKUMBH,** **TAL.- DAUND, DIST. – PUNE.**		
Letter Ref / Date	---	**Page No.**	1 of 1
Sampling Done By	GLPL	**Sample Received on**	11/02/2022
Sampling Plan	GLPL/QF/7.3/06	**Analysis Period**	12/02/2022 To 15/02/2022

SAMPLING DETAILS - SCRUBBER EMISSION

Stack Attached to	Scrubber No. 401 (API – II) [S-5]
Date of Sample collection	11/02/2022
Time of Sampling [Hrs]	09:30
Duration of Sampling [Min]	15
Ambient Temperature [°C]	30
Flow Rate [LPM]	2
Volume of flue gas sampled [Lit. at 25°C]	39.3

ANALYSIS REPORT :

Parameters	Unit	Scrubber No. 401	M.P.C.B. LIMITS	Sampling & Analysis Methods
Acid Mist as HCl	mg/m^3	2.6	**≤ 35.0**	By Morris B. Jacob
Dimethyl Sulphate	mg/Nm^3	BDL	**Not Specified**	Gas Chromatograph
VOC	mg/Nm^3	BDL	**Not Specified**	NIOSH 1501
Hydrocarbon	ppm	BDL	**Not Specified**	IS 5182 (Part XVII) 1975

BDL – Below Detectable Limit

End

For **GADARK LAB PVT. LTD.**

AUTHORISED SIGNATORY
[KAILAS V. CHITALKAR]

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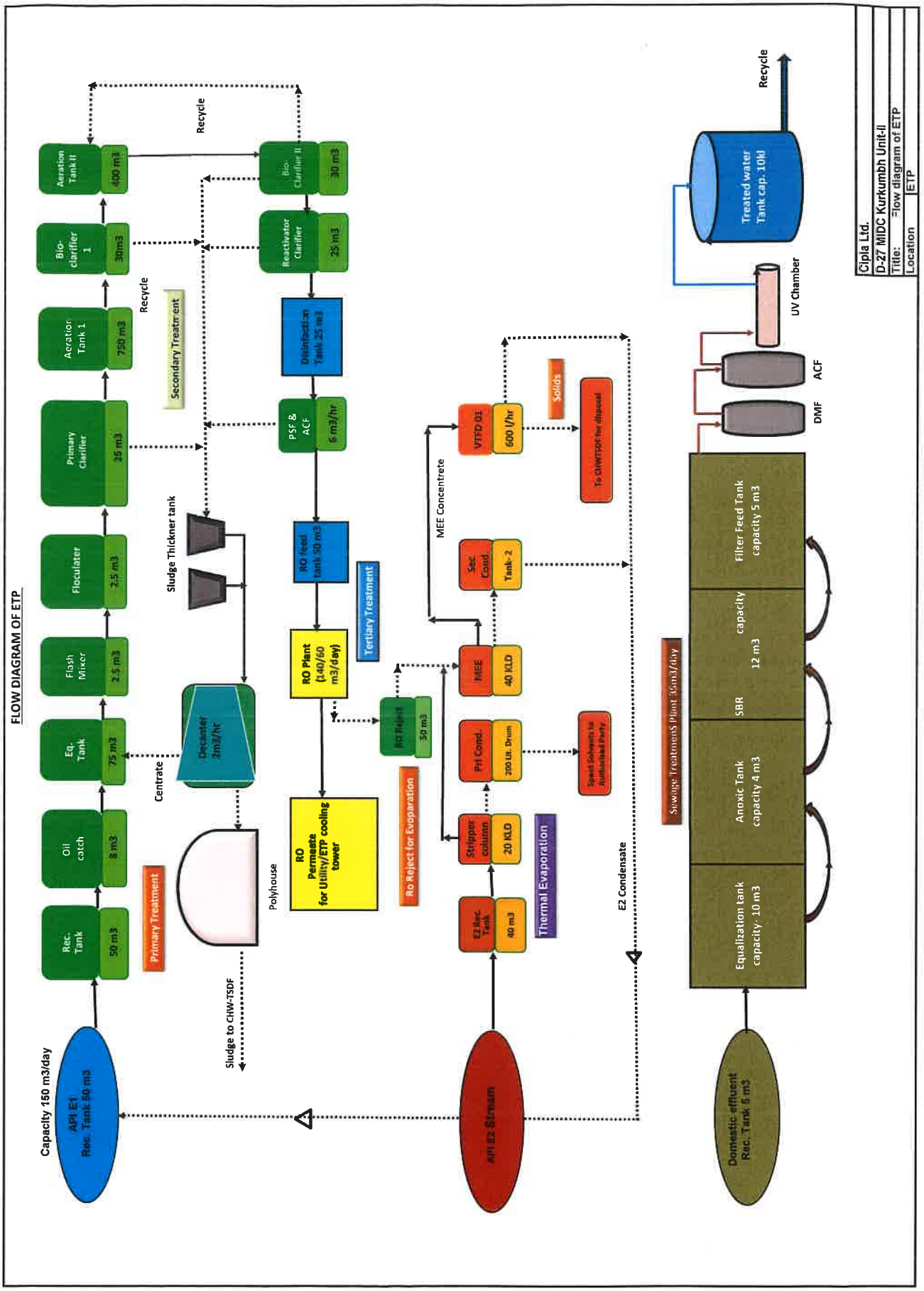
FLOW DIAGRAM OF ETP
Capacity 150 m3/day
API E1 Rec. Tank 50 m3
Rec. Tank
50 m3
Oil catch
8 m3
Eq. Tank
75 m3
Flash Mixer
2.5 m3
Floculater
2.5 m3
Primary Clarifier
25 m3
Aeration Tank 1
750 m3
Bio-clarifier 1
30m3
Aeration Tank II
400 m3
Recycle
Primary Treatment
Secondary Treatment
Centrate
Decanter 2m3/hr
Sludge Thickner tank
Polyhouse
Sludge to CHW-TSDF
Bio-Clarifier II
30 m3
Reactivator Clarifier
25 m3
Disinfection Tank 25 m3
PSF & ACF
6 m3/hr
RO feed tank 50 m3
RO Plant (140/60 m3/day)
RO Permeate for Utility/ETP cooling tower
Tertiary Treatment
RO Reject
30 m3
Ro Reject for Evoparation
API E2 Stream
E2 Rec. Tank
40 m3
Stripper column
20 KLO
PH Cond.
200 Ltr. Drum
MEE
40 KLO
Sec Cond.
Tank- 2
VTFD 01
600 l/hr
MEE Concentrete
Solids
To Chwtsdf for disposal
Spent Solvents to Authorised Party
Thermal Evaporation
E2 Condensate
Domestic effluent Rec. Tank 5 m3
Sewage Treatment Plant 35m3/day
Equalization tank capacity- 10 m3
Anoxic Tank capacity 4 m3
SBR capacity 12 m3
Filter Feed Tank capacity 5 m3
DMF
ACF
UV Chamber
Treated water Tank cap. 10kl
Recycle
Cipla Ltd.
D-27 MIDC Kurkumbh Unit-II
Title: Flow diagram of ETP
Location ETP

Annexure – IV (page 21)

Doc No.. SMS/MEPL/IMS/MKT/PMC
Issue/Rev. No.: 04/00
Rev. Date: 01.02.2017

MAHARASHTRA
ENVIRO POWER LTD

This is to certify that: ***M/S. CIPLA LTD.***
Address : ***UNIT-II, D-27 MIDC Kurkumbh, Tal.-Daund, Dist-Pune*** *a Valid member of CHWTSDF (As per MOU with MIDC & MPCB), at Plot No. P-56, Ranjangaon MIDC, Taluka – Shirur, Pune - 412 220.*

Membership No. : MEPL/33003270

Membership Period: ***02 May 2018*** ***to*** ***01 May 2023***

For Maharashtra Enviro Power Ltd.

Authorized signatory **Marketing Coordinator**

WORLD ENVIRONMENT DAY – 5th JUN

Cipla Celebrate
Cipla
WORLD ENVIRONMENT DAY - 2021
"ECOSYSTEM RESTORATION"

Cipla
Kurkumbh

Financial details:

Table - Environmental Protection Measures

S.No	Description	Capital (Rs. Lakhs)	O & M/A (Rs. Lakhs)
1	APC Equipment: • Installation of MS Stack of Boilers (Ht. 30 M), • MS Stack of Thermopack (Ht. 30 M), \ • MS stack DG set 4 Nos. of Stack (Ht. 30 M) & Scrubbers	85	4
2	Water Pollution Control: • ETP with ZLD • OCMS to ETP	590	75
3	Noise Pollution Control: • Provision of Acoustic enclosures to DG sets, • Boiler room, • Blowers and high noise generating machinery & Barriers	20	2
4	Environmental Monitoring and Management: • Environment monitoring by MOEFCC approved lab • Environment Digital Display Board System at main gate • ETP Laboratory & chemicals	10	3
5	Occupational Health and Safety: • Fire Fighting system • Fire Extinguishers • PPE's • Occupational Health Centre	50	3
6	Green Belt Development: • Avenue • Mass & Shelter belt Plantation	15	1.5
7	Rainwater Harvesting: • Provision of pipes & drains for transportation • filter & collection tanks	35	3.5
8	Hazardous Waste Storage and Disposal	21	3
Total		**826**	**92**

Annexure-VII (page 25 to 27)

GADARK LAB PVT. LTD.

INDUSTRIAL ANALYSTS & CONSULTANTS

LAB.: H-54, Additional M.I.D.C. Kudal, Taluka - Kudal, District - Sindhudurg - 416 525.
Tel. : (02362) 223519 • E-mail : info@gadark.in • Website : www.gadark.in

OFF.: 15, Hindustan Kohinoor Industrial Complex, L.B.S. Marg, Vikhroli (West), Mumbai - 83.
Tel.: (022) 2577 7069 / 2577 7070 / 2085 0091 • +91 93213 12367

TEST REPORT

Doc.No : GLPL/QF/7.8/06

Test Report No.	GA/22/02/77	**Test Report Date**	16/02/2022
Customer Name and Address.	**M/s. CIPLA LTD. D-27, MIDC INDUSTRIAL AREA, KURKUMBH, TAL.- DAUND, DIST. - PUNE.**		
Letter Ref / Date	---	**Page No.**	1 of 1
Sampling Plan	GLPL/QF/7.3/06	**Measurement Done By**	GLPL

AMBIENT NOISE LEVEL MEASUREMENT :

Date of Measurement	10/02/2022
Location	Near Main Gate
Test Method	**GLPL/SOP/AA/17:2014**

Time (Hrs.)	Noise Level dB(A)	Time (Hrs.)	Noise Level dB(A)
06:00	49.6	22:00	49.8
07:00	52.2	23:00	46.2
08:00	53.8	00:00	50.0
09:00	57.9	01:00	47.2
10:00	50.4	02:00	50.0
11:00	47.3	03:00	51.9
12:00	56.0	04:00	53.2
13:00	52.2	05:00	50.2
14:00	54.8	06:00	49.6
15:00	56.0		
16:00	60.6		
17:00	52.2		
18:00	55.0		
19:00	52.6		
20:00	54.1		
21:00	50.0		
22:00	49.8		
Day Time Leq	**54.5**	**Night Time Leq**	**50.2**
M.P.C.B. LIMIT	**75.0**	**M.P.C.B. LIMIT**	**70.0**

End

For **GADARK LAB PVT. LTD.**

AUTHORISED SIGNATORY
[KAILAS V. CHITALKAR]

CHECKED BY

Note :
1. The results relate only to the samples tested.
2. Test Report shall not be reproduced except in full, without written approval of the laboratory.
3. Test Results relate only to the conditions prevailing at the time of sampling.
4. Customer complaint register is available at laboratory.
5. Calibration details of the equipments used in monitoring and / or analysis is back side of analysis report.

GADARK LAB PVT. LTD.

INDUSTRIAL ANALYSTS & CONSULTANTS

LAB.: H-54, Additional M.I.D.C. Kudal, Taluka - Kudal, District - Sindhudurg - 416 525.
Tel. : (02362) 223519 • E-mail : info@gadark.in • Website : www.gadark.in

OFF.: 15, Hindustan Kohinoor Industrial Complex, L.B.S. Marg, Vikhroli (West), Mumbai - 83.
Tel.: (022) 2577 7069 / 2577 7070 / 2085 0091 • +91 93213 12367

TEST REPORT

Doc.No : GLPL/QF/7.8/06

Test Report No.	GA/22/02/78	**Test Report Date**	16/02/2022
Customer Name and Address.	**M/s. CIPLA LTD. D-27, MIDC INDUSTRIAL AREA, KURKUMBH, TAL.- DAUND, DIST. - PUNE.**		
Letter Ref / Date	---	**Page No.**	1 of 1
Sampling Plan	GLPL/QF/7.3/06	**Measurement Done By**	GLPL

NOISE LEVEL MEASUREMENT :

Date of Measurement	10/02/2022
Location	Effluent Treatment Plant Area
Test Method	**GLPL/SOP/AA/17:2014**

Time (Hrs.)	Noise Level dB(A)	Time (Hrs.)	Noise Level dB(A)
06:30	61.2	22:30	50.0
07:30	58.0	23:30	49.8
08:30	55.2	00:30	51.4
09:30	52.9	01:30	50.2
10:30	52.7	02:30	52.4
11:30	50.1	03:30	49.8
12:30	49.0	04:30	50.4
13:30	52.2	05:30	56.9
14:30	50.0		
15:30	52.2		
16:30	51.4		
17:30	50.0		
18:30	48.4		
19:30	52.2		
20:30	51.0		
21:30	52.2		
Day Time Leq	**53.8**	**Night Time Leq**	**52.1**
M.P.C.B. LIMIT	**75.0**	**M.P.C.B. LIMIT**	**70.0**

End

For **GADARK LAB PVT. LTD.**

AUTHORISED SIGNATORY
[KAILAS V. CHITALKAR]

CHECKED BY

Note :
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GADARK LAB PVT. LTD.

INDUSTRIAL ANALYSTS & CONSULTANTS

LAB.: H-54, Additional M.I.D.C. Kudal, Taluka - Kudal, District - Sindhudurg - 416 525.
Tel. : (02362) 223519 • E-mail : info@gadark.in • Website : www.gadark.in

OFF.: 15, Hindustan Kohinoor Industrial Complex, L.B.S. Marg, Vikhroli (West), Mumbai - 83.
Tel.: (022) 2577 7069 / 2577 7070 / 2085 0091 • +91 93213 12367

TEST REPORT

Doc.No : GLPL/QF/7.8/06

Test Report No.	GA/22/02/79	**Test Report Date**	16/02/2022
Customer Name and Address.	**M/s. CIPLA LTD.** **D-27, MIDC INDUSTRIAL AREA, KURKUMBH,** **TAL.- DAUND, DIST. - PUNE.**		
Letter Ref / Date	---	**Page No.**	1 of 1
Sampling Plan	GLPL/QF/7.3/06	**Measurement Done By**	GLPL

NOISE LEVEL MEASUREMENT :

Date of Measurement	10/02/2022
Location	Between D. P. Store & Boiler House Area
Test Method	**GLPL/SOP/AA/17:2014**

Time (Hrs.)	Noise Level dB(A)	Time (Hrs.)	Noise Level dB(A)
06:50	57.2	22:50	49.7
07:50	55.4	23:50	50.0
08:50	52.2	00:50	47.3
09:50	57.9	01:50	50.0
10:50	53.2	02:50	52.2
11:50	56.8	03:50	51.3
12:50	50.0	04:50	50.0
13:50	49.8	05:50	52.2
14:50	52.2		
15:50	57.4		
16:50	52.2		
17:50	50.0		
18:50	49.3		
19:50	50.0		
20:50	52.2		
21:50	51.4		
Day Time Leq	**53.7**	**Night Time Leq**	**50.6**
M.P.C.B. LIMIT	**75.0**	**M.P.C.B. LIMIT**	**70.0**

End

For **GADARK LAB PVT. LTD.**

AUTHORISED SIGNATORY
[KAILAS V. CHITALKAR]

CHECKED BY

Note :
1. The results relate only to the samples tested.
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3. Test Results relate only to the conditions prevailing at the time of sampling
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5. Calibration details of the equipments used in monitoring and / or analysis is back side of analysis report.

Environmental Management Cell

Mr. Mangesh Vaze (Site Head)

↓

Mr. Alipasha Saudagar (Site Unit Head)

↓

Mr. Amar Kudale (Site EHS Head)

↓

Dr. Chandrabhan Chaudhary
(Envirnment site Head)

↓

Mr. Sanjay Mohite
(Environment section Head)

↓

1. Sushil Rananavare
2. Bapu Dendage
3. Ganesh Supe
4. Kiran Shinde
5. Kaliprasad Ningurkar
6. Sunil Salunke

Annexure-IX (page 29)

13/8/2007

Loksatta

जाहीर सूचना

भारत सरकार, वन आणि पर्यावरण मंत्रालय, प्रभाव निर्धारण विभाग, पर्यावरण भवन, सी. जी. ओ कॉम्प्लेक्स, लोदी रोड, नवी दिल्ली यांनी त्यांच्या पत्र क्रमांक J- 11011/ 368 / 2006 -IA-II (I) ,दि.३१ जुलै २००७ द्वारे आमच्या- डी -२७, एम आय डी. सी. इंडस्ट्रियल एरीया, कुरकुंभ, पुणे-४१३ ८०२ महाराष्ट्र, येथील औषधे व मूळ औषधे उत्पादनासाठी पर्यावरण विषयक परवानगी दिली आहे.

सदर पर्यावरण विषयक परवानगी पत्राच्या प्रती आपल्या माहितीसाठी प्रदूषण नियंत्रण मंडळाकडे उपलब्ध आहेत. तसेच वन व पर्यावरण मंत्रालयाच्या या वेबसाईटवर आपण पाहू शकता. http://www.enfor.nic.in

सिप्ला लिमिटेड

डी-२७,म.औ.वि.म.औद्योगिक वसाहत,कुरकुंभ,
पुणे - ४१३ ८०२ महाराष्ट्र

Indian Express

PUBLIC NOTICE

Government of India, Ministry of Environment and Forests, I.A. Division, Paryavaran Bhavan, CGO Complex, Lodi Road, New Delhi, has accorded Environmental Clearance to us, vide their letter No.J-11011/368/2006-IA II (I), Dated 31st July 2007 for Bulk Drug and Formulation unit at D-27, MIDC Industrial Area, Kurkumbh, Pune-413802, Maharashtra.

Copies of the clearance letter are available with Maharashtra Pollution Control Board and may also be seen at website of the Ministry of Environment and Forests at http://www.enfor.nic .in

CIPLA LTD.

D-27, MIDC Industrial Area,
Kurkumbh, Pune-413802, Maharashtra.

Annexure -X (Page 30 to 39)

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: http://mpcb.gov.in
Email: cac-cell@mpcb.gov.in

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

RED/L.S.I (R58)
No:- Format1.0/CAC/UAN No.MPCB-CONSENT-0000118891/CO/2205000394

Date: 07/05/2022

To,
M/s Cipla Limited (Unit-II),
Plot No. D-27, MIDC Kukumbh, Tal. Daund, Dist. Pune.

Your Service is Our Duty

Sub: **Grant of Amendment in existing consent to operate under change in product-mix without change in total production quantity**

Ref:
1. Environment Clearance accorded vide F. No. J-11011/ 368/ 2006-IAII (I) dtd. 31/07/2007.
2. Consent to Operate accorded by the Board vide No. Format1.0/CAC/UAN No.0000090091/CO-2104000668 dtd. 12/4/2021 Valid up to 30/4/2025
3. Minutes of Consent Appraisal Committee meeting held on 09/3/2022

Your application No.MPCB-CONSENT-0000118891 Dated 30.07.2021

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

1. **The consent to operate is granted for a period up to 30/04/2025**
2. **The capital investment of the project is Rs.210.77 Crs. (As per C.A Certificate submitted by industry Existing CI is-Rs. 203.19 Crs + Increase in C.I. - Rs. 7.58 Crs)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
Products					
Anti-Retroviral					
1	Darunavir Ethanolate	3	3	3	MT/A
2	Tenofovir Disoproxil Fumarate	66	50.3	50.3	MT/A
3	Darunavir Hydrate	3	3	3	MT/A
4	Efavirenz	6	8	8	MT/A
5	Atazanavir Sulphate	13	9	9	MT/A
6	Dolutegravir Sodium	1	1	1	MT/A

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
ANTI-INFLAMMATORY/ PROTON PUMP INHIBITORS					
7	Esomeprazole Magnesium Dihydrate	3	3	3	MT/A
8	Esomeprazole Potassium (Intermediate)	6	6	6	MT/A
9	Celecoxib	2	2	2	MT/A
ANTI-DIABETIC					
10	Vildagliptin	2.7	2.7	2.7	MT/A
ANTI-BACTERIAL/ ANTI FUNGAL					
11	Terbinafine Hydrochloride	2	2	2	MT/A
ANTI-PSYCHOTIC/ ANTI CONVULSANT/ ANTI DEPRESSANT					
12	LAMOTRIGINE	9	1	1	MT/A
13	Citalopram Hydrobromide	26	26	26	MT/A
ANTI-HYPERTENSIVE/ ANTI ANGINAL					
14	Trimetazidine Dihydrochloride	6	6	6	MT/A
15	LOSARTAN POTASSIUM	5.2	1	1	MT/A
16	LSR ACID (Intermediate of Losartan)	6	6	6	MT/A
17	Remdesivir	0	2	2	MT/A
18	Amlodipine Besylate	0	3	3	MT/A
19	Omeprazole Sodium	0	1	1	MT/A
20	Omeprazole	0	15	15	MT/A
21	Pantoprazole Sodium sesquihydrate	0	3	3	MT/A
22	Amlodipine Mesylate Monohydrate	0	3	3	MT/A
23	Topiramate	0	1	1	MT/A
24	Lansoprazole	0	1	1	MT/A
25	Nirmatrelvir	0	1	1	MT/A

Maximum 25 Nos. of products shall be manufactured at a time. The overall total production quantity will not exceed 160MTA

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	114.67	As per Schedule-I	Recycle 100% to achieve ZLD
2.	Domestic effluent	35	As per Schedule-I	Recycle 100% to achieve ZLD

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 1 & 2 (2 TPH each)	1	As per Schedule -II

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
2	S-2	Thermopack Boiler	1	As per Schedule -II
3	S-3 to S-5	Process Vents (3 Nos.)	3	As per Schedule -II
4	S-6	DG Set (1250 KVA)	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Wooden Scrap, Glass Scrap, Plastic Scrap, Metal Scrap	125	MT/A	Sale	Sale to authorized party

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

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	0.2	KL/M	Incineration/ Recycle	Sale to authorised party / CHWTSDF
2	28.1 Process Residue and wastes	30	MT/M	Incineration/ Recycle	Sale to authorised party / CHWTSDF
3	28.2 Spent catalyst	0.030	MT/M	Landfill	CHWTSDF
4	28.3 Spent carbon	0.095	MT/M	Incineration	CHWTSDF
5	28.4 Off specification products	0.5	MT/M	Incineration	CHWTSDF
6	28.5 Date-expired products	1.0	MT/M	Incineration	CHWTSDF
7	28.6 Spent organic solvents	378.5	KL/M	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
8	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	200	No/M	Recycle*	Sale to authorised party
9	35.3 Chemical sludge from waste water treatment	15	MT/M	Landfill	CHWTSDF
10	37.1 Sludge from wet scrubbers	0.025	MT/M	Landfill	CHWTSDF
11	37.3 Concentration or evaporation residues	48	MT/M	Landfill	CHWTSDF

*** Sale to Authorized Party having permission under Rule 9 of H & OW**

8. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.

9. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
10. Industry shall comply with the conditions stipulated in the Environment Clearance accorded vide F. No. J-11011/ 368/ 2006-IAII (I) dtd. 13/07/2007 and and ensure display/upload of six-monthly compliance monitoring report on their official website
11. Industry shall operate and maintain ETP and 100% recycle of treated effluent for secondary purposes like cooling tower make up, fire-fighting, plant washing etc. to achieve Zero liquid discharge.
12. PP shall ensure the connectivity of IP Camera with night vision at all the time to MPCB/ CPCB Servers.
13. Industry should not manufacture any other product for which permission is not granted by the Board
14. This consent is issued pursuant to the decision of Minutes of the Meeting of Technical Committee for change in product mix Dated. 19/2/2022 & 22/2/2022. This Consent is issued based on self-assessment of Pollution Load submitted by you in Board's prescribed format and Certificate of "No Increase in pollution load" issued by empaneled auditors. If any violation and / or submission of misleading information are noticed, then the consent issued will stand automatically cancelled and you have to follow the procedure of EIA Notification, 2006 and Amendments thereof for obtaining Environmental Clearance
15. This consent is issued with overriding effect on earlier Consent to Operate granted by the Board vide no. Format 1.0/CAC/UAN No. 0000090091/CO2104000668 dated 12/4/2021
16. This consent is issued as per the minutes of Consent Appraisal Committee meeting held on 09/3/2022

1cd8abc4
39eb9b0a
95943d1f
3ac1c010
b274b7df
ef60d0cb
9344b4bb
56ae6c22

Signed by: Ashok Shingare
Member Secretary
For and on behalf of,
Maharashtra Pollution Control Board
ms@mpcb.gov.in
2022-05-07 19:11:43 IST

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	421540.00	MPCB-DR-7893	29/09/2021	NEFT
2	25000.00	MPCB-DR-8365	18/10/2021	NEFT

Copy to:

1. Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pune I
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB,Sion, Mumbai
3. CC-CAC Desk- for record & website updating purpose.

SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A] As per your application, you have segregated trade effluent into weak stream & strong stream and provided Effluent Treatment Plant (ETP) comprising of:

   i) Strong COD/TDS stream of 15 CMD - Treatment system comprising of Primary (Primary after stmt) , Multi effect evaporator (3 stage) followed by ATFD. The MEE condensate is treated in weak stream ETP.

   ii) Weak COD/TDS stream of 99.67 CMD - Treatment system comprising of Primary (Collection tank, Neutralization tank, Equalization tank, Flash mixer, Primary Clarifier/Primary Settling Tank), Secondary (Activated sludge process), Tertiary (Pressure sand filter, Activated carbon filter), Advance treatment (Reverse osmosis, Multi Efflective Evaporator (stage), ATFD) with design capacity of 150 CMD.

   B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent and recycle the entire treated effluent into the process for various purposes such as for cooling, process & Scrubbing with metering system so as to achieve Zero Liquid Discharge. There shall be no discharge on land or outside factory premises.

   C] The Industry shall ensure connectivity online monitoring system to the MPCB server including separate energy meter for pollution control system.

2. A] As per your application, primary treated sewage connected to Effluent Treatment Plant for further treatment & disposal.

   B] Industry shall comply prescribed standards & disposal path as prescribed at Sr. No. 1B of schedule I.

3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification 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	70.00
2.	Domestic purpose	45.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	129.57
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	20.00

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
5.	Gardening	35

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 1 & 2 (02 TPH each)	Stack	30.00	PNG 3.4 SCM/Hr	-	NOx	50 Mg/Nm^3
						TPM	150 Mg/Nm^3
				LSHS 5.12 KL/D	1	SO2	3.41 Kg/Day
S-2	Thermopack (2.0 Lakh kl/hrs)	Stack	30.00	Diesel 7.5 KL/M	1.0	TPM	150 Mg/Nm^3
						SO2	5 Kg/Day
S-3	API-I Production Block Process Vent No. 201	Scrubber	10.00	-	-	Acid Mist	35 Mg/Nm^3
S-4	API-I Production Block Process Vent No. 202	Scrubber	10.00	-	-	Acid Mist	35 Mg/Nm^3
S-5	API-I Production Block Process Vent No. 401	Scrubber	10.00	-	-	Acid Mist	35 Mg/Nm^3
						Dimethyl Sulphate	-
S-6	DG Set	Acoustic Enclosure	7.50	HSD 30 KL/M	1.0	TPM	150 Mg/Nm^3
						SO2	20 Kg/Day

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

5. Solvent Management shall be carried out as follows:

a. Reactors shall be connected to Water / Chilled Water /Brine Condenser system.

b. Reactors and solvent handling pumps shall have mechanical seals to prevent the leakages.

c. The condensers shall be provided with adequate Heat transfer area (HTA) and residence time so as to achieve more than 97% overall recovery

d. Solvents shall be stored in a separate space specified with all safety measures.

e. Proper earthing shall be provided in all the equipment's, wherever solvent handling is done.

f. Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.

g. All the solvent storage tanks shall be connected with vent condensers with Water / chilled water / Brine circulation.

h. Fugitive emissions shall be controlled at 99.95% with effective chillers.

i. Solvent transfer shall be through pump.

j. Metering and control of quantities of active ingredients to minimize wastes.

k. Use of automatic filling to minimize spillage.

l. Use of close feed system into batch reactors.

m. Venting equipment through vapour recovery system.

SCHEDULE-III

Details of Bank Guarantees:

Sr. No.	Consent (C2E/ C2O /C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C2R	25 Lakh	15 Days	Towards O & M of pollution control system & compliance of consent to operate	30.04.2025	31.08.2025

****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.