

No: CIP/MOEF/2022/05/04

Date: 12.05.2022

To, **Director (S)**

Ministry of Environment & Forests Regional Office (Southern Zone) Kendriya Sadan, 4th Floor, E&F Wings, 17th Main Road, 2nd Block, Koramangala, Bangalore-560034.



Dear Sir/Madam,

Subject: Submission of half yearly point wise compliance report to conditions of Environmental Clearance for the period of October - 2021 to March - 2022

Reference: 1. EC No: F.No J-11011/382/2019-IA-II (I)]

With reference to the above subject, we are hereby submitting Biannual (October – 2021 to March-2022) compliance report of stipulated conditions for Environmental Clearance granted to M/s Cipla Limited, Plot No 285, 286 and 287, Bommasandra Jigani Link Road, KIADB industrial area, 4th Phase, Bangalore 560105 as per the above reference. Kindly accept and acknowledge the receipt of the same.

Thanking you

Sincerely Yours
For Cipla Limited

Pradeep Gupta (Site Head) CENTRAL POLLUTION CONTROL BUAND MINISTRY OF ENVIRONMENT FORESTS & CLIMATE CHANGE, GOVT. OF INDIA REGIONAL DIRECTORATE (SOUTH) 1ST & 2ND FLOOR, "NISARGA BHAVAN" 7TH D' MAIN THIMMAIN BOAD

7TH D'MAIN, THIMMAIAH ROAD. SHIVANASAR BENSALURI - FROAT

16-5-2-22 GZ.V

Copy to: 1. The Regional Officer, Anekal Region, Nisarga Bhavan, Bangalore.

- 2. The Regional Officer, CPCB Zonal office, 1st floor Nisarga Bhavan, Bangalore.
- 3. The Member Secretary, Karnataka State Pollution Control Board, 'Parisara Bhavan' 5th floor, Church Street, Bangalore-560001

Cipla Ltd.

100% EOU, Plot No. 285, 286 & 287, Bommasandra-Jigani Link Road Industrial Area, KIADB 4th Phase, Jigani Post, Bangalore - 560 105
P +91 80 22059200 F +91 80 22059220 E-Mall adminbms@cipla.com

POINTWISE COMPLAINCE TO ENVIRONMENTAL CLEARANCE (EC No: F.No J-11011/382/2019-IA-II (I)| CONDITIONS ISSUED TO M/s CIPLA LIMITED

Compliance report for the period - October-2021 to March- 2022

Sl.No	CONDITIONS	COMPLIANCE STATUS
A	SPECIFIC CONDITIONS	
1	The project proponent shall obtain wildlife clearance from standing committee NBWL, if applicable as the project site is located at the distance 5.6 Km from Bannarghatta National Park.	Complied. Approval taken from the Chief Wildlife Warden, Government of Karnataka regarding impact of the project on the Bannergatta National Park. Copy of the same is submitted to the Ministry.
2	Necessary permission as mandated under the (Water Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, shall be obtained from time to time from State Pollution Control Board.	Complied We have received Consent to Establish Expansion under (Water Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981. We had valid CFO are in place Consent No AW-327994 Valid up to 30/06/2026
3	As already committed buy the project proponent, zero liquid discharge shell be ensured, and no waste/ treated water Shell be discharge outside the premises.	Complied. Already site is having a zero liquid discharge facility which is fully operational. LOW TDS and High TDS effluent steams are segregated at source. • Low TDS effluent stream is treated in Conventional Activated sludge process with Extended Aeration followed by Reverse Osmosis. • High TDS effluent is treated in Stripper/Three effect forced circulation Multiple Effect

		 Evaporator followed by Agitated Thin film dryer (ATFD). There is no waste /Treated water discharge the outside the premises. Effluent Treatment Plant Flow Scheme Attached Annexure-1
4	Necessary authorization required under the Hazardous and Other Wastes (Management and Trans-Boundary movement) Rules, 2016, Solid Waste Management Rules 2016 shall be obtained, and the provisions contained in the rules shall be strictly adhered to.	Complied. Hazardous waste management is strictly followed as per Hazardous and other Wastes (Management, and Transboundary Movement) Rules, 2016 All conditions stipulated in Hazardous Authorization issued by KSPCB are adhered to.
5	National Emission Standards for Pharmaceutical Industry (Bulk Drugs) issued by the Ministry vide G.S.R.149(E) dated 4th March 2009 and amended from time to time shall be followed Fugitive emission shall be controlled at 99.98% with effective chillers.	These standards are Applicable to incineration facility. We don't have inhouse incineration facility same is not applicable to us
6	No raw material/solvent prohibited by the concerned regulatory authorities from time to time, shall be used.	Being complied. No raw material/solvents which are prohibited by regulatory authorities are purchased.
7	To control source and the fugitive emission, suitable pollution control devices shall be installed to meet the prescribed the norms and/or the NAAQS. The gaseous emissions shell be dispersed through stack of adequate height as per CPCB/SPCB guidelines.	Complied. In order to control the fugitive emissions following facility available at site. • All the process reactor at site are equipped with secondary condensers which take care of condensing escaping vapors from primary condensers.

- Both primary and secondary condensers are design with optimum HTA and utilities (chilled brine and chilled water).
 - All the reactors available at site are connected to scrubbing system which are design to take acid/alkali and other VOC related vapors.
 - Close loop material (liquid and solid) handling system for chemicals.
 - We have preventive /conditionbased maintenance schedule for all the equipment's installed at site to eliminate the possibilities of fugitive emission of leakages. for the issues of leakages & repairs.
 - Adequate DG and boiler chimney height is in place as per the norms.

Solvent management shall be carried out as follows:

- (a) Reactor cell be connected to child brine condenser system.
- (b) Reactor and solvent handling functional have mechanical seals to prevent leakages.
- (c) The condenser shall be provided with sufficient HTA and resistance time so as to achieve more than 95% recovery.
- (d) Solvents will be stored in a separate space specified with all safety measures.

Complied.

Solvent Management following

- a) All the reactors condensers available at site are connected with chilled brine system.
- b) Reactor and solvent handlining pumps are equipped with mechanical seal to prevent leakages.
- c) All condensers connected with reactors are design for adequate HTA to achieve recovery more than 95%.
- d) Dedicated Tank Farm area is available where in solvents are being stored in underground tanks with adequate safety measures.

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	(a) Propos conthined 1111	
	(e) Proper earthing shall be provided	e) Proper Earthing connectivity
	in all the electrical equipment	provided for all Equipment's
	wherever solvent handling is done.	which are used for solvent
		handling.
	(A Finding 1 + Q1 + 11 - Q	f) Flame proof fixtures are provided
	(f) Entire plant Shall be flameproof.	based on hazardous are
	The solvent storage tank shall be	classifications.
	provided with breather valve to	All the solvent storage tanks are
	prevent losses.	equipped with breather valves to
		prevent loses.
	A 11 .1	As per the vapor pressure at room
	All the solvent storage tanks shall be	temperature data requirement vent
	connected with vent condensers with	condensers with chilling system is
	chilled brain circulation.	available for two MDC storage
0	T . 1 C . 1	tanks.
9	Total fresh water requirement shall	Complied.
	not exceed 140 cum/day, proposed	Fresh Water consumption is well within
	to be met from ground water. Prior	the stipulated limit 140 cum/ day.
	permission in this regard shall be	
	obtained from the concerned	Water Balance Sheet Attached
	regulatory authority/ CGWA.	Annexure -2
10	Process effluent/any wastewater shall	Complied.
	not be allowed to mix with storm	_
	water. The storm water from the	There is separate storm water drain is available across the site, which is clearly
	premises shall be collected and	segregated process effluent water trench.
	discharged through a separate	Strome water from the premises is
	conveyance system.	collected and discharged 11 1
		separate conveyance system.
11	Hazardous chemical shall be stored in	Complied.
	tanks, tanks farms drums, carboys etc.	All the hazardous chemicals are being
		stored in tanks, drums in tank farm and
	Flame arrestors shall be provided on	carboys etc.
	tank farm, and solvent transfer	Flame arresters are provided in all
	through pumps.	solvent storage tanks and solvents are
		being transferred through pumps.
12	Process organic residue and spent	Complied
	carbon, if any, shall be sent to cement	Process organic residue and spent
	industries.	carbon generated during process are
		being sent to KSPCB authorized
AL	IMI	incineration vendor.
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	ETP sludge, process inorganic and operation salt shall be disposed of to the TSDF.	ETP sludge, process inorganic and operation salt is being sent to KSPCB approved TSDF facility.
13	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 chemical shall be as per the Motor Vehicle Act (MVA), 1989.	Noted and shall be complied.
14	Fly ash should be stored supply separately as per CPCB guidelines so that it may not adversely affect the air quality. Direct exposure of workers to fly ash and dust should be avoided.	There is no source for generating fly ash at site.
15	The company shall undertake waste minimization measures as below. (a) Metering and control of quantities of active ingredients to minimize waste. (b) Reuse of buy products from the process as raw materials are as raw material substitute in other processes. (c) Use of automated filling to minimize spillage. (d) Use of close feed system into batch reactors. (e) Venting equipment through vapor recovery system. use of high-	 a) API and raw materials quantity are reviewed frequently to minimize the inventory. b) Raw materials are procured on a requirement basis only. c) Solvent batching system is being used for the close loop handling of solvents, which ensures the elimination of spillage. d) Batching system are used closed loop solvent charging e) Condenser with optimum design of HTA and desired utilities are in
	pressure hoses for equipment clearing to reduce wastewater generation.	place ensure the vapor recovery efficiently. f) Spray Balls are being installed to handle organic solvents in closed loop which are used for reactor cleaning.

16	The green belt of at least 5-10 m width shall be developed in nearly 40% of the total project area, mainly along the plant periphery, in downward wind direction, and along roadside etc. Selection of plant species selfie as for the CPCB guidelines in consultation with the State Forest Department.	Complied. As per compliance condition 40 % green belt developed in the total area and different tree varieties belonging to Saraca asoca, Dypsis lutescens, Prunus dulcis, Caesalpinia pulcherrima, Casuarina equisetifolia, Magnolia champaca, Araucaria Coockii, Wodyetia bifurcate, Galpinia tranvaalica, Melaleuca bracteate, Delonix regia, Pongamia pinnata, Muntingia calabura, Artocarpus heterophyllus, Syzygium cumini, Mangifera indica, Swietenia mahagoni, Azadirachta indica, Eucalyptus, Ficus benghalensis, Musa acuminate, Carica papaya, Phoenix canariensis, Punica granatum, Quercus, Grevillea robusta, Santalum album, Tectona grandis Linn, Thorn Acacia, Leucaena leucocephala, Sapodilla, etc are planted in the facility.
17	At least 3% of total project cost Shall be allocated for Corporate	Noted, The project planned this year which
	Environment Responsibility (CER) and item wise details along with the time bond action plan shall be	includes Coprocessing of ETP sludge to cement industries
	prepared and submitted to the Ministry's Regional Office.	Installation of Sludge drier Installation of MVRE.
10		Tree planation & afforestation
18	For the DG sets, emission limits and the stack height shall be in conformity with the regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling noise pollution.	Complied. Adequate stack height is provided for all the DG sets and similarly suitable acoustic enclosures are provided for DG sets
19	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting	Complied.
ALI OV	system shall be as per the norms.	
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		 The areas of high risk posing potential fire risk are evaluated and provided with fire protection system such as The fire extinguishers are installed in site as per the classification & risk potential of each area and 315 No's of extinguishers are installed. Fire hydrant, Fire protection sprinklers, Foam-water jet monitor, NOVEC-123 fire suppression system and DSPA fire suppression system and are installed in various areas. Fire detection system such as smoke detectors, Fire alarms and manual call point installed
20	Occupational health surveillance of the workers will be done on a regular basis and records maintained as per the Factories Act.	Complied. Occupational health surveillance of the workers is done on a Biannual basis and records maintained as per the Factories Act. These reports are discussed with occupational Health advisor for any concerns. Apart from routine tests, Kidney function test, Liver function test Audiometry, ECG etc. are also done.
21	Continuous online (24x7) monitoring system for stack emission shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install Web camera with night vision capability and flow meters in the	Complied. We had Installed Continuous online (24x7) monitoring system for stack emission for the measurement of the specified parameters of flue gas discharge from DG and Boiler. Data transmission work is going on CPCB and KSPCB server. We had installed IP camera with PAN, TILT Zoom, 5x focal length with night

	- 1	vithin the premises.	vision capability and fixed in flow meter at the outlet of the ETP & Data connected to CPCB and KSPCB server. Same is acknowledged by CPCB and KSPCB.
2	1	Process safety and risk assessment studies shall be further carried out using advanced to models, and the mitigating measures shall be undertaken accordingly.	Process safety and risk assessment studies are carried out mandatorily for Mitigating the Hazards & Implementing the advanced models.
1	3	GENERAL CONDITIONS	,
		The project proponent shall obtain all other statutory/ necessary permissions recommendations NOCs prior to start of the construction/operation of the project which inter alia include, permission/approvals under the Forest (Conservation) Act, 1980: Wildlife (Protection) Act, 1972; the Coastal Regulation Zone Notification, 2019, as amended from time to time and other office memorandum circular issued by the Ministry of Environment Forest and Climate Change from time to time as applicable to the project.	Complied. The industry is already established in the notified industrial area. Therefore, it is not applicable. No new construction is done. EC was obtained for Change of product mix.
	2	The project proponent shall ensure compliance of 'National Emission Standards', as applicable to the project issued by the ministry from time to time. The project proponent shall also abide by the rules/ regulations issued by the CPCB/SPCB for control/abatement of pollution.	Complied. We are conducting timely emission monitoring which are observed to be well within the limits.
	3	The project authorities shall order to the stipulations made by the State Pollution Control Board/ Committee, Central Pollution Control Board,	We shall comply



	State Government and any other	
	statutory authority.	
4	The project proponent shell prepares a site-specific conservation plan and Wildlife Management Plan in the case of the presence of Schedule-1 species in the study area as applicable to the project and submit to Chief Wildlife Warden for approval. The recommendations shall be implemented in consultation with the State Forest/Wildlife department in	Our industry is located in notified industrial area, where in this conservation plan is not applicable.
	time bound manner	
5	No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments shall be carried out without prior approval of the Ministry of Environment Forest and Climate Change. 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 access the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Complied. No expansion or modifications in the plant has been carried out without price approval of the Ministry of Environment Forest and Climate Change and ELI Notification of 2006.
6	The energy source from lightning propose shall be preferably LED based, or advanced having performance in energy conservation and environment betterment.	Noted & implemented. Energy conservation drive is implemented at sit through ISO 50001 (Energy Management System)
7	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (KSPCB) and it shall be ensured that at least one station each is installed in the upwind and downwind direction as	Complied. 4 Ambient air quality monitoring station are set up in consultation with KSPCB. Locations are as follows: a. Near ETP (East) b. Near Material entry gate (West) c. Near API-1 (South) d. Near Boiler house (North)

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8	well as where maximum ground level concentrations are anticipated. The National Ambient Air Quality Emission Standard issued by the	Ambient air quality monitoring is carried out by NABL accredited Laboratory (M/s Tejus Enterprises) and reports are filed monthly to State Pollution Control Board (KSPCB) The National Ambient Air quality emission standards are being followed
	Ministry vide G.S.R No. 826 (E) dated 16th November, 2009 shall be followed.	and accordingly monitored. NAAQ Annexure-3
	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including a 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 with 75 dBA (daytime) and 70 dBA (night time).	Noise level is well within the stipulated standards. Acoustic enclosures is provided for Diesel Generator and ETP Blowers. The ambient noise levels across our boundary conforms to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night time). HCL software company is located on the East side of our premises, M/s Richa Global, a garmet factory is located on the West side. North side of ur premises is agricultural land and South side there is main road. Annexure-4
10	The Company shall harvest rainwater from the rooftops of the buildings and storm water drains to recharge the groundwater and to utilize the same for process requirements.	Rainwater harvesting system is available which ensures water from the rooftops of the building and storm water drains are being recharged to ground water.
11	Training shall be imparted to all employees on safety and health aspects of chemical handling. Preemployment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all	Noted. Pre-employment and routine periodical medical examinations for all employees are being done. Trainings are being imparted on regular basis.

Bangalore

	employees on handling of chemical shell be imparted.	And the second s
12	The company shall undertake all relevant measures for improving the socio- economic conditions of the surrounding area. CER activities shall be undertaken by involving local villagers and administration and shall be implemented.	Noted being complied. Tree planation done at Henagara Govt. school.
13	The company shall undertake eco- development all measures including community welfare measures in the project area for the overall improvement of the environment.	we worked with CSR team for support near by Hospitals, Mobile Health Care unit in Jigani area, to benefit the community around the plant area, to facilitate health care & vaccination.
14	A separate Environmental Management cell (having qualified person with Environmental Science/ Environmental Engineering/ specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	A separate Environmental Management Cell are in place with Qualified Environmental professionals and unit is ISO 14001:2015 certified. Site have dedicated ETP lab and continuous monitoring of Effluent sample are in place.
15	The company shall ear mark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated here in. The funds earmark for environment management/ pollution control measures shall not be diverted for any other purpose.	Noted being complied.
16	A copy of the clearance letter selfie sent by the project proponent to be concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any from	Complied. The Environmental clearance copy submit to the chief officer Jigani-town municipal council acknowledgement copy attached as Annexure-5

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	whom suggestions/representations, if	
	any, were received while processing	
	the proposal.	
17	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by email) to the respective Regional Office of MoEF&CC, respective zonal office of CPCB and SPCB. A copy of Environmental Clearance and six-monthly complaint status report	Complied. Attached screen shot of compliance report published in website Annexure-6
	shall be posted on the website of the	
	company.	
18	The environmental statement for each financial year ending 31st March in Form-V is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by email.	Complied.
19	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/ Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/ . This shall be advertise within seven days from the date of issue of the clearance letter, at least into local newspapers that are	Complied. Two local newspapers advertise is given as per condition copy is attached as a Annexure-7
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	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.	
20	The project authorities shall inform	Noted and shall be complied.
	the Regional Office as well as the	•
	Ministry the date of financial closer	
	and final approval of the project by	
	the concerned authorities and the date	
	of start of the project.	
21	This Environmental Clearance is	Noted and shall be complied
21		Noted and shall be complied.
	granted subject to final outcome of	
	Hon'ble Supreme Court of India,	
	Hon'ble High Court, Hon'ble NGT	
	and any other Court of Law, if any as	
	may be applicable to this project.	
22	The Ministry reserves the right to	Noted.
	stimulate additional conditions, if	
	found necessary at subsequent stages	
	and the project proponent cell	
	implement all the said conditions in a	
	time bound manner. The Ministry	
	may revoke or suspend the	
	environmental clearance, if	
	implementation of any of the above	
	condition is not found satisfactory.	
23	Concealing factual data for	Noted.
	submission of false/ fabricated data	
	and failure to comply with any of the	
	conditions mentioned above may	
	result in withdrawal of this clearance	
	and attract action under the	
	provisions of Environment	
	(Protection) Act, 1986.	
24		Noted
24	Any appeal against this environment clearance cell lie with the National	Noted.
	Green Tribunal, if preferred, within a	
	period of 30 days as prescribed under	



	section the 16 of the National Green Tribunal Act, 2010.	
25	The above conditions will be enforced inter-alia under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act 1986 the Hazardous Waste (Management, Handling and Transboundary Movement) Rules 2016 and public liability insurance act 1991 read with subsequent amendments are therein	Noted.
26	This issues with the approval of the competent authority.	Noted.

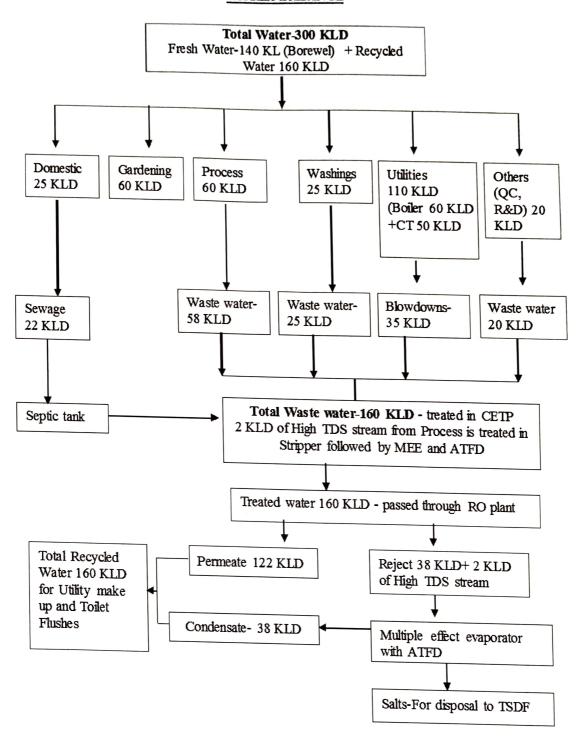
For Cipla Limited

Pradeep Gupta Site Head

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ANNEXURE-II WATER BALANCE







No: CIP/PCB/2021/06/04

Date: 04.06.2021

To

The Chief officer

Jigani-Town Municipal Council

Jigani-Anekal taluk

Bangalore-560105

Respected Sir

Sub: intimation of Environmental clearance (EC) By MOEF to Cipla Bommasandra.

With reference to the above subject we are glade to inform u that, we have received environmental clearance of change product mix of the unit was accorded by MOEF impact assessment division on 22 April 2020 vide letter No:F.No J-11011/382/2019-IA-II (I)] subsequently amendment letter is received on 9th December 2020 environmental clearance copy attached with same letter, this is for kind perusal. Kindly acknowledge the receipt of the same.

Thanking you

Sincerely Yours
For Cipla Limited

Pradeep Gupta (Site Head)



Cipia Ltd.

100% FOR Pigt No. 385, 286-8-267, Boundovondro-ligari test Road Industrial Area, XIALIB Ath Place, ligari Post, 8-segresio - 500 85 p. 49-60 77059700 - F. 49-80 72059770 - E-Mail adminimissiopla (aga

EC Advertisement in English News Paper (DECCAN HERALD) and Kannada Paper (PRAJA VANI). Dated. 03.06.2021

DECCANHERALD Inursday June 3, 2021

STATE

See pages 7, 8, 9 for more Karnataka stories

3

NOTICE

Environmental clearance for the change in product mix of the unit was accorded by MOEF, Impact Assessment Division on 22nd April 2020, vide letter no. F.No.-J-11011/382/2019-IA-II(I)] subsequently amendment letter received on 9th December-2020 to CIPLA LIMITED. Bommansandra-560105 and can be seen in website www.environment clearance.nlc.ln.

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ಪ್ರಕಟಣೆ

ಪರಿಸರ ಕ್ಷೆಯರೆನ್ನ ಅನ್ನು ಘಟಕದ ಉತ್ಪನ್ನ ಮಿಶ್ರಣದಲ್ಲಿನ ಬದಲಾವಣೆಗೆ ಏಪ್ರಿಲ್ 22, 2020 ರಂದು ಇಂಪ್ಯಾಕ್ಟ್ ಅಸೆಸ್ಮೆಂಟ್ ವಿಭಾಗದ ಎಂಬಇಎಫ್. ಪೈಡ್ ಲೆಟರ್ ನಂ 11011/382/2019 ತರುವಾಯ ತಿದ್ಭುಪಡಿ ಪತ್ರವನ್ನು ಡಿಸೆಂಬರ್ 9 2020 ರಂದು ಸಿವ್ವಾ ಲಿಮಿಟೆಡ್, ಮೊಮ್ಮಸಂದ್ರ 560105 ಅನುಮೋದಿಸಿದೆ ಮತ್ತು ಇದನ್ನು ವೆಟ್ ಸೈಟ್ www.environment clearance.nic.in. ನಲ್ಲಿ ನೋಡಬಹುದು







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Website

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(b)Name of the Company / Organisation, CIPLA... 286 & 287, KIADB Industrial Area, Sommasandra-Jigani Link Road, Phase-IV. ... (f)Project Type. Fresh EC ... Report Part 1 - Environmental Clearance

http://www.environmentclearance.nic.in > ECReport_New

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EC-Compliance-Report-Bommansandra.pdf - Cipla

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Road Industrial Area. KIADB 4th Phase, Jigani Post, Bangalore-560 105

39 pages



Sound level Monitoring Report (Day Time) - Oct 2021

Date: 20.10.2021

S. No	<u>Area</u>	Sound level in (dB)	Remarks/ Controls
01	Work permit station outside Area	54.1	
02	Utility area Compressor 1 & 2	72.3	
03	Cooling tower area	67.9	
04	Compressor area	73.2	
05	API-II Hot water system area	68.4	
06	N2 Plant	71.8	
07	Transformer yard	58.2	
08	Water plant	71.3	
09	Power house	58.4	
10	ETP LAB	45.8	
11	ETP Blowers	73.4	
12	MEE (Outside)	55.4	Off Mode
13	ETP intermediate tank area	63.7	
14	ETP Panel room	56.3	
15	Non CCOE	50.2	
16	Solvent storage area	54.7	-
17	Boiler house (Inside)	71.3	Running
18	Boiler house DG area	72.3	On Mode
19	Fire Hydrant Pump house	68.6	Jockey pump running
20	Stores vehicle parking area	57.2	
21	Main Security gate	52.3	
22	API-I N2 plant	70.4	 , 50
23	Brine chiller – API - Utility	74.6	
24	High vacuum pump area API-II	71.8	
25	RO Plant	68.3	On Mode
26	Decanter	64.3	On Mode
27	Workshop/ Fabrication shed	74.2	
28	Material entry Security gate	54.6	-
29	API-II Terrace	59.6	
30	API-I Terrace	62.8	

Note: Sound level monitored in the Time of 14:00Hrs. to 16:00Hrs.

Monitoring Done By: Saturday

Date: 20.10.2021



Bommasandra

Sound level Monitoring Report (Night time) - Oct 2021

Date: 18.10.2			
S. No	<u>Area</u>	Sound level in (dB)	Remarks/ Controls
01	Work permit station outside Area	54.7	
02	Utility area Compressor 1 & 2	61.8	
03	Cooling tower area	66.7	-
04	Compressor area	67.2	-
05	API-II Hot water system area	67.4	
06	N2 Plant	68.1	
07	Transformer yard	56.	
80	Water plant	62.8	
09	Powerhouse	48.7	
10	ETP LAB	51.3	
11	ETP Blowers	67.5	
12	MEE (Outside)	59.1	Off Mode
13	ETP intermediate tank area	57.8	
14	ETP Panel room	52.3	
15	Non CCOE	47.6	
16	Solvent storage area	47.2	
17	Boiler house (Inside)	68.1	Running
18	Boiler house DG area	64.5	Off Mode
19	Fire Hydrant Pump house	68.2	Off mode
20	Stores vehicle parking area	47.5	
21	Main Security gate	55.3	
22	API-I N2 plant	67.7	
23	Brine chiller – API - Utility	583	
24	High vacuum pump area API-II	67.5	
25	RO Plant	56.5	off
26	Decanter	52.3	off
27	Workshop/ Fabrication shed	48.9	
28	Material entry Security gate	51.2	
29	API-II Terrace	52.7	
30	API-I Terrace	54.5	

Noise level monitored in the Time of 02.30Hrs. to 04:30Hrs.

Monitoring Done By: Spending Date:

Reviewed By: god Date:

Cipla

Sound level Monitoring Report (Day Time) - Nov 2021

Date: 16.11.2021

S. No	<u>Area</u>	Sound level in (dB)	Remarks/ Controls
01	Work permit station outside Area	52.3	
02	Utility area Compressor 1 & 2	72.5	
03	Cooling tower area	67.9	
04	Compressor area	72.7	
05	API-II Hot water system area	69.3	
06	N2 Plant	71.8	
07	Transformer yard	55.6	
08	Water plant	70.5	
09	Power house	58.4	
10	ETP LAB	46.5	
11	ETP Blowers	72.8	
12	MEE (Outside)	55.4	Off Mode
13	ETP intermediate tank area	66.4	
14	ETP Panel room	56.3	
15	Non CCOE	50.2	
16	Solvent storage area	54.1	-
17	Boiler house (Inside)	72.6	Running
18	Boiler house DG area	72.3	On Mode
19	Fire Hydrant Pump house	67.8	Jockey pump running
20	Stores vehicle parking area	52.6	
21	Main Security gate	52.6	
22	API-I N2 plant	70.4	
23	Brine chiller – API - Utility	74.6	
24	High vacuum pump area API-II	72.0	
25	RO Plant	68.3	On Mode
26	Decanter	64.3	On Mode
27	Workshop/ Fabrication shed	74.2	
28	Material entry Security gate	55.7	
29	API-II Terrace	64.3	
30	API-I Terrace	63.2	

Note: Sound level monitored in the Time of 13:00 Hrs to 15.00 Hrs

Monitoring Done By:

Date:

16.11.2021

Reviewed By: Tall Date:



Sound level Monitoring Report (Night time) - Nov 2021

Date: 15.11.2021

S. No	<u>Area</u>	Sound level in (dB)	Remarks/ Controls
01	Work permit station outside Area	55.8	
02	Utility area Compressor 1 & 2	67.2	
03	Cooling tower area	68.2	
04	Compressor area	66.2	-
05	API-II Hot water system area	66.6	
06	N2 Plant	64.1	-
07	Transformer yard	55.8	-
08	Water plant	60.3	
09	Powerhouse	50.3	-
10	ETP LAB	52.4	
11	ETP Blowers	68.9	
12	MEE (Outside)	59.1	Off Mode
13	ETP intermediate tank area	57.8	
14	ETP Panel room	52.3	<u>-</u>
15	Non CCOE	44.5	
16	Solvent storage area	47.2	
17	Boiler house (Inside)	67.1	Running
18	Boiler house DG area	62.4	Off Mode
19	Fire Hydrant Pump house	68.2	Off mode
20	Stores vehicle parking area	47.5	
21	Main Security gate	55.3	
22	API-I N2 plant	68.1	
23	Brine chiller – API - Utility	68.3	
24	High vacuum pump area API-II	69.5	
25	RO Plant	59.5	off
26	Decanter	52.3	off
27	Workshop/ Fabrication shed	49.6	
28	Material entry Security gate	50.2	
29	API-II Terrace	52.6	
30	API-I Terrace	54.7	

Note: Noise level monitored in the Time of 01:30 Hrs. to 03:45 Hrs

Monitoring Done By: G& Date:

15.11.2021



Sound level Monitoring Report (Night time) - Dec 2021

S. No	Aros	O. diamit (ID)	Date: 20.12.202
	<u>Area</u>	Sound level in (dB)	Remarks/ Controls
01	Work permit station outside Area	55.6	
02	Utility area Compressor 1 & 2	67.2	
03	Cooling tower area	68.2	
04	Compressor area	55.9	
05	API-II Hot water system area	68.6	
06	N2 Plant	67.3	
07	Transformer yard	55.8	
08	Water plant	62.1	
09	Powerhouse	49.7	
10	ETP LAB	51.3	
11	ETP Blowers	67.5	
12	MEE (Outside)	59.1	Off Mode
13	ETP intermediate tank area	58.9	
14	ETP Panel room	52.3	
15	Non CCOE	46.5	
16	Solvent storage area	48.6	
17	Boiler house (Inside)	68.1	Running
18	Boiler house DG area	63.4	Off Mode
19	Fire Hydrant Pump house	68.2	Off mode
20	Stores vehicle parking area	47.5	
21	Main Security gate	56.5	
22	API-I N2 plant	68.6	
23	Brine chiller – API - Utility	68.3	
24	High vacuum pump area API-II	69.5	
25	RO Plant	56.5	off
26	Decanter	53.5	off
27	Workshop/ Fabrication shed	48.9	
28	Material entry Security gate	51.3	
29	API-II Terrace	52.6	
30	API-I Terrace	57.6	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		

Note: Noise level monitored in the Time of 01:30 Hrs. to 03:30 Hrs.

Monitoring Done By: Seek. 171.

Date: 20.12-2021

Sound level Monitoring Report (Day Time) - Dec 2021

Date: 21.12.2021

S. No	Area	Sound level in (dB)	Remarks/ Controls
01	Work permit station outside Area	52.3	
02	Utility area Compressor 1 & 2	71.2	
03	Cooling tower area	67.9	
04	Compressor area	69.3	
05	API-II Hot water system area	68.4	
06	N2 Plant	71.8	
07	Transformer yard	55.6	
08	Water plant	70.3	
09	Power house	59.6	
10	ETP LAB	45.8	
11	ETP Blowers	71.3	
12	MEE (Outside)	55.4	Off Mode
13	ETP intermediate tank area	63.7	·
14	ETP Panel room	56.3	
15	Non CCOE	50.2	
16	Solvent storage area	53.4	-
17	Boiler house (Inside)	75.2	Running
18	Boiler house DG area	72.3	On Mode
19	Fire Hydrant Pump house	66.7	Jockey pump running
20	Stores vehicle parking area	52.3	
21	Main Security gate	51.8	
22	API-I N2 plant	70.4	
23	Brine chiller – API - Utility	73.6	
24	High vacuum pump area API-II	73.1	
25	RO Plant	68.3	On Mode
26	Decanter	64.3	On Mode
27	Workshop/ Fabrication shed	73.5	
28	Material entry Security gate	55.7	
29	API-II Terrace	59.6	
30	API-I Terrace	64.8	

Note: Sound level monitored in the Time of 15:00 Hrs. to 17:00 Hrs.

Monitoring Done By: State M. C. Date: 21.12.204

Reviewed By: 23.12.2021

Sound level Monitoring Report (Day Time) - Jan 2022

Date: 18.01.2022

S. No	<u>Area</u>	Sound level in (dB)	Remarks/ Controls
01	Work permit station outside Area	54.8	
02	Utility area Compressor 1 & 2	72.4	
03	Cooling tower area	67.9	
04	Compressor area	66.5	
05	API-II Hot water system area	68.4	
06	N2 Plant	72.8	
07	Transformer yard	55.6	
08	Water plant	70.3	
09	Power house	59.6	
10	ETP LAB	45.8	
11	ETP Blowers	71.3	
12	MEE (Outside)	54.4	Off Mode
13	ETP intermediate tank area	63.7	
14	ETP Panel room	57.3	
15	Non CCOE	50.2	
16	Solvent storage area	53.4	-
17	Boiler house (Inside)	74.2	Running
18	Boiler house DG area	72.3	On Mode
19	Fire Hydrant Pump house	69.7	Jockey pump running
20	Stores vehicle parking area	52.3	
21	Main Security gate	51.8	
22	API-I N2 plant	71.4	
23	Brine chiller – API - Utility	73.6	
24	High vacuum pump area API-II	73.1	
25	RO Plant	68.3	On Mode
26	Decanter	65.3	On Mode
27	Workshop/ Fabrication shed	74.5	
28	Material entry Security gate	56.7	
29	API-II Terrace	57.6	
30	API-I Terrace	65.8	

Note: Sound level monitored in the Time of 14:00 Hrs. to 16:00 Hrs.

Monitoring Done By:
Date: [8.01.2011

Reviewed By: 70% Date: (9.0\.2012



Bommasandra

Sound level Monitoring Report (Night time) - Jan 2022

Date: 13.01.2022 Sound level in (dB) S. No Remarks/ Controls Area 01 Work permit station outside Area 54.6 02 Utility area Compressor 1 & 2 68.2 03 Cooling tower area 69.5 04 Compressor area 55.9 05 API-II Hot water system area 64.6 06 N2 Plant 67.9 07 Transformer yard 57.8 08 Water plant 65.1 09 Powerhouse 49.7 10 **ETP LAB** 51.3 11 **ETP Blowers** 67.5 12 MEE (Outside) 59.1 Off Mode 13 ETP intermediate tank area 57.9 ETP Panel room 14 58.3 Non CCOE 15 45.5 16 Solvent storage area 48.6 Boiler house (Inside) Running 17 68.1 Off Mode Boiler house DG area 67.4 18 Off mode Fire Hydrant Pump house 19 68.2 20 Stores vehicle parking area 47.5 21 Main Security gate 56.5 22 API-I N2 plant 69.6 Brine chiller - API - Utility 66.3 23 High vacuum pump area API-II 69.5 24 off **RO Plant** 57.5 25 off 26 Decanter 58.5 47.9 27 Workshop/ Fabrication shed 52.8 Material entry Security gate 28 52.7 29 **API-II Terrace** 57.9 **API-I Terrace** 30

Note: Noise level monitored in the Time of 02:30 Hrs. to 04:30 Hrs.

Monitoring Done By:

Date:

13.01.2022

Reviewed By: Toll
Date: 19.01.2012



Sound level Monitoring Report (Day Time) - Feb 2022

Date: 10.02.2022

S. No	<u>Area</u>	Sound level in (dB)	Remarks/ Controls
01	Work permit station outside Area	52.1	-
02	Utility area Compressor 1 & 2	73.4	_
03	Cooling tower area	68.9	-
04	Compressor area	73.2	-
05	API-II Hot water system area	68.4	-
06	N2 Plant	71.8	_
07	Transformer yard	59.2	
08	Water plant	72.3	-
09	Power house	59.4	-
10	ETP LAB	45.6	-
11	ETP Blowers	75.4	-
12	MEE (Outside)	55.8	Off Mode
13	ETP intermediate tank area	63.9	-
14	ETP Panel room	56.3	-
15	Non CCOE	50.5	-
16	Solvent storage area	54.7	-
17	Boiler house (Inside)	71.5	Running
18	Boiler house DG area	72.6	On Mode
19	Fire Hydrant Pump house	68.7	Jockey pump running
20	Stores vehicle parking area	57.6	-
21	Main Security gate	52.8	
22	API-I N2 plant	70.5	
23	Brine chiller – API - Utility	73.7	
24	High vacuum pump area API-II	71.8	
25	RO Plant	68.5	On Mode
26	Decanter	64.4	On Mode
27	Workshop/ Fabrication shed	72.2	-
28	Material entry Security gate	57.6	
29	API-II Terrace	58.5	
30	API-I Terrace	61.8	

Note: Sound level monitored in the Time of 14:00Hrs. to 16:00Hrs.

Monitoring Done By: Stelling

Date: 12 2 2

Date: 10.01.2022

Reviewed By: 3011 Date: 25.02.2022



Sound level Monitoring Report (Night time) - Feb 2022

Date: 17.02.2022

S. No	Area	Sound level in (dB)	Remarks/ Controls
01	Work permit station outside Area	54.8	at he
02	Utility area Compressor 1 & 2	62.4	##
03	Cooling tower area	66.5	du
04	Compressor area	64.3	40
05	API-II Hot water system area	63.4	
06	N2 Plant	67.8	***
07	Transformer yard	56.1	25
08	Water plant	63.8	
09	Powerhouse	48.9	
10	ETP LAB	52.4	
11	ETP Blowers	68.5	
12	MEE (Outside)	59.5	Off Mode
13	ETP intermediate tank area	57.8	
14	ETP Panel room	52.3	-
15	Non CCOE	47.8	-
16	Solvent storage area	47.2	
17	Boiler house (Inside)	68.5	Running
18	Boiler house DG area	64.5	Off Mode
19	Fire Hydrant Pump house	67.2	Off mode
20	Stores vehicle parking area	47.5	-
21	Main Security gate	55.3	
22	API-I N2 plant	67.7	
23	Brine chiller – API - Utility	583	
24	High vacuum pump area API-II	68.5	-
25	RO Plant	56.5	off
26	Decanter	52.3	off
27	Workshop/ Fabrication shed	47.9	
28	Material entry Security gate	51.2	
29	API-II Terrace	52.2	
30	API-I Terrace	53.5	

Note: Noise level monitored in the Time of 02.30Hrs. to 04:30Hrs.

Monitoring Done By: Stut. M. S. Date: 13.02.2022

Reviewed By: gold Date: 25.02.2022



Bommasandra

Sound level Monitoring Report (Night time) - March 2022

Date: 15.03.2022 S. No **Area** Sound level in (dB) Remarks/ Controls Work permit station outside Area 01 53.5 02 Utility area Compressor 1 & 2 62.8 Cooling tower area 03 66.7 04 Compressor area 65.3 05 API-II Hot water system area 64.4 06 N2 Plant 67.8 07 Transformer yard 58.1 80 Water plant 63.1 09 Powerhouse 49.9 10 ETP LAB 53.4 11 **ETP Blowers** 68.5 12 MEE (Outside) 57.5 Off Mode 13 ETP intermediate tank area 57.8 14 ETP Panel room 52.3 15 Non CCOE 48.8 --16 Solvent storage area 47.9 17 Boiler house (Inside) 68.2 Running 18 Boiler house DG area 62.8 Off Mode 19 Fire Hydrant Pump house 67.4 Off mode 20 Stores vehicle parking area 48.5 21 Main Security gate 53.3 22 API-I N2 plant 62.7 23 Brine chiller - API - Utility 57.3 24 High vacuum pump area API-II 68.5 25 **RO Plant** 56.5 off 26 Decanter 54.3 off 27 Workshop/ Fabrication shed 48.9

Note: Noise level monitored in the Time of 02.00Hrs. to 04:00Hrs.

Monitoring Done By:

Material entry Security gate

API-II Terrace

API-I Terrace

Date: 15.03.2012

28

29

30

53.2

53.2

54.5

Reviewed By: July Date: (6.03.202)

Sound level Monitoring Report (Day Time) - March 2022 Bommasandra

Date: 11.03.2022 S. No **Area** Sound level in (dB) Remarks/ Controls Work permit station outside Area 01 54.5 02 Utility area Compressor 1 & 2 73.8 03 Cooling tower area 67.5 04 Compressor area 72.4 05 API-II Hot water system area 70.1 06 N2 Plant 71.8 07 Transformer yard 59.2 80 Water plant 72.3 09 Power house 59.4 10 **ETP LAB** 44.6 11 **ETP Blowers** 75.4 12 MEE (Outside) 53.6 Off Mode 13 ETP intermediate tank area 63.7 14 ETP Panel room 56.3 15 Non CCOE 51.3 16 Solvent storage area 54.7 Boiler house (Inside) 17 70.5 Running 18 Boiler house DG area 72.6 On Mode 19 Fire Hydrant Pump house 68.7 Jockey pump running Stores vehicle parking area 20 58.2 21 Main Security gate 50.7 22 API-I N2 plant 71.4 23 Brine chiller - API - Utility 73.7 24 High vacuum pump area API-II 71.8 25 **RO Plant** On Mode 68.5 26 Decanter On Mode 64.4 27 Workshop/ Fabrication shed 73.1 28 Material entry Security gate 58.7 29 **API-II Terrace** 58.7 **API-I Terrace** 62.4 30

Note: Sound level monitored in the Time of 14:00Hrs. to 16:00Hrs.

Monitoring Done By:

Date: 1(.03.2021

Reviewed By: