Cipla

No: CIP/MOEF/2021/11/08
Date: 18.11.2021

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.

KSPCB, Bangalore RECEIVED

RECEIVED 25 NOV 2021 KSPCB, Bangalore

Dear Sir/Madam,

Subject: Submission of half yearly point wise compliance report to conditions of Environmental Clearance for the period of April - 2021 to September - 2021

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

With reference to the above subject, we are hereby submitting Biannual (April – 2021 to September-2021) 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

Pradeep Gupta
(Site Head)

CENTRAL POLLUTION CONTROL BOARD
MINISTRY OF ENVIRONMENT FORESTS &
CLIMATE CHANGE, GOVT. OF INDIA
REGIONAL DIRECTORATE (SOUTH)
ST & 2ND FLOOR, "NISARGA BHAVAN"
7TH 'D' MAIN, THIMMAIAH ROAD,
SHIVANAGAR, BENGALURU - 560 079

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-Mail** adminbms@cipla.com

Regd. Office - Cipla House, Peninsula Business Park, Ganpatrao Kadam Marg, Lower Parel, Mumbai 400013, India.
P +91 22 24826000 F +91 22 24826120 W www.cipla.com **E-Mail** contactus@cipla.com **Corporate Identity Number** L24239MH1935PLC002380

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 – April -2021 to September- 2021

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 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).

CIPLA LIMITED Bangalore BOMMASANDRA

		• 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

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		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 /condition-based 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.
8	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. (e) Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.	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. e) Proper Earthing connectivity provided for all Equipment's

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	(f) Entire plant Shall be flameproof. The solvent storage tank shall be provided with breather valve to prevent losses. All the solvent storage tanks shall be connected with vent condensers with chilled brain circulation.	which are used for solvent handling. f) Flame proof fixtures are provided based on hazardous are classifications. All the solvent storage tanks are equipped with breather valves to prevent loses. As per the vapor pressure at room temperature data requirement vent condensers with chilling system is available for two MDC storage tanks.
9	Total fresh water requirement shall not exceed 140 cum/day, proposed to be met from ground water. Prior permission in this regard shall be obtained from the concerned regulatory authority/ CGWA.	Complied. Fresh Water consumption is well within the stipulated limit 140 cum/ day. Water Balance Sheet Attached **Annexure -2**
10	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.	Complied. There is separate storm water drain is available across the site, which is clearly segregated process effluent water trench. Strome water from the premises is collected and discharged through a separate conveyance system.
11	Hazardous chemical shall be stored in tanks, tanks farms drums, carboys etc. Flame arrestors shall be provided on tank farm, and solvent transfer through pumps.	Complied. All the hazardous chemicals are being stored in tanks, drums in tank farm and carboys etc. Flame arresters are provided in all solvent storage tanks and solvents are being transferred through pumps.
12	Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic and operation salt shall be disposed of to the TSDF.	Complied. Process organic residue and spent carbon generated during process are being sent to KSPCB authorized incineration vendor.

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		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-pressure hoses for equipment clearing to reduce wastewater generation.	Complied. a) API and raw materials quantity are reviewed on weekly basis 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 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	Complied.

	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.	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 Environment Responsibility (CER) and item wise details along with the time bond action plan shall be prepared and submitted to the Ministry's Regional Office.	Noted, shall be complied.
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 system shall be as per the norms.	Complied.

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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	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 vision capability and fixed in flow meter

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	channel/ drain carrying effluent within the premises.	at the outlet of the ETP & Data connected to CPCB and KSPCB server. Same is acknowledged by CPCB and KSPCB.
22	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.
B	**GENERAL CONDITIONS**	
1	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, State Government and any other statutory authority.	We shall comply

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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 time bound manner	Our industry is located in notified industrial area, where in this conservation plan is not applicable.
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 prior approval of the Ministry of Environment Forest and Climate Change and EIA 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 site 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 well as where maximum ground level concentrations are anticipated.	Complied. 4 Ambient air quality monitoring stations 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) Ambient air quality monitoring is carried out by NABL accredited Laboratory (M/s

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		Tejus Enterprises) and reports are filed monthly to State Pollution Control Board (KSPCB)
8	The National Ambient Air Quality Emission Standard issued by the Ministry vide G.S.R No. 826 (E) dated 16th November, 2009 shall be followed.	Complied. The National Ambient Air quality emission standards are being followed and accordingly monitored. NAAQ **Annexure-4**
9	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).	Complied. 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-5**
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. Pre-employment 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.

CIPLA LIMITED Bangalore BOMMASANDRA

	employees on handling of chemical shell be imparted.	
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
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- 6**

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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 shall be posted on the website of the company.	Complied. Attached screen shot of compliance report published in website **Annexure-7**
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. Advertisement given two local news paper copy is attached as a **Annexure-8**

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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 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.	Noted and shall be complied.
21	This Environmental Clearance is 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.	Noted and shall be complied.
22	The Ministry reserves the right to 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.	Noted.
23	Concealing factual data for 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.	Noted.
24	Any appeal against this environment clearance cell lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under	Noted.

CIPLA LIMITED ★ Bangalore ★ BOMMASANDRA

	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.

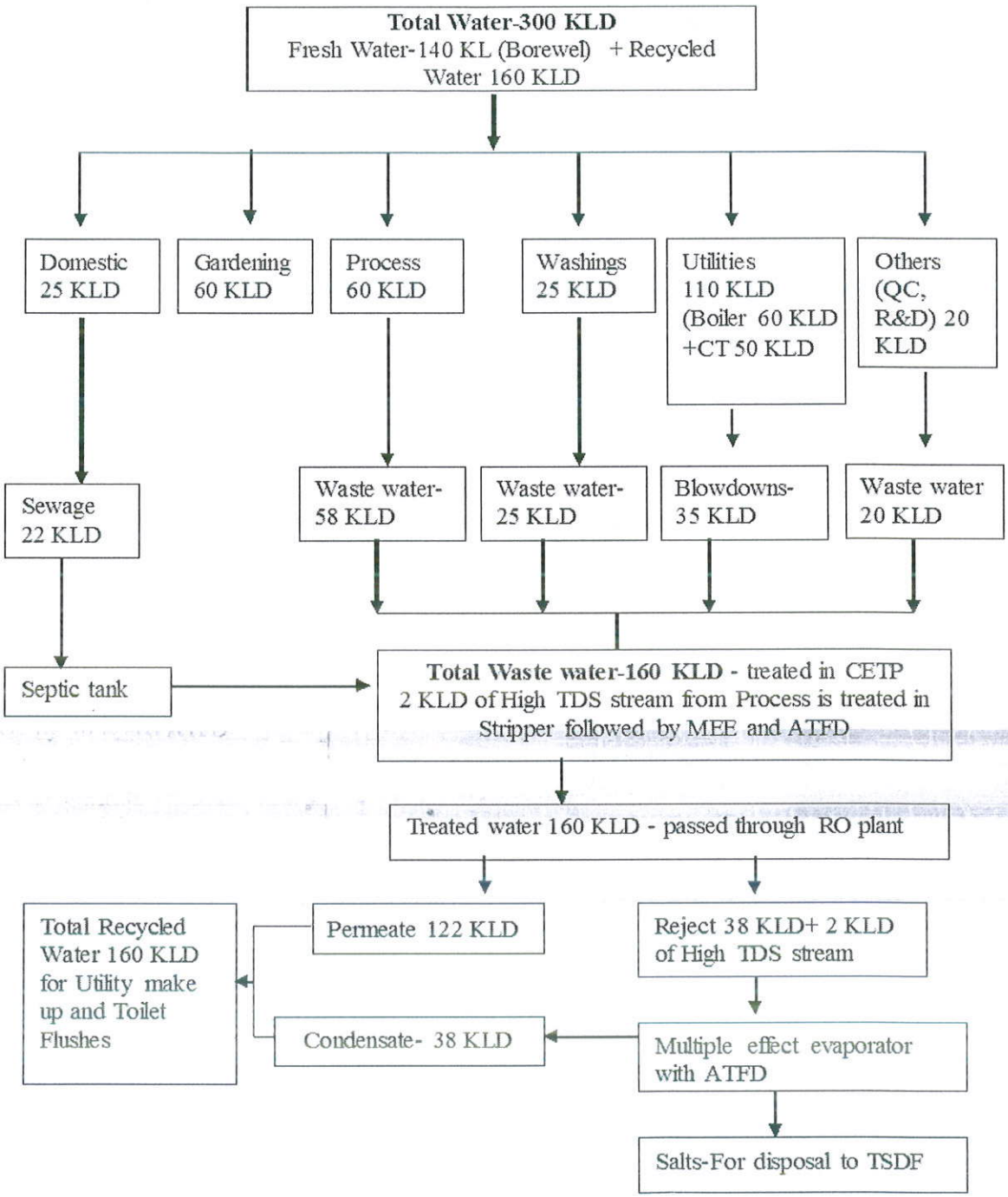
For Cipla Limited

Pradeep

Pradeep Gupta
Site Head

CIPLA LIMITED
Bangalore
BOMMASANDRA

ANNEXURE-II
WATER BALANCE



Cipla

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

Pradeep Gupta
(Site Head)

Sidla 04/06/2021

Cipla Ltd.

100% FOU Plot No. 285, 286 & 287, Bommasandra-Jigani Link Road Industrial Area, KIADB 4th Phase, Jigani Post, Bengaluru - 560 105
P +91 80 22659200 F +91 80 22659220 E-Mail odmanufacturing@cipla.com

Regd. Office : Cipla House, Peninsula Business Park, Ganpatrao Kadam Marg, Lower Parel, Mumbai 400013, India
P +91 22 24826000 F +91 22 24826120 W www.cipla.com E-Mail contactus@cipla.com Corporate Identity Number L24239MH1935PLC002380

Cipla
Bommasandra

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

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.nic.in.

ಗುರುವಾರ, ಜೂನ್ 3, 2021 | ಬೆಂಗಳೂರು | ₹ 6.00 | ಸಂಪುಟ 74 | ಸಂಚಿಕೆ 154 | ಪುಟ 12 + 2

www.prajavani.net

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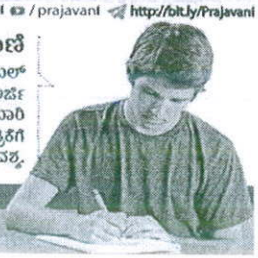
ಪ್ರಜಾವಾಣಿ

ಆತ್ಮಂ ವಿಶ್ವಾಸಾರ್ಹ ಕನ್ನಡ ದಿನಪತ್ರಿಕೆ



ಆಳ-ಅಗಲ
ಸಾಮಾಜಿಕ ಮಾಧ್ಯಮಗಳಿಗೆ ಮಾರ್ಗದರ್ಶಿ

'ಕೆಎಸ್ಆರ್‌ಟಿಸಿ' ಠೇವಣಿಗೆ ಮಾತ್ರ 10

ಕೋವಿಡ್ ತಡೆಗೆ ಪೋಲಿಯೊ ಲಸಿಕೆ! 4

ಸೆನ್ಸೆಕ್ಸ್ 51,849 ನಿಫ್ಟಿ 15,576 ₹/$ 73.09

ಪ್ರಕಟಣೆ

ಪರಿಸರ ಕ್ಲಿಯರೆನ್ಸ್ ಅನ್ನು ಘಟಕದ ಉತ್ಪನ್ನ ಮಿಶ್ರಣದಲ್ಲಿನ ಬದಲಾವಣೆಗೆ ಏಪ್ರಿಲ್ 22, 2020 ರಂದು ಇಂಪ್ಯಾಕ್ಟ್ ಅಸೆಸ್ಮೆಂಟ್ ವಿಭಾಗದ ಎಂಒಇಎಫ್, ವೈಡ್ ಲೆಟರ್ ನಂ 11011/382/2019 ತರುವಾಯ ತಿದ್ದುಪಡಿ ಪತ್ರವನ್ನು ಡಿಸೆಂಬರ್ 9 2020 ರಂದು ಸಿಪ್ಲಾ ಲಿಮಿಟೆಡ್, ಬೊಮ್ಮಸಂದ್ರ 560105 ಅನುಮೋದಿಸಿದೆ ಮತ್ತು ಇದನ್ನು ವೆಬ್ ಸೈಟ್ www.environment clearance.nic.in. ನಲ್ಲಿ ನೋಡಬಹುದು

CIPLA LIMITED * Bangalore * KARNATAKA

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About 60,000 results (0.77 seconds)

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

Report Part 1 - Environmental Clearance

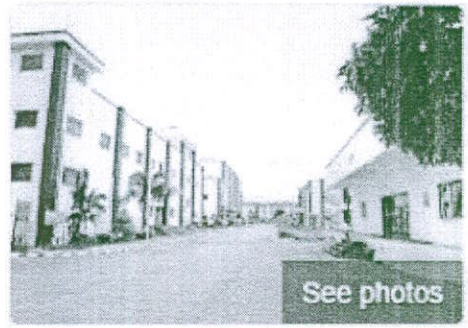
(b)Name of the Company / Organisation, **CIPLA** ... 286 & 287, KIADB Industrial Area, **Bommasandra**-Jigani Link Road, Phase-IV, ... (f)Project Type, Fresh **EC** ...

https://www.cipla.com › sites › default › files › E... PDF

EC-Compliance-Report-Bommansandra.pdf - Cipla

28-May-2021 — **Cipla** Ltd - 100% EOU, Plot No. 285, 286 & 287, **Bommasandra**-Jigani Link Road Industrial Area, KIADB 4th Phase, Jigani Post, Bangalore-560 105.

39 pages



Cipla Ltd.

Website | Directions | Save

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Cipla
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Ambient Air Monitoring Near Api-1 (East Side)									
S.no	Parameters	Limits As per NAAQS	April-21	May-21	June-21	July-21	Aug-21	Sep-21	Average
1	Particulate Matter PM10,ug/m3	100	52.1	49.6	44.4	48.2	49.2	47.2	48.45
2	Particulate Matter PM2.5,ug/m3	60	16.2	21.2	20.2	23.6	25	23.6	21.63
3	Nitrogen Dioxide No2,ug/M3	80	13.2	11.4	11.2	11.8	10.8	11.2	11.60
4	Sulphur Dioxide No2 ug/M3	80	8.3	6.2	5.8	6.4	7.2	6.2	6.68
5	Nickel As Ni mg/m3	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL
6	Lead As Pb ug/m3	1	BDL	BDL	BDL	BDL	BDL	BDL	BDL
7	Arsenic as ng/m3	6	BDL	BDL	BDL	BDL	BDL	BDL	BDL
8	carbon monoxide as co,mg/m3	4	<1.0	<1.0	<1.0	NIL	NIL	0.2	<1.0
9	ozone as O3 u/m3	180	4.2	12	12.6	13.8	12.8	13.2	11.43
10	Ammonia as Nh3,ug/m3	400	6.8	20.2	22.4	24	23.4	23	19.97
11	Benzene ug/m3	5	ND	ND	ND	ND	BDL	ND	ND
12	Benzo(a) pyrene,ng/m3	1	ND	ND	ND	ND	BDL	ND	ND

Ambient Air Monitoring Near Boiler House (West Side)									
S.no	Parameters	Limits As per NAAQS	April-21	May-21	June-21	July-21	Aug-21	Sep-21	Average
1	Particulate Matter PM10,ug/m3	100	55.8	51.6	49.6	46.4	48.2	46.2	49.63
2	Particulate Matter PM2.5,ug/m3	60	19.5	23.4	23.2	22.2	23.6	20.8	22.12
3	Nitrogen Dioxide No2,ug/M3	80	13.4	13.2	11.6	11.2	10.2	9.8	11.57
4	Sulphur Dioxide No2 ug/M3	80	8.7	7.8	7.6	7	6.4	5.6	7.18
5	Nickel As Ni mg/m3	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL
6	Lead As Pb ug/m3	1	BDL	BDL	BDL	BDL	BDL	BDL	BDL
7	Arsenic as ng/m3	6	BDL	BDL	BDL	BDL	BDL	BDL	BDL
8	carbon monoxide as co,mg/m3	4	<1.0	0.4	0.2	0.4	0.2	0.4	<1.0
9	ozone as O3 u/m3	180	4.1	13	13.2	13.8	13	12.8	11.65
10	Ammonia as Nh3,ug/m3	400	6.1	22.4	23	23.8	23	22.2	20.08
11	Benzene ug/m3	5	ND	ND	ND	ND	ND	ND	ND
12	Benzo(a) pyrene,ng/m3	1	ND	ND	ND	ND	ND	ND	ND

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Ambient Air Monitoring Near ETP (North Side)									
S.no	Parameters	Limits As per NAAQS	April-21	May-21	June-21	July-21	Aug-21	Sep-21	Average
1	Particulate Matter PM10,ug/m3	100	64.8	44.2	40.4	39.4	38	40.4	44.53
2	Particulate Matter PM2.5,ug/m3	60	23.2	18.2	18.8	17.6	16.2	17	18.50
3	Nitrogen Dioxide No2,ug/M3	80	17.5	9.2	9.8	9	7.6	8.6	10.28
4	Sulphur Dioxide No2 ug/M3	80	9.8	5.6	5.6	5.2	4.8	5.2	6.03
5	Nickel As Ni mg/m3	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL
6	Lead As Pb ug/m3	1	BDL	BDL	BDL	BDL	BDL	BDL	BDL
7	Arsenic as ng/m3	6	BDL	BDL	BDL	BDL	BDL	BDL	BDL
8	carbon monoxide as co,mg/m3	4	NIL	NIL	NIL	NIL	NIL	NIL	NIL
9	ozone as O3 u/m3	180	6.4	11.6	13	14.4	14	14.2	12.27
10	Ammonia as Nh3,ug/m3	400	8.1	22.2	24.6	25.4	7.8	24	18.68
11	Benzene ug/m3	5	ND	ND	ND	ND	ND	ND	ND
12	Benzo(a) pyrene,ng/m3	1	ND	ND	ND	ND	ND	ND	ND

Ambient Air Monitoring Near Security gate (south side)									
S.no	Parameters	Limits As per NAAQS	April-21	May-21	June-21	July-21	Aug-21	Sep-21	Average
1	Particulate Matter PM10,ug/m3	100	66.6	58.8	56.8	50.4	55.4	50.4	56.40
2	Particulate Matter PM2.5,ug/m3	60	28.2	26.4	29.4	26.8	27.8	25	27.27
3	Nitrogen Dioxide No2,ug/M3	80	16.2	15.6	14.2	13.6	12.2	13.4	14.20
4	Sulphur Dioxide No2 ug/M3	80	9.4	9	9.4	8.6	7.6	8.2	8.70
5	Nickel As Ni mg/m3	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL
6	Lead As Pb ug/m3	1	BDL	BDL	BDL	BDL	BDL	BDL	BDL
7	Arsenic as ng/m3	6	BDL	BDL	BDL	BDL	BDL	BDL	BDL
8	carbon monoxide as co,mg/m3	4	<1.0	0.6	0.4	0.8	0.6	0.8	<1.0
9	ozone as O3 u/m3	180	5	12.8	13.8	14.2	13.2	13.8	12.13
10	Ammonia as Nh3,ug/m3	400	7.4	21.6	23.8	24	22.8	23.4	20.50
11	Benzene ug/m3	5	ND	ND	ND	ND	ND	ND	ND
12	Benzo(a) pyrene,ng/m3	1	ND	ND	ND	ND	ND	ND	ND

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ETP RO Permeate Water									
S.no	Parameters	Limits As per KSPCB	April-21	May-21	June-21	July-21	Aug-21	Sep-21	Average
1	pH	6.0 – 8.5	7.8	7.68	7.48	7.08	6.58	6.82	7.24
2	Total Suspended Solids, mg/L	Max 100	4	5.8	5.2	4.2	3.4	3.8	4.40
3	Chromium as Cr, mg/L	Max 0.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4	Mercury as Hg, mg/L	Max 0.01	BDL	BDL	BDL	BDL	BDL	BDL	BDL
5	Cyanide as CN, mg/L	Max 0.1	Absent	Absent	Absent	Absent	Absent	Absent	Absent
6	Lead as Pb, mg/L	Max 0.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL
7	Arsenic as As, mg/L	Max 0.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL
8	Phenolic compounds as C_6H_5OH, mg/L	Max 1.0	Absent	Absent	Absent	Absent	Absent	Absent	Absent
9	Biochemical oxygen demand (3 days @ 27°c),mg/L	Max 30	3.9	3.6	5.8	6	2.9	3	4.20
10	Oil & Grease, mg/L	Max 10	BDL	1.2	2	1.2	1.4	1	1.36
11	Phosphates as P, mg/L	Max 1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL
12	Sulphide as S, mg/L	2	BDL	BDL	BDL	BDL	BDL	BDL	BDL
13	Bioassay	90% survival of fish after 96 hours in 100%	92% survival of fish after 96 hours in 100%	90% survival of fish after 96 hours in 100%	90% survival of fish after 96 hours in 100%	90% survival of fish after 96 hours in 100%	90% survival of fish after 96 hours in 100%	90% survival of fish after 96 hours in 100%	91% survival of fish after 96 hours in 100%

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Stack Monitoring DG 1500 KVA									
S.no	Parameters	Limits As per NAAQS	April-21	May-21	June-21	July-21	Aug-21	Sep-21	Average
1	Area of cross section of Satck,m2	Ns	0.133	0.113	0.113	0.113	0.113	0.113	0.113
2	Stack top	Ns	Round	Round	Round	Round	Round	Round	Round
3	Temperature. C	Ns	186	206	198	184	176	188	189.67
4	Satck Gas velocity ,m/s	Ns	8.63	9.8	9.9	10.2	9.8	10.4	9.79
5	Rate of Discharge of gas,Nm3/hr	Ns	3501.19	2523	2592	2752.4	2691.6	2782	2807.03
6	Particulate Matter mg/Nm3	75	46.5	29.4	33.6	36.4	38.2	40.4	37.42
7	oxides of sulphur (so2), mg/Nm3	NS	16.2	14.6	15.2	14.4	13.2	12.6	14.37
8	oxides of Nitogen (No2), mg/Nm3	710	28.3	148	102.8	114.2	118	112	103.88
9	carbon monoxide as co,mg/m3	150	36.9	60	40	60	50	60	51.15
10	Non -Methane Hydrocarbon (NMHC),PPM	100	25.8	35.2	26	28	26	28	28.17

Stack Monitoring 1.5 TPH Boiler Chimney									
S.no	Parameters	Limits As per NAAQS	April-21	May-21	June-21	July-21	Aug-21	Sep-21	Average
1	Area of cross section of Satck,m2	Ns	0.196	0.196	0.196	0.196	0.196	0.196	0.196
2	Stack top	Ns	Round	Round	Round	Round	Round	Round	Round
3	Temperature. C	Ns	149	138	146	134	126	118	135.17
4	Satck Gas velocity ,m/s	Ns	8.15	8.2	8.8	8.4	8	7.4	8.16
5	Rate of Discharge of gas,Nm3/hr	Ns	5757.6	4259.6	4484	4406.4	4280.7	4040.6	4538.15
6	Particulate Matter mg/Nm3	75	38.8	6.2	13.4	10.2	9	7.6	14.20
7	oxides of sulphur (so2), mg/Nm3	NS	12.4	BDL	7.8	6.6	5.4	4.4	7.32
8	oxides of Nitogen (No2), mg/Nm3	710	24.5	4	12.6	10.2	8.8	7.8	11.32

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Scrubber -1 (SCB-17 API-1)									
S.no	Parameters	Limits	April-21	May-21	June-21	July-21	Aug-21	Sep-21	Average
1	Area of cross section of stack, m^2	NS	0.102	0.102	0.102	0.102	0.102	0.102	0.102
2	Stack Top.	NS	Round	Round	Round	Round	Round	Round	Round
3	Temperature, °C	NS	35	34	32	34	32	31	33.00
4	Stack gas velocity, m/s	NS	5.67	6	6.8	7.2	7	6.8	6.58
5	Rate of discharge of gas, Nm^3/hr	NS	2076.06	2163.1	2467.6	2595.7	2540.1	2475.7	2386.38
6	Particulate Matter mg/Nm^3	150	18.2	14.2	15.3	13.4	11.8	10.6	13.92
7	Oxides of Sulphur (SO_2), mg/Nm^3	NS	2.3	3.2	3.6	4	4	4.4	3.58
8	Oxides of Nitrogen (NO_2), mg/Nm^3	NS	9.6	8.4	8.9	8.6	7.8	8.8	8.68
9	Acid mist, mg/Nm^3	35	0.85	2.2	2.9	3	3.6	4	2.76
10	Hydrogen sulphide (H_2S), mg/Nm^3	10	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Scrubber -2 (SCB-101 API-1)									
S.no	Parameters	Limits	April-21	May-21	June-21	July-21	Aug-21	Sep-21	Average
1	Area of cross section of stack, m^2	NS	0.102	0.102	0.102	0.102	0.102	0.102	0.102
2	Stack Top.	NS	Round	Round	Round	Round	Round	Round	Round
3	Temperature, °C	NS	33	36	34	32	34	33	33.67
4	Stack gas velocity, m/s	NS	6.47	6.6	6.9	6.8	6.6	7	6.73
5	Rate of discharge of gas, Nm^3/hr	NS	2368.75	2364	2487.5	2467.6	2379.4	2531.8	2433.18
6	Particulate Matter mg/Nm^3	150	19.5	16.4	11.8	10.2	11	12.2	13.52
7	Oxides of Sulphur (SO_2), mg/Nm^3	NS	3.6	3.8	3.8	4.4	5.2	4.8	4.27
8	Oxides of Nitrogen (NO_2), mg/Nm^3	NS	10.5	9.2	7.6	8.2	9.4	9	8.98
9	Acid mist, mg/Nm^3	35	1.4	3	3	3.4	4.4	3.6	3.13
10	Hydrogen sulphide (H_2S), mg/Nm^3	10	BDL	BDL	BDL	BDL	BDL	BDL	BDL

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Scrubber -3 (SCB-201 API-2)									
S.no	Parameters	Limits	April-21	May-21	June-21	July-21	Aug-21	Sep-21	Average
1	Area of cross section of stack, m^2	NS	0.025	0.025	0.025	0.025	0.025	0.025	0.025
2	Stack Top.	NS	Round	Round	Round	Round	Round	Round	Round
3	Temperature, °C	NS	33	32	33	32	31	34	32.50
4	Stack gas velocity, m/s	NS	5.84	5.9	6.1	6.4	6	6.8	6.17
5	Rate of discharge of gas, Nm^3/hr	NS	524.59	535.2	551.6	580.6	546.1	612.9	558.50
6	Particulate Matter mg/Nm^3	150	16.2	13.2	11.8	12.6	11.6	10.8	12.70
7	Oxides of Sulphur (SO_2), mg/Nm^3	NS	5.5	3.6	3.8	4.8	4.4	5	4.52
8	Oxides of Nitrogen (NO_2), mg/Nm^3	NS	10.8	8.6	7.8	8.8	8.2	9	8.87
9	Acid mist, mg/Nm^3	35	1.1	1.8	2.8	3.6	4	3	2.72
10	Hydrogen sulphide (H_2S), mg/Nm^3	10	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Scrubber -4 (SCB-202 API-2)									
S.no	Parameters	Limits	Apr-21	May-21	June-21	July-21	Aug-21	Sep-21	Average
1	Area of cross section of stack, m^2	NS	0.025	0.025	0.025	0.025	0.025	0.025	0.025
2	Stack Top.	NS	Round	Round	Round	Round	Round	Round	Round
3	Temperature, °C	NS	35	35	36	31	33	32	33.67
4	Stack gas velocity, m/s	NS	5.77	6.2	6.9	6.7	6.4	7	6.50
5	Rate of discharge of gas, Nm^3/hr	NS	518.59	557	617.9	609.8	578.7	635	586.17
6	Particulate Matter mg/Nm^3	150	14.8	11.4	12.4	11	10	12.2	11.97
7	Oxides of Sulphur (SO_2), mg/Nm^3	NS	3.4	3.2	4.2	3.8	4.1	5.2	3.98
8	Oxides of Nitrogen (NO_2), mg/Nm^3	NS	12.6	7.4	8.2	8	7.9	9.4	8.92
9	Acid mist, mg/Nm^3	35	1.8	2.2	2.8	3.2	3.6	4.4	3.00
10	Hydrogen sulphide (H_2S), mg/Nm^3	10	BDL	BDL	BDL	BDL	BDL	BDL	BDL

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Scrubber -5 (SCB-203 API-2)									
S.no	Parameters	Limits	Apr-21	May-21	June-21	July-21	Aug-21	Sep-21	Average
1	Area of cross section of stack, m^2	NS	0.08	0.08	0.08	0.08	0.08	0.08	0.08
2	Stack Top.	NS	Round	Round	Round	Round	Round	Round	Round
3	Temperature, °C	NS	35	36	37	35	32	34	34.83
4	Stack gas velocity, m/s	NS	5.86	6.8	7.2	7	6.6	7.2	6.78
5	Rate of discharge of gas, Nm^3/hr	NS	1680.99	1924.4	2031.1	1987.5	1892.3	2050.9	1927.87
6	Particulate Matter mg/Nm^3	150	14.8	15.4	15.9	13.6	12.2	11.6	13.92
7	Oxides of Sulphur (SO_2), mg/Nm^3	NS	8.2	4.2	5.2	4.8	4.6	4.2	5.20
8	Oxides of Nitrogen (NO_2), mg/Nm^3	NS	14.9	9.6	10	9.6	9	8	10.18
9	Acid mist, mg/Nm^3	35	1.05	2.8	3	2.6	3.4	3.2	2.68
10	Hydrogen sulphide (H_2S), mg/Nm^3	10	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Scrubber -6 (SCB-204 API-2)									
S.no	Parameters	Limits	Apr-21	May-21	June-21	July-21	Aug-21	Sep-21	Average
1	Area of cross section of stack, m^2	NS	0.038	0.038	0.038	0.038	0.038	0.038	0.038
2	Stack Top.	NS	Round	Round	Round	Round	Round	Round	Round
3	Temperature, °C	NS	36	34	35	33	34	30	33.67
4	Stack gas velocity, m/s	NS	5.97	5.6	6.2	6.4	7	6.6	6.30
5	Rate of discharge of gas, Nm^3/hr	NS	814.44	754	832	864.5	942.5	900.3	851.29
6	Particulate Matter mg/Nm^3	150	12.4	13	13	11.4	12	10.2	12.00
7	Oxides of Sulphur (SO_2), mg/Nm^3	NS	7.2	3.4	4.2	3.8	4.6	4	4.53
8	Oxides of Nitrogen (NO_2), mg/Nm^3	NS	16.4	8.8	9.2	7.8	8.2	8.4	9.80
9	Acid mist, mg/Nm^3	35	1.9	2.6	2.4	2.6	3	3.6	2.68
10	Hydrogen sulphide (H_2S), mg/Nm^3	10	BDL	BDL	BDL	BDL	BDL	BDL	BDL

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Scrubber -7 (SCB-205 API-2)									
S.no	Parameters	Limits	Apr-21	May-21	June-21	July-21	Aug-21	Sep-21	Average
1	Area of cross section of stack, m^2	NS	0.042	0.042	0.042	0.042	0.042	0.042	0.042
2	Stack Top.	NS	Round	Round	Round	Round	Round	Round	Round
3	Temperature, °C	NS	35	31	32	34	30	33	32.50
4	Stack gas velocity, m/s	NS	6.66	5.8	6.1	6.6	6	7.4	6.43
5	Rate of discharge of gas, Nm^3/hr	NS	1017.56	861.9	903.5	971.2	894.6	1092.5	956.88
6	Particulate Matter mg/Nm^3	150	13.8	12.8	12.4	13	12.2	13.2	12.90
7	Oxides of Sulphur (SO_2), mg/Nm^3	NS	6.5	3	4	4.8	5.2	4.8	4.72
8	Oxides of Nitrogen (NO_2), mg/Nm^3	NS	14.6	8.4	8.9	8.6	9.8	9.6	9.98
9	Acid mist, mg/Nm^3	35	1.7	2.4	2.6	3	3.8	3.2	2.78
10	Hydrogen sulphide (H_2S), mg/Nm^3	10	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Scrubber -8 (SCB-206 API-2)									
S.no	Parameters	Limits	Apr-21	May-21	June-21	July-21	Aug-21	Sep-21	Average
1	Area of cross section of stack, m^2	NS	0.042	0.042	0.042	0.042	0.042	0.042	0.042
2	Stack Top.	NS	Round	Round	Round	Round	Round	Round	Round
3	Temperature, °C	NS	33	33	34	36	34	32	Round
4	Stack gas velocity, m/s	NS	5.85	6	6.9	7	6.6	6.8	33.67
5	Rate of discharge of gas, Nm^3/hr	NS	892.89	885.8	1015.4	1023.4	971.2	1007.2	6.53
6	Particulate Matter mg/Nm^3	150	18.7	13	14	12.6	11	12.8	965.98
7	Oxides of Sulphur (SO_2), mg/Nm^3	NS	7.4	3.8	4.2	4.8	4	5	13.68
8	Oxides of Nitrogen (NO_2), mg/Nm^3	NS	18.8	9.6	10	9.4	8.2	9.4	4.87
9	Acid mist, mg/Nm^3	35	1.5	2.8	3	2.8	3.6	4	10.90
10	Hydrogen sulphide (H_2S), mg/Nm^3	10	BDL	BDL	BDL	BDL	BDL	BDL	2.95

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Scrubber -9 (SCB-207 API-2)									
S.no	Parameters	Limits	Apr-21	May-21	June-21	July-21	Aug-21	Sep-21	Apr-21
1	Area of cross section of stack, m^2	NS	0.042	0.042	0.042	0.042	0.042	0.042	0.042
2	Stack Top.	NS	Round	Round	Round	Round	Round	Round	Round
3	Temperature, °C	NS	36	34	35	32	31	33	33.50
4	Stack gas velocity, m/s	NS	6.92	6.5	7.2	6.8	6	6.4	6.64
5	Rate of discharge of gas, Nm^3/hr	NS	1056.74	956.5	1056.1	1007.2	891.6	944.9	985.51
6	Particulate Matter mg/Nm^3	150	14.4	14.6	15.2	12.6	11.4	12	13.37
7	Oxides of Sulphur (SO_2), mg/Nm^3	NS	2.1	4	5	4.4	4	4.4	3.98
8	Oxides of Nitrogen (NO_2), mg/Nm^3	NS	11.4	9.8	10	8.6	8	8.8	9.43
9	Acid mist, mg/Nm^3	35	1.8	3	4	3.2	2.8	3.4	3.03
10	Hydrogen sulphide (H_2S), mg/Nm^3	10	BDL	BDL	BDL	BDL	BDL	BDL	BDL

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Sound level Monitoring Report (Night time) – Sep-2021

Date: 17.09.2021

S. No	Area	Sound level in (dB)	Remarks/ Controls
01	Work permit station outside Area	55.8	--
02	Utility area Compressor 1 & 2	70.2	--
03	Cooling tower area	68.2	--
04	Compressor area	65.1	--
05	API-II Hot water system area	72.6	--
06	N2 Plant	74.1	--
07	Transformer yard	55.8	--
08	Water plant	62.1	--
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	46.5	--
16	Solvent storage area	47.2	--
17	Boiler house (Inside)	72.1	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	55.3	--
22	API-I N2 plant	70.7	--
23	Brine chiller – API - Utility	68.3	--
24	High vacuum pump area API-II	70.5	--
25	RO Plant	56.5	off
26	Decanter	52.3	off
27	Workshop/ Fabrication shed	48.9	--
28	Material entry Security gate	50.2	--
29	API-II Terrace	52.6	--
30	API-I Terrace	53.4	--

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

Monitoring Done By:
Date: 17.09.2021

Reviewed By:
Date: 19.09.2021

CIPLA LIMITED Bangalore BOMMASANDRA

Cipla
Bommasandra

Sound level Monitoring Report (Day Time) – Apr-2021

Date: 11.04.2021

S. No	Area	Sound level in (dB)	Remarks/ Controls
01	Work permit station outside Area	44.9	--
02	Utility area Compressor 1 & 2	72.5	--
03	Cooling tower area	70.2	--
04	Compressor area	73.1	--
05	API-II Hot water system area	69.5	--
06	N2 Plant	72.3	--
07	Transformer yard	60.3	--
08	Water plant	62.8	--
09	Power house	56.2	--
10	ETP LAB	42.6	--
11	ETP Blowers	75.4	--
12	MEE (Outside)	58.5	Off Mode
13	ETP intermediate tank area	65.3	--
14	ETP Panel room	50.3	--
15	Non CCOE	53.2	--
16	Solvent storage area	65.9	Furnace Oil Pump Running
17	Boiler house (Inside)	72.9	Running
18	Boiler house DG area	54.1	Off Mode
19	Fire Hydrant Pump house	61.2	Off Mode
20	Stores vehicle parking area	50.3	--
21	Main Security gate	51.3	--
22	API-I N2 plant	73.4	--
23	Brine chiller – API - Utility	70.3	--
24	High vacuum pump area API-II	73.6	--
25	RO Plant	48.6	Off Mode
26	Decanter	50.6	Off Mode
27	Workshop/ Fabrication shed	70.3	--
28	Material entry Security gate	62.4	--
29	API-II Terrace	67.3	--
30	API-I Terrace	63.5	--

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

Monitoring Done By:
Date: 11.04.2021

Reviewed By:
Date: 12.04.2021

CIPLA LIMITED ★ Bangalore ★ BOMMASANDRA

Cipla
Bommasandra

Sound level Monitoring Report (Night time) – Apr-2021

Date: 09.04.2021

S. No	Area	Sound level in (dB)	Remarks/ Controls
01	Work permit station outside Area	46.8	--
02	Utility area Compressor 1 & 2	71.0	--
03	Cooling tower area	63.2	--
04	Compressor area	63.25	--
05	API-II Hot water system area	67.8	--
06	N2 Plant	71.1	--
07	Transformer yard	50.8	--
08	Water plant	60.3	--
09	Power house	46.5	--
10	ETP LAB	46.5	--
11	ETP Blowers	65.31	--
12	MEE (Outside)	52.9	Off Mode
13	ETP intermediate tank area	58.4	--
14	ETP Panel room	45.2	--
15	Non CCOE	42.5	--
16	Solvent storage area	48.0	--
17	Boiler house (Inside)	69.3	Running
18	Boiler house DG area	55.3	Off Mode
19	Fire Hydrant Pump house	45.1	Off mode
20	Stores vehicle parking area	43.1	--
21	Main Security gate	49.3	--
22	API-I N2 plant	67.5	--
23	Brine chiller – API - Utility	65.6	--
24	High vacuum pump area API-II	69.3	--
25	RO Plant	69.4	Running
26	Decanter	52.1	Off Mode
27	Workshop/ Fabrication shed	58.8	--
28	Material entry Security gate	49.3	--
29	API-II Terrace	60.5	--
30	API-I Terrace	58.7	--

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

Monitoring Done By:
Date: 09.04.2021

Reviewed By:
Date: 12.04.2021

CIPLA LIMITED Bangalore BOMMASANDRA

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Sound level Monitoring Report (Day Time) – Jun-2021

Date: 16.06.2021

S. No	Area	Sound level in (dB)	Remarks/ Controls
01	Work permit station outside Area	50.6	--
02	Utility area Compressor 1 & 2	73.4	--
03	Cooling tower area	66.7	--
04	Compressor area	72.4	--
05	API-II Hot water system area	69.7	--
06	N2 Plant	70.3	--
07	Transformer yard	61.4	--
08	Water plant	70.5	--
09	Power house	58.3	--
10	ETP LAB	45.3	--
11	ETP Blowers	76.3	--
12	MEE (Outside)	60.5	Off Mode
13	ETP intermediate tank area	62.8	--
14	ETP Panel room	55.3	--
15	Non CCOE	50.1	--
16	Solvent storage area	54.3	-
17	Boiler house (Inside)	71.4	Running
18	Boiler house DG area	74.4	On Mode
19	Fire Hydrant Pump house	60.7	Off Mode
20	Stores vehicle parking area	50.1	--
21	Main Security gate	50.6	--
22	API-I N2 plant	69.7	--
23	Brine chiller – API - Utility	71.4	--
24	High vacuum pump area API-II	73.2	--
25	RO Plant	50.2	Off Mode
26	Decanter	60.3	On Mode
27	Workshop/ Fabrication shed	65.3	--
28	Material entry Security gate	54.2	--
29	API-II Terrace	65.7	--
30	API-I Terrace	62.3	--

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

Monitoring Done By:
Date: 16.06.2021

Reviewed By: Satish M.
Date: 17.06.2021

CIPLA LIMITED Bangalore BOMMASANDRA

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Sound level Monitoring Report (Night time) – Jun-2021

Date: 17.06.2021

S. No	Area	Sound level in (dB)	Remarks/ Controls
01	Work permit station outside Area	50.2	--
02	Utility area Compressor 1 & 2	68.7	--
03	Cooling tower area	62.3	--
04	Compressor area	60.2	--
05	API-II Hot water system area	71.5	--
06	N2 Plant	70.3	--
07	Transformer yard	53.8	--
08	Water plant	58.4	--
09	Power house	46.3	--
10	ETP LAB	46.7	--
11	ETP Blowers	66.8	--
12	MEE (Outside)	60.3	Off Mode
13	ETP intermediate tank area	56.3	--
14	ETP Panel room	50.2	--
15	Non CCOE	43.6	--
16	Solvent storage area	42.8	--
17	Boiler house (Inside)	68.7	Running
18	Boiler house DG area	61.5	Off Mode
19	Fire Hydrant Pump house	60.3	Off mode
20	Stores vehicle parking area	48.5	--
21	Main Security gate	53.6	--
22	API-I N2 plant	70.1	--
23	Brine chiller – API - Utility	64.6	--
24	High vacuum pump area API-II	70.3	--
25	RO Plant	70.1	Running
26	Decanter	64.1	On Mode
27	Workshop/ Fabrication shed	48.3	--
28	Material entry Security gate	50.3	--
29	API-II Terrace	56.2	--
30	API-I Terrace	50.9	--

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

Monitoring Done By:
Date: 17.06.2021

Reviewed By:
Date: 17.06.2021

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Sound level Monitoring Report (Night time) – Jul-2021

Date: 15.07.2021

S. No	Area	Sound level in (dB)	Remarks/ Controls
01	Work permit station outside Area	52.2	--
02	Utility area Compressor 1 & 2	70.5	--
03	Cooling tower area	63.1	--
04	Compressor area	65.3	--
05	API-II Hot water system area	72.7	--
06	N2 Plant	68.3	--
07	Transformer yard	55.1	--
08	Water plant	56.8	--
09	Power house	47.2	--
10	ETP LAB	45.3	--
11	ETP Blowers	63.4	--
12	MEE (Outside)	61.3	Off Mode
13	ETP intermediate tank area	58.3	--
14	ETP Panel room	52.7	--
15	Non CCOE	48.3	--
16	Solvent storage area	44.6	--
17	Boiler house (Inside)	70.2	Running
18	Boiler house DG area	64.3	Off Mode
19	Fire Hydrant Pump house	61.2	Off mode
20	Stores vehicle parking area	45.9	--
21	Main Security gate	60.2	--
22	API-I N2 plant	73.5	--
23	Brine chiller – API - Utility	61.4	--
24	High vacuum pump area API-II	68.3	--
25	RO Plant	72.5	Running
26	Decanter	68.5	On Mode
27	Workshop/ Fabrication shed	47.3	--
28	Material entry Security gate	52.3	--
29	API-II Terrace	53.4	--
30	API-I Terrace	56.6	--

Note: Noise level monitored in the Time of 01:00 Hrs. to 03:30 Hrs.

Monitoring Done By:
Date: 15.07.2021

CIPLA LIMITED ★ Bangalore ★ BOMMASANDRA

Reviewed By:
Date: 17.06.2021

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Bommasandra

Sound level Monitoring Report (Day Time) – Jul-2021

Date: 15.07.2021

S. No	Area	Sound level in (dB)	Remarks/ Controls
01	Work permit station outside Area	49.9	--
02	Utility area Compressor 1 & 2	71.5	--
03	Cooling tower area	63.2	--
04	Compressor area	75.4	--
05	API-II Hot water system area	70.3	--
06	N2 Plant	74.3	--
07	Transformer yard	63.4	--
08	Water plant	72.1	--
09	Power house	56.8	--
10	ETP LAB	49.6	--
11	ETP Blowers	73.5	--
12	MEE (Outside)	58.7	Off Mode
13	ETP intermediate tank area	59.6	--
14	ETP Panel room	52.3	--
15	Non CCOE	48.6	--
16	Solvent storage area	56.3	-
17	Boiler house (Inside)	72.8	Running
18	Boiler house DG area	74.0	On Mode
19	Fire Hydrant Pump house	58.9	Off Mode
20	Stores vehicle parking area	52.3	--
21	Main Security gate	51.0	--
22	API-I N2 plant	68.4	--
23	Brine chiller – API - Utility	70.3	--
24	High vacuum pump area API-II	71.3	--
25	RO Plant	68.2	Off Mode
26	Decanter	54.3	Off Mode
27	Workshop/ Fabrication shed	63.4	--
28	Material entry Security gate	53.1	--
29	API-II Terrace	62.3	--
30	API-I Terrace	61.5	--

Note: Sound level monitored in the Time of 14:00 Hrs. to 18:00 Hrs.

Monitoring Done By:
Date: 15.07.2021

Reviewed By:
Date: 16.07.2021

CIPLA LIMITED Bangalore BOMMASANDRA

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Sound level Monitoring Report (Night time) – Aug-2021

Date: 28.08.2021

S. No	Area	Sound level in (dB)	Remarks/ Controls
01	Work permit station outside Area	53.2	--
02	Utility area Compressor 1 & 2	73.3	--
03	Cooling tower area	66.3	--
04	Compressor area	61.7	--
05	API-II Hot water system area	75.3	--
06	N2 Plant	70.3	--
07	Transformer yard	58.4	--
08	Water plant	60.3	--
09	Powerhouse	50.7	--
10	ETP LAB	48.5	--
11	ETP Blowers	61.4	--
12	MEE (Outside)	64.5	Off Mode
13	ETP intermediate tank area	55.3	--
14	ETP Panel room	50.3	--
15	Non CCOE	47.9	--
16	Solvent storage area	45.1	--
17	Boiler house (Inside)	73.2	Running
18	Boiler house DG area	61.7	Off Mode
19	Fire Hydrant Pump house	65.3	Off mode
20	Stores vehicle parking area	48.9	--
21	Main Security gate	52.7	--
22	API-I N2 plant	71.8	--
23	Brine chiller – API - Utility	63.4	--
24	High vacuum pump area API-II	67.1	--
25	RO Plant	74.2	Running
26	Decanter	65.3	On Mode
27	Workshop/ Fabrication shed	50.7	--
28	Material entry Security gate	48.2	--
29	API-II Terrace	56.3	--
30	API-I Terrace	51.9	--

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

Monitoring Done By:
Date: 28.08.2021

CIPLA LIMITED Bangalore BOMMASANDRA

Reviewed By:
Date: 29.08.2021

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Sound level Monitoring Report (Day Time) – Sep-2021

Date: 30.09.2021

S. No	Area	Sound level in (dB)	Remarks/ Controls
01	Work permit station outside Area	50.1	--
02	Utility area Compressor 1 & 2	72.3	--
03	Cooling tower area	67.9	--
04	Compressor area	72.7	--
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	58.4	--
10	ETP LAB	45.8	--
11	ETP Blowers	72.4	--
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)	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	51.3	--
21	Main Security gate	51.8	--
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	62.8	--

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

Monitoring Done By:
Date: 30.09.2021

Reviewed By:
Date: 01.10.2021

CIPLA LIMITED ★ Bangalore ★ BOMMASANDRA

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Sound level Monitoring Report (Day Time) – Aug-2021

Date: 26.08.2021

S. No	Area	Sound level in (dB)	Remarks/ Controls
01	Work permit station outside Area	51.3	--
02	Utility area Compressor 1 & 2	70.4	--
03	Cooling tower area	65.8	--
04	Compressor area	71.4	--
05	API-II Hot water system area	68.2	--
06	N2 Plant	74.3	--
07	Transformer yard	63.4	--
08	Water plant	72.0	--
09	Power house	59.3	--
10	ETP LAB	51.2	--
11	ETP Blowers	71.3	--
12	MEE (Outside)	61.5	Off Mode
13	ETP intermediate tank area	57.8	--
14	ETP Panel room	56.3	--
15	Non CCOE	45.7	--
16	Solvent storage area	58.1	-
17	Boiler house (Inside)	70.3	Running
18	Boiler house DG area	76.0	On Mode
19	Fire Hydrant Pump house	60.9	Off Mode
20	Stores vehicle parking area	54.3	--
21	Main Security gate	50.0	--
22	API-I N2 plant	71.3	--
23	Brine chiller – API - Utility	74.3	--
24	High vacuum pump area API-II	68.5	--
25	RO Plant	64.3	Off Mode
26	Decanter	60.7	Off Mode
27	Workshop/ Fabrication shed	65.8	--
28	Material entry Security gate	51.3	--
29	API-II Terrace	60.7	--
30	API-I Terrace	63.8	--

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

Monitoring Done By:
Date: 26.08.2021

Reviewed By:
Date: 26.08.2021

CIPLA LIMITED Bangalore BOMMASANDRA