

Letter No: Cipla/21-22/32

Date: 17.11.2022

To,
Ministry of environment, forest & climate change,
Regional Office (Southern Zone),
Kendria sadan, IVth floor, E&F wings, 17th Main road,
IInd Block, Koramangala,
BANGALORE - 560034.

Sub: Proposed change in Product Mix for "Bulk Drugs and intermediates "at Sy. No.30/1,30/2,30/3,30/04,31/1,31/2,39/1,39/2,40/1, Virgonagar industrial area, old madras Road, Virgonagar, Bengaluru East taluk, Bengaluru district & Karnataka by M/s Cipla Ltd. Half yearly EC compliance report.

Ref: No. SEIAA 30 IND 2020 issued on Dated 11.08.2020

Dear Sir/Madam,

With reference to the above subject, please find enclosed half yearly EC compliance report for the year of April - 2022 to September - 2022.

This is for you Kind perusal.

Thanking you,
Yours faithfully,
For CIPLA LIMITED.

DANIEL BOPPURI
SENIOR DIRECTOR

Cc: The Regional Officer,
Bangalore East-1KSPCB, 3rd Floor, Nisarga Bhavan, Thimmaiah road, 7th 'D' cross,
Shivanagar BANGALORE - 560010.

Cc: The Member Secretary
Karnataka State Pollution Control Board, Parisara Bhavan, 4th & 5th Floor,
Church Street BANGALORE – 560001.

CC: The Regional Officer,
CPCB Zonal office, Bangalore East-1KSPCB, 1st Floor, Nisarga Bhavan, Thimmaiah road, 7th 'D' cross, Shivanagar,

Cipla Ltd.

Virgonagar, Old Madras Road, Bangalore - 560 049, India.
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ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY – KARNATAKA
(CONSITUTED BY MOEF, GOVERNMENT OF INDIA, UNDER SECTION 3(3) OF E (P), ACT 1986)
NO. SEIAA 30 IND 2020 Dated :11-08-2020

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I.	Statutory compliance	Compliance
i.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.	Not applicable.
ii.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not applicable.
iii.	The project proponent shall prepare a Site- Specific Conservation plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan/Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-1 species in the study area).	Not applicable.
iv.	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned state pollution Control Board/Committee.	AW-325339 Valid up to: 30/06/2026
v.	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	Authorization No: 326736 Valid up to : 30./06/2026
vi.	The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989	Noted and are being complied

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II.	Air quality monitoring and preservation	
i.	The project proponent shall install 24*7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment(Protection)Rules 1986 and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection)Act 1986 or NABL accredited laboratories.	Installed online VOC analyzers. (Photographs enclosed as Annexure-I).
ii.	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act,1986.	In order to control fugitive emissions materials/chemicals are handled in close system. Suitable dust extractor and collection systems provided in Powder Processing areas. All emissions are within stipulated limits. (Indoor air quality monitoring report enclosed as Annexure-II).
iii.	The project proponent shall install system to carryout Ambient Air Quality monitoring for common / criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each), covering upwind and downwind directions.	Presently we are monitoring Ambient air quality monthly through NABL approved Laboratory. Further, we have installed online monitoring system for PM10 and PM2.5 in reference to PM emission, and SO2 and NOX. (Photographs enclosed as Annexure-III). Connected to PCB server.
iv.	To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and / or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in fired boilers to control particulate emissions within	In order to control the fugitive emissions following facility available at site 1.We have close loop handling system for chemicals. 2. We have

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	permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB / SPCB guidelines.	preventive maintenance schedule for all the equipment's installed at site for addressing the issues of leakages & repairs. 3. Adequate stack height is provided for all the DG sets, boilers and process vents. Similarly, suitable acoustic enclosures are provided for DG sets.
v.	Storage of raw materials, coal etc. shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	Raw materials segregated and stored in a closed system, close loop solvent batching system for charging liquid and Powder Transfer Systems (PTS) are installed for solid materials to avoid fugitive emissions.
vi.	National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July 2010 and amended from time to time shall be followed.	Complied, National Emission Standards are being followed and accordingly regular monitoring of Ambient Air & Effluent is being done.
vii.	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826 (E) dated 16th November 2009 shall be complied with.	The National ambient Air quality emission standards are being followed and accordingly monitored. NAAQ Annexure -IV.
III.	Water quality monitoring and preservation	
i.	The project proponent shall provide online continuous monitoring of effluent the unit shall install web camera with night vision capability and flow meters in the channel / drain carrying effluent within the premises (applicable in case of the projects achieving ZLD)	Plant is already following 'Zero liquid discharge (ZLD) norms. PTZ camera installed at effluent inlet and treated water outlet with flow meters same connected to CPCB.
ii.	As already committed by the project proponent, Zero Liquid Discharge shall be ensured, and no waste / treated water shall be discharged outside the premises (applicable in case of the projects achieving the ZLD).	We have ZLD facility..

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iii.	The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air / Water Act, whichever is more stringent.	We are monitoring the treated effluent quality and the parameters are well within the prescribed limits. Analysis of the treated water report enclosed as Annexure-V .
iv.	Total fresh Water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior Permission shall be obtained from the concerned regulatory authority / CGWA in this regard.	Noted & Shall be complied.
v.	Process effluent / any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.	Noted and shall be followed. Storm water drain constructed, and it is ensured that wastewater is not mixing.
vi.	The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.	Noted and shall be complied.
vii.	The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extent regulations and the guidelines in this regard.	Adequate stack height is provided for all the DG sets and Similarly suitable acoustic enclosures are provided for DG sets.
IV.	Noise monitoring and prevention	
i.	Acoustic enclosure shall be provided to DG set for controlling the noise pollution.	Acoustic enclosures are provided.
ii.	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	Noted and being followed.
iii.	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.	Noted and being followed, Noise level reports attached as Annexure -VI .

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V.	Energy Conservation measures	
i.	The energy sources for lighting purpose shall preferably be LED based.	Noted & implemented. ISO 50001 energy Management System is implemented at Site.
VI.	Waste management	
i.	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.	Noted. Flame arresters are provided.
ii.	Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.	Shall be complied as per the provisions of Hazardous Waste Management Rules. We have the agreement with ACC cement industry for organic residue and spent carbon disposal.
iii.	The company shall undertake waste minimization measures as below: -	
a.	Metering and control of quantities of active ingredients to minimize waste.	All measurable instruments are available at the facility; Batch wise quantity is closely monitored.
b.	Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.	Noted, there is no such kind of byproducts generated while manufacturing APIs. Continues efforts are done to optimize raw material consumption and to get maximum yield.
c.	Use of automated filling to minimize spillage.	Solvent Batching System in place.
d.	Use of Close feed system into batch reactors.	Powder Transfer System (PTS) and closed loop pipe line systems (solvent batching system) are installed at batch reactors.
e.	Venting equipment through vapor recovery system.	Vapors are vented through vapor recovery systems such as primary and secondary condensers.

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f.	Use of high pressure hoses for equipment clearing to reduce wastewater generation.	Being followed.
VII.	Green Belt.	
i.	The green belt of 5 - 10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along roadsides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.	Complied, we have more than 33% green belt at site. Continual efforts are put to increase the Green Belt. Photographs enclosed as per Annexure-VII.
VIII.	Safety, public hearing and Human health issues	
i.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Management plan shall be implemented.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Management plan are being implemented.
ii.	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms.	The unit will make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system will be as per the norms.
iii.	The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	The Personal Protection Equipment (PPE) has been provided as per the norms of Factory Act.
iv.	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.	Noted. Pre-employment and routine periodical medical examinations for all employees are being done. Trainings are being imparted on regular basis.
v.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be	Noted. At present, product mix change is done within the existing facility, no construction activities involved in the project.

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	in the form of temporary structures to be removed after the completion of the project.	
vi.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Being Complied.
vii.	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.	Noted and Complied.
IX.	Corporate Environment Responsibility	
i.	The project authorities shall undertake activities under Corporate Environmental Responsibility (CER) with a total cost of not less than Rs.1.5 Lakhs towards CM Cares funding accordance with O.M.F. No.22-65/2017-IA.III dated 01st May 2018 and report be submitted to the Authority.	Noted, shall be complied.
ii.	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements / deviation / violation of the environmental / forest/ wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest/ wildlife norms/ conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF & EC as a part of six-monthly report.	We have Environment, Health & safety Policy approved by the Board of Directors displayed near the main gate of the factory. We strictly abide by the policy and employee are well aware of the same.
iii	A Separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	A separate Environmental Cell both at the project and company head quarter level have been formed.

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iv.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry / Regional Office along with the Six-Monthly Compliance Report.	Noted and being complied.
v.	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Noted and being followed.
X.	Miscellaneous	
i.	Effort shall be made to replace Hexane, Toluene and Bromine by alternatives as per the SEAC condition.	Noted. We will put our effort to replace Hexane & Toluene. However, Bromine is not used in the process.
ii.	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District of the State, of which one shall be in vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	Complied, enclosed Annexure-VIII.
iii.	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of Local bodies, panchayats and Municipal bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Submitted to directed offices, enclosed as Annexure-VIII.
iv.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on	Noted and being complied.

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	their website and update the same on half-yearly basis.	
v.	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOX (ambient levels as well as emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	Noted and complied.
vi.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environmental clearance portal.	Noted and being complied.
vii.	" The HYCRs with its content of covering letter, compliance reports, and environmental monitoring data has to be in PDF format merged into a single document. The email should clearly mention the name of project, EC No and date, period of submission and to be sent to the Regional Office of MOEF and CC by email only at email ID ros2.bng-mefcc@gov.in Hard copy of HYCRs shall not be acceptable ".	Noted.
viii.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Noted and being complied.
ix.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Noted.

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x.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted and being complied.
xi.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Noted and being complied.
xii.	No further expansion or modifications in the plant shall be carried out without prior approval of this Authority or the Ministry of Environment, Forests, and Climate Change (MoEF & EC)	Noted and being followed.
xiii.	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act 1986.	Noted.
xiv.	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted.
xv.	The SEIAA reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted.
xvi.	The Regional Office of MoEF & CC shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) of the Regional Office by furnishing the requisite data information/monitoring reports.	Noted and being complied.
xvii.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of pollution) Act 1981, the Environment (Protection) Act, 1986, Hazardous and Other Waste (Management and Transboundary Movement)	Noted.

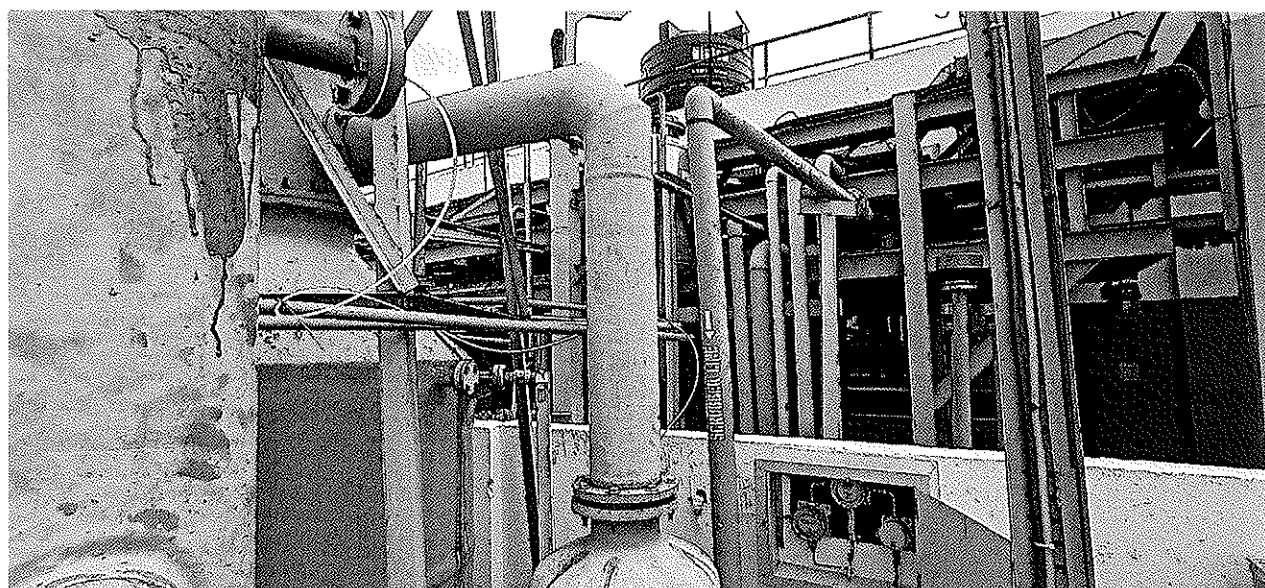
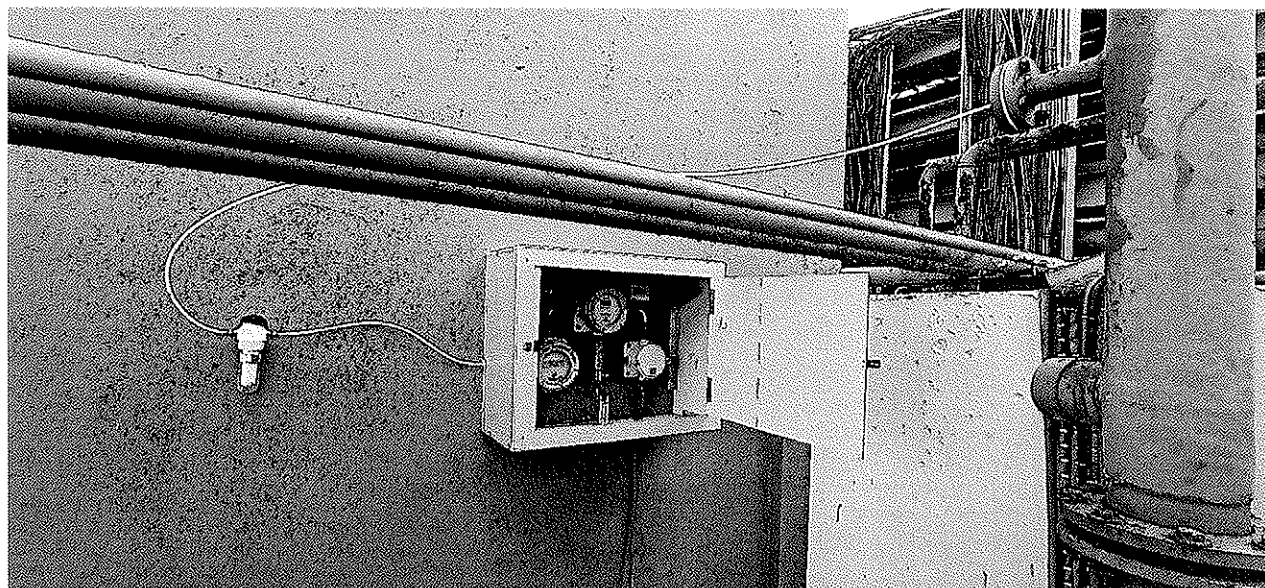
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ANNEXURE-I

Online VOC analyzers



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ANNEXURE-IIIndoor air quality Monitoring Details (Fugitive Emission monitoring)

Monitoring period April 2022 to September 2022					
Area	Parameter	Unit	MIN	MAX	AVG
Production area-1 SYN- 7	PM-RSPM	µg/m ³	2.8	8.7	5.54
	Sox	PPM	0.5	2.4	1.47
	Nox	PPM	1.7	3.8	2.69
	H ₂ S	PPM	BDL	BDL	BDL
Production area-2 API-III	PM-RSPM	µg/m ³	6.1	9.3	7.44
	Sox	PPM	1	2.1	1.51
	Nox	PPM	1.9	3.5	2.74
	H ₂ S	PPM	BDL	BDL	BDL

Cipla

Bangalore

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ANNEXURE-III

CONTINUOUS AMBIENT AIR QUALITY MONITORING SYSTEM & LED DISPLAY BOARD



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ANNEXURE-IVAmbient air Quality Details:

Ambient air station	SL. NO	Parameter	Units	NAAQ Standards	April -2022 to September -2022		
					Min	Max	Average
Near Security 2 nd Gate	1	Particulate matter - PM ₁₀	µg/m ³	100.0	44.4	60.2	51.70
	2	Particulate matter - PM _{2.5}	µg/m ³	60.0	15.2	27.5	20.90
	3	Sulphur Dioxide	µg/m ³	80.0	4.7	14.7	8.90
	4	Nitrogen Dioxide	µg/m ³	80.0	10.3	20.6	15.00
	5	Lead, (pb)	µg/m ³	1.0	0	0	0.00
	6	Carbon Monoxide (CO)	µg/m ³	2.0	0.5	0.8	0.70
	7	Ammonia, (NH ₃)	µg/m ³	400.0	17.1	22.8	20.00
	8	Benzene, (C ₆ H ₆)	µg/m ³	5.0	0	0	0.00
	9	Benzo(a)pyrene, (BaP)	µg/m ³	1.0	0	0	0.00
	10	Arsenic, (As)	µg/m ³	6.0	0	0	0.00
	11	Nickel, (Ni)	µg/m ³	20.0	0	0	0.00
	12	Ozone(O ₃)	µg/m ³	180.0	7.6	12.9	10.20
	13	Hydrogen Sulphide(H ₂ S)	ppm	—	1.1	2.6	1.70

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Ambient air station	SL. NO	Parameter	Units	NAAQ Standards	April -2022 to September -2022		
					Min	Max	Average
Synthetic-7 Back Side	1	Particulate matter - PM ₁₀	µg/m ³	100.0	35.5	52.4	41.90
	2	Particulate matter - PM _{2.5}	µg/m ³	60.0	16.9	28.3	21.55
	3	Sulphur Dioxide	µg/m ³	80.0	5.2	11.5	7.37
	4	Nitrogen Dioxide	µg/m ³	80.0	10.3	18.7	13.50
	5	Lead, (pb)	µg/m ³	1.0	0	0	0.00
	6	Carbon Monoxide (CO)	µg/m ³	2.0	0.4	0.7	0.55
	7	Ammonia, (NH ₃)	µg/m ³	400.0	18.1	22.3	20.25
	8	Benzene, (C ₆ H ₆)	µg/m ³	5.0	0	0	0.00
	9	Benzo(a)pyrene, (BaP)	µg/m ³	1.0	0	0	0.00
	10	Arsenic, (As)	µg/m ³	6.0	0	0	0.00
	11	Nickel, (Ni)	µg/m ³	20.0	0	0	0.00
	12	Ozone(O ₃)	µg/m ³	180.0	9.2	12.4	10.78
	13	Hydrogen Sulphide(H ₂ S)	ppm	—	1.1	2.1	1.50

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Ambient air station	SL. NO	Parameter	Units	NAAQ Standards	April -2022 to September - 2022		
					Min	Max	Average
Near Security 3rd Gate	1	Particulate matter - PM ₁₀	µg/m ³	100.0	40	55.7	48.88
	2	Particulate matter - PM _{2.5}	µg/m ³	60.0	16.7	26.1	22.00
	3	Sulphur Dioxide	µg/m ³	80.0	7.3	10.4	8.43
	4	Nitrogen Dioxide	µg/m ³	80.0	11.2	15.2	12.75
	5	Lead, (pb)	µg/m ³	1.0	0	0	0.00
	6	Carbon Monoxide (CO)	µg/m ³	2.0	0.3	0.8	0.62
	7	Ammonia, (NH ₃)	µg/m ³	400.0	14	22.7	18.98
	8	Benzene, (C ₆ H ₆)	µg/m ³	5.0	0	0	0.00
	9	Benzo(a)pyrene, (BaP)	µg/m ³	1.0	0	0	0.00
	10	Arsenic, (As)	µg/m ³	6.0	0	0	0.00
	11	Nickel, (Ni)	µg/m ³	20.0	0	0	0.00
	12	Ozone(O ₃)	µg/m ³	180.0	6.2	12.9	9.52
	13	Hydrogen Sulphide(H ₂ S)	ppm	—	1.3	2.3	1.82

ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT

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Ambient air station	SL. NO	Parameter	Units	NAAQ Standards	April -2022 to September - 2022		
					Min	Max	Average
Near Car Parking Area	1	Particulate matter - PM ₁₀	µg/m ³	100.0	32	48.5	39.43
	2	Particulate matter - PM _{2.5}	µg/m ³	60.0	13.5	25.3	18.87
	3	Sulphur Dioxide	µg/m ³	80.0	5	13	8.08
	4	Nitrogen Dioxide	µg/m ³	80.0	8	17.8	10.92
	5	Lead, (pb)	µg/m ³	1.0	0	0	0.00
	6	Carbon Monoxide (CO)	µg/m ³	2.0	0.3	0.9	0.52
	7	Ammonia, (NH ₃)	µg/m ³	400.0	17.1	22.1	20.18
	8	Benzene, (C ₆ H ₆)	µg/m ³	5.0	0	0	0.00
	9	Benzo(a)pyrene, (BaP)	µg/m ³	1.0	0	0	0.00
	10	Arsenic, (As)	µg/m ³	6.0	0	0	0.00
	11	Nickel, (Ni)	µg/m ³	20.0	0	0	0.00
	12	Ozone(O ₃)	µg/m ³	180.0	8.7	12.4	10.50
	13	Hydrogen Sulphide(H ₂ S)	ppm	—	1.1	1.7	1.35

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ANNEXURE-V

Treated water Analysis report from April -2022 to September -2022

Particulars	SL. NO	Parameter	Units	Limits	April -2022 to September -2022		
					Min	Max	Avg
ETP Treated water	1	PH Value	-	6.0-8.5	6.86	7.6	7.34
	2	Colour	-	Agreeable	0	0	0
	3	Odour	mg/L	UO	0	0	0
	4	Conductivity	µs/Cm	2250 Max	177.5	1000	729.67
	5	Total Dissolved Solids	mg/L	2100 Max	94.2	626.4	420.43
	6	Chlorides as CL	mg/L	1000	6.5	107	67.02
	7	Chemical Oxygen Demand - COD	mg/L	250 Max	11.6	38.8	24.45
	8	Biochemical Oxygen Demand - BOD (3 Days at 27°C)	mg/L	100 Max	1.4	9.3	6.15
	9	Total Suspended Solids	mg/L	100 Max	0.6	2.4	0
	10	Oil & Grease	mg/L	10 Max	0	0	0
	11	phosphate as PO ₄	mg/L	5 Max	0.1	0.9	0
	12	Sulphide as S ₂	mg/L	2 Max	0.5	2	0
	13	Phenolic Compound as C ₆ H ₅ OH	mg/L	1 Max	0	0	0
	14	Bioassay	%	90% survival of fish after first 96 hrs in 100% effluent	90% survival of fish after first 96 hrs in 100% effluent	90% survival of fish after first 96 hrs in 100% effluent	90% survival of fish after first 96 hrs in 100% effluent
	15	Arsenic as As	mg/L	0.2 Max	0	0	0
	16	Lead as pb	mg/L	0.1 Max	0	0	0
	17	Cyanide as Cn	mg/L	0.1 Max	0	0	0
	18	Mercury as Hg	mg/L	0.01 Max	0	0	0
	19	Total Chromium as Cr	mg/L	0.1	0	0	0

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ANNEXURE-VI

Noise level details (Day time & Nighttime) given below:

S.no	Area	Noise levels in dB(A) (Day time)			Noise levels in dB(A) (Nighttime)		
		Maximum	Minimum	Average	Maximum	Minimum	Average
1	Near security Gate-2	74.4	66.6	70.5	67	57.5	62.3
2	Near API- V	73.4	63.9	68.6	63.6	54.3	58.9
3	Near ETP LAB	74	65.2	69.6	65.3	53.1	59.2
4	Near security Gate-3	74	68.3	71.2	69	59.5	64.2

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ANNEXURE - VII**Green Belt Development**

Cipla is well maintained plant in terms of good Housekeeping & greenery. Plant designed in such a way that the transportation of solid material is done in closed container and liquid transferred using closed piping system. Plant designed with clear demarcation of manufacturing area and Offices. Tremendous efforts is put in to maintain cleanliness inside plant. Internal roads are made of tar & also made in some areas concrete ground fugitive emissions being regularly controlled by regular sweeping of roads.

The company has developed & maintained more than 33% of lush green belt around the boundary & also maintained a good garden inside the premises on the available open area.



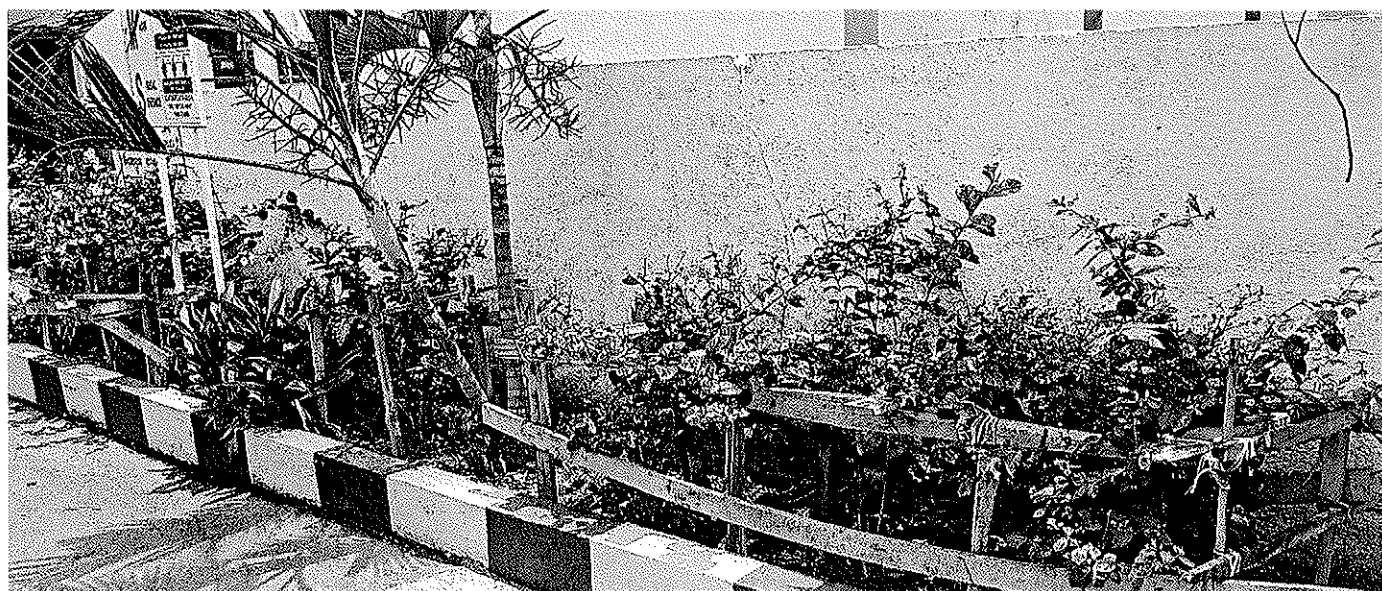
Cipla

Bangalore

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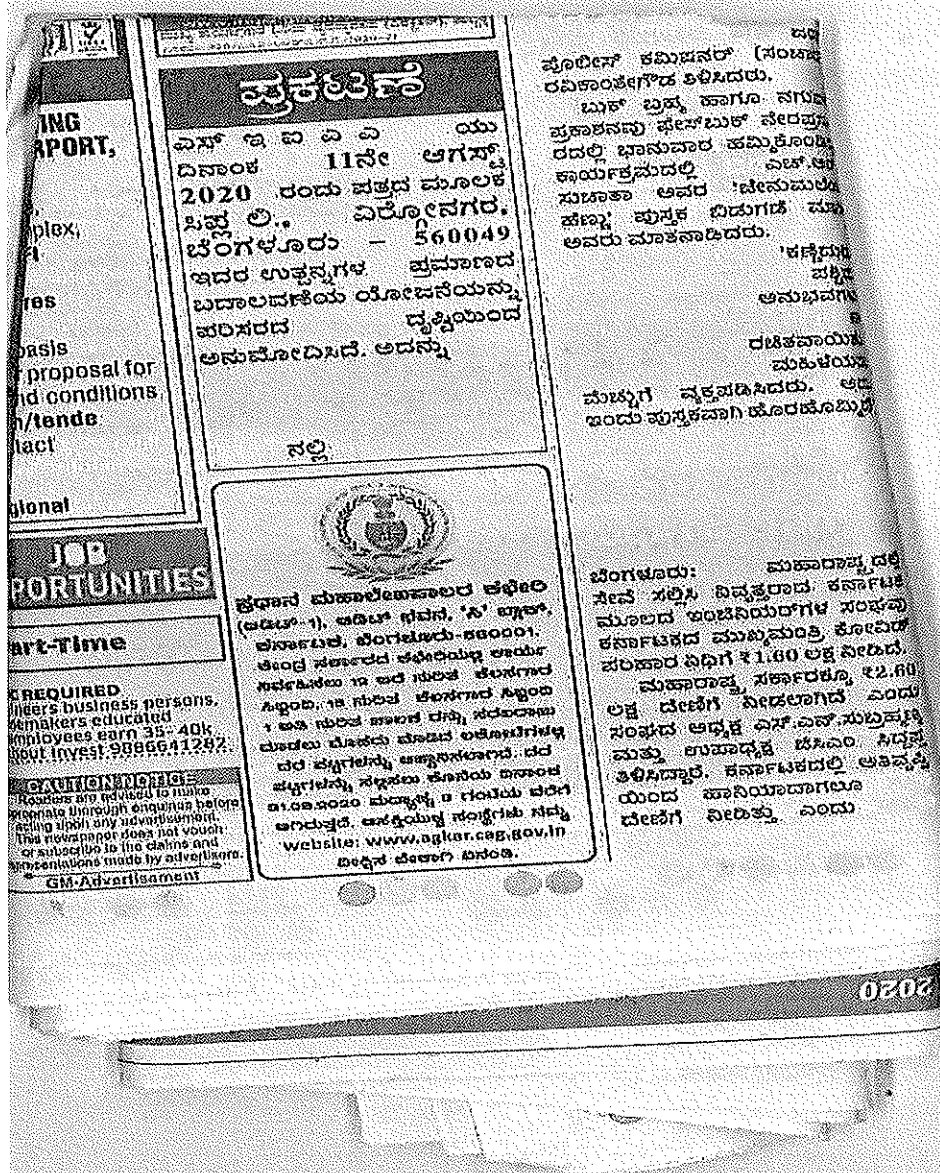
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ANNEXURE-VIII

Kannada Daily-Prajavani dated 17.08.2020



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English Daily-Deccan Herald dated 17.08.2020

