

BY E-MAIL

RPGLS/THN/VSN/EC/MoEF & CC/20.
Dated: 25th May 2021.

To,
The Director,
Ministry of Environment, Forests & climate change,
Regional Office, (WCZ), Ground Floor, East Wing,
New Secretariat Building, Civil Lines, Nagpur – 440001
E-mail ID: ecompliance-mh@gov.in; moefregionalofficenagpur@gmail.com

Subject: Submission of half yearly compliance report in respect of the stipulated prior Environment clearance terms and conditions for our project of Change in product mix of Active Pharmaceutical Ingredients (API) at existing unit located at Plot No.: 25/25A, MIDC Land, Thane-Belapur Road, Pawne, Navi Mumbai 400703, Maharashtra, Second half yearly progress / Status report on EC Compliance.

Ref: Environmental Clearance letter SEIAA-EC-0000000471 dated 29th October, 2018 granted by SEIAA, Govt. of Maharashtra.

Dear Sir,

We have received the Environment Clearance from State Environment Impact Assessment Authority (SEIAA), Government of Maharashtra on 29th October 2018 for our Project. As per the requirement, we are submitting herewith **First half yearly post EC compliance, (5th) project status report** for the duration of **December 2020 to May 2021.**

With this reference we wish to submit the details required as below:

1. Current status of Project
2. Compliance of EC conditions (Specific and General)
3. Environmental Monitoring Reports

We hope you will find same in line with your requirements.

Thanking You,

For RPG Life Sciences Ltd.



Authorized Signatory

Enclosures: As above in soft copies

Copy for information to:

- (1) **Sh. B.R. Naidu (Scientist 'E' & In-charge)**, Central Pollution Control Board, Opp. VMC Ward office No.10, Subhanpura, Vadodara – 390 023, Gujrat. E-mail ID: brnaidu.cpcb@nic.in
- (2) **Regional Officer – Navi Mumbai**, Maharashtra Pollution Control Board, Raigad Bhavan, 7th floor, Sector-11, C.B.D Belapur, Navi Mumbai-400614. E-mail ID: ronavimumbai@mpcb.gov.in
- (3) **Sub-Regional Officer – Navi Mumbai-I**, Maharashtra Pollution Control Board, 7th floor, Raigad Bhavan, Sector-11, C.B.D Belapur, Navi Mumbai 400614. E-mail ID: sronavimumbai1@mpcb.gov.in

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Point by Point comment on Environment Clearance letter

SPECIFIC CONDITIONS

Sr. No.	Terms and conditions in EC	Compliance
1	PP to submit plan to rationalize the inventory of Sodium Borohydrate	<ul style="list-style-type: none"> ● PP has maintained Sodium Borohydrate inventory level equal to its annual consumption, i.e. 2 KG/Annum. ● Plan to rationalize the inventory along with its justification for the Inventory of Sodium Borohydrate is attached as Refer Annexure No.-III.
2	PP shall comply with the conditions mentioned with ANNEXURE XX of the Office Memorandum issued MoEF &CC vide F.No.22034/2018-IA.III dt. 09.08.2018.	

COMPLIANCE TO ANNEXURE XX OF THE OFFICE MEMORANDUM ISSUED MoEF&CC

I	Statutory compliance:	
i	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.	<ul style="list-style-type: none"> ● Not Applicable. The project is in the notified industrial area. No forest land involved.
ii	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	<ul style="list-style-type: none"> ● Not Applicable.
iii	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-1 species in the study area)	<ul style="list-style-type: none"> ● Not Applicable. As schedule-1 species was not observed in the study area.
iv	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.	<ul style="list-style-type: none"> ● Project Proponent has obtained the Consent to operate (CTO). The copy of CTO is attached as an Annexure No.-II. ● Project Proponent has applied for renewal of CTO with change in product mix. The copy of application is attached as Refer Annexure No.-XIV.
v	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	<ul style="list-style-type: none"> ● Project Proponent has obtained the authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time as per Refer Annexure No.-II. ● Membership certificate of CHWTSDF is attached as an Refer Annexure No.-IV.
vi	The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules,	<ul style="list-style-type: none"> ● Not applicable. The company is not falling under the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules,

	1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989	1989 because the production is very low. All Hazardous chemicals are transported as per the Motor Vehicle Act (MVA), 1989.
II	Air quality monitoring and preservation	
i	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	<ul style="list-style-type: none"> ● Not applicable as per direction from CPCB with reference no. B-29016/04/06/TCI-I/5401, dated 5th Feb 2014, (Annexure –II, Sr.no.11- Pharmaceuticals)
ii	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.	<ul style="list-style-type: none"> ● Fugitive emissions (Workplace monitoring) in the plant premises are being done once in three months through labs recognized under Environment (Protection) Act, 1986. Refer Annexure No.-V.
iii	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM ₁₀ and PM _{2.5} in reference to PM emission, and SO ₂ and NO _x in reference to SO, and NO _x emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.	<ul style="list-style-type: none"> ● Ambient Air quality monitoring is being carried out once in three months as per specified conditions. Refer Annexure No.-VI.
iv	To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.	<ul style="list-style-type: none"> ● PP is using Pipeline Natural Gas as clean fuel for Boiler which itself controls pollution level. Also, adequate stack height is provided as per the CPCB/SPCB guidelines.
v	Storage of raw materials, coal etc. shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	<ul style="list-style-type: none"> ● Raw materials are stored in enclosed areas as per GMP guidelines & maintained adequate ventilation through Air Handling Units to prevent dust pollution and other fugitive emissions.
vi	National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed.	<ul style="list-style-type: none"> ● The Project Proponent is following the National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amend time to time.
vii	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16" November, 2009 shall be complied with	<ul style="list-style-type: none"> ● The Project Proponent is complying The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16" November, 2009.
III	Water quality monitoring and preservation	
i	The project proponent shall provide online continuous monitoring of effluent, the unit shall	<ul style="list-style-type: none"> ● The project proponent has provided online continuous effluent monitoring system along with

	install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises (applicable in case of the projects achieving ZLD)	Ultrasonic Digital Flow meters at “V notch” and the treated effluent is being discharged to CETP.
ii	As already committed by the project proponent, Zero Liquid Discharge shall be ensured, and no waste/treated water shall be discharged outside the premises (applicable in case of the projects achieving the ZLD).	<ul style="list-style-type: none"> ● The Project Proponent is having existing full-fledged Effluent Treatment Plant comprising Primary, Secondary and Tertiary treatment. The treated effluent is being discharged through MIDC drainage lines to TBIA-CETP for which membership is obtained as per Refer Annexure No.-VII.
iii	The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent.	<ul style="list-style-type: none"> ● The effluent discharge is conforming to the standards prescribed by the State Pollution Control Board while granting Consent under the Air/Water Act. Refer Annexure No.-VIII.
iv	Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.	<ul style="list-style-type: none"> ● Total existing freshwater requirement is within limits and no additional water quantities will require. Water permission letter is attached as an Refer Annexure No.-IX.
v	Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.	<ul style="list-style-type: none"> ● To avoid mixing of wastewater with storm water it is being handled through closed pipelines from the source of generation to ETP. ● Separate storm water drains are provided.
vi	The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.	<ul style="list-style-type: none"> ● Rainwater harvesting system is provided at site, the harvested water is being used for toilet-urinal flushing and for cooling tower make-up. ● The harvested rainwater is not being used for recharging as water table in the area is already high. Also, there are restrictions by MIDC for boaring in industrial areas.
vii	vii. The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.	<ul style="list-style-type: none"> ● DG set is equipped with proper pollution control devises and adequate stack height is provided as per the given guidelines.
IV	Noise monitoring and prevention	
i	Acoustic enclosure shall be provided to DG set for controlling the noise pollution.	<ul style="list-style-type: none"> ● D.G. set of 625 KVA is installed in a closed room. Being very old installation, the D.G. room will be provided with Acoustical enclosure to control noise pollution.
ii	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.	<ul style="list-style-type: none"> ● Noise control measures at the source of generation are taken within factory premises and the ambient noise levels are checked on periodical basis.
iii	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during daytime and 70 dB(A) during night-time	<ul style="list-style-type: none"> ● The Ambient Noise level in the study area is within stipulated standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during daytime and 70 dB(A) during night-time prescribed by CPCB for industrial sector. Refer Annexure No.-X.

V	Energy Conservation measures	
i	The energy sources for lighting purposes shall preferably be LED based.	<ul style="list-style-type: none"> As energy conservation measures, PP has provided LED for lighting purposes.
VI	Waste management	
i	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.	<ul style="list-style-type: none"> Hazardous chemicals are stored in safe manner as per recommendation of MSDS. Also, flame arresters are provided on bulk storage tanks. The solvent is being transferred / handled through closed pipeline using pumps.
ii	Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.	<ul style="list-style-type: none"> Organic residue, spent carbon, ETP sludge are being disposed to CHWTSDF periodically as per Hazardous and other Waste Management Rules, 2016.
iii	The company shall undertake waste minimization measures as below: -	
a	Metering and control of quantities of active ingredients to minimize waste.	<ul style="list-style-type: none"> Batch wise measured quantities of active ingredients and raw materials being issued to manufacturing dept. for control of quantities to minimize waste.
b	Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.	<ul style="list-style-type: none"> By-products are being sold to SPCB authorized vendor as the same is not meeting quality specifications for re-use.
c	Use of automated filling to minimize spillage.	<ul style="list-style-type: none"> For accidental spillage control, spill kits are provided to absorbed with Boric Acid / Soda ash and moped clean.
d	Use of Close Feed system into batch reactors.	<ul style="list-style-type: none"> For liquid charging, closed feed system is provided to all batch reactors and to control fugitive emissions.
e	Venting equipment through vapour recovery system.	<ul style="list-style-type: none"> For equipment venting, wet gas scrubbers are provided, and process stack of the scrubber is periodically being monitored.
f	Use of high-pressure hoses for equipment clearing to reduce wastewater generation	<ul style="list-style-type: none"> The Project Proponent is already using high pressure water jet systems for equipment clearing to reduce wastewater generation.
VII	Green Belt	
i	The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along roadsides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.	<ul style="list-style-type: none"> Total green belt area is 12414 sq. m, which is 36% of total plot area; there are around 3700 nos. of trees and shrubs are already planted at the site. Plants are selected as per CPCB guideline in consultation with the State Forest Department.
VIII	Safety, Public hearing and Human health issues	
i	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	<ul style="list-style-type: none"> Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan is implemented.
ii	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms.	<ul style="list-style-type: none"> The unit has made necessary arrangements for protection of possible fire hazards during manufacturing process and material handling. Firefighting system are provided as per the norms.

iii	The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	<ul style="list-style-type: none"> ● All PPEs are being provided to workmen as per the hazards involved in the job. The records is being maintained.
iv	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	<ul style="list-style-type: none"> ● Training to all employees on various topics like: Safety induction, Material Handling, Industrial Safety, On Site Emergency Plan, Work Permit System, Fire Prevention, Use of PPEs being imparted on regular basis. ● Health aspects of all the people being evaluated through Pre-employment and periodical medical examinations on regular basis. Records of all above available for inspection.
v	Provision shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	<ul style="list-style-type: none"> ● Not applicable. There is no expansion or new project over the site.
vi	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	<ul style="list-style-type: none"> ● Occupational health surveillance program is conducted on regular basis for all the employees and their records are maintained in Form no.7 as per the Maharashtra Factories Act.
vii	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places	<ul style="list-style-type: none"> ● 12.5% of total area is kept for parking inside the premises for vehicles of raw materials and finished products. No vehicle is being parked outside factory premises at public place.
IX	IX. Corporate Environment Responsibility	
i	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1 st May 2018, as applicable, regarding Corporate Environment Responsibility.	<ul style="list-style-type: none"> ● The project proponent will comply with the provisions of Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
ii	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	<ul style="list-style-type: none"> ● The company has the environmental policy duly signed by Managing Director which is revised on 10.10.2018 and the same is displayed at conspicuous places in English and Marathi language for the awareness. ● Regular environmental checks w.r.t. consent to operate conditions being done. ● Environmental Policy as per attached Refer Annexure No.-XI.
iii	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	<ul style="list-style-type: none"> ● A separate Environmental Cell at project level is available with qualified personnel under the control of AGM-EHS, who is directly reporting to the head operations of the organization.

iv	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.	<ul style="list-style-type: none"> ● Action plan for implementing EMP and environmental conditions of the company is prepared and submitted for approved to the competent authority. The year wise funds earmarked for environmental protection measures will be kept in separate account and not be diverted for any other purpose. Year wise progress of implementation of action plan will be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report. ● Acknowledged copy of application of action plan for implementing EMP and environmental conditions of the company is prepared & attached as Refer Annexure No.-XII.
v	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	<ul style="list-style-type: none"> ● Self-environmental audit will be conducted annually. Every three years third party environmental audit will be carried out.
X	Miscellaneous	
i	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	<ul style="list-style-type: none"> ● The Project Proponent have already circulated in the public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers i.e Marathi and English of the District. And displayed in the project proponent's website permanently. ● Advertisement in Marathi & English is attached as Refer Annexure No.-I.
ii	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	<ul style="list-style-type: none"> ● Not Applicable, as there is no expansion of the project. EC obtained for obtaining change in product mix within existing quantities.
iii	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	<ul style="list-style-type: none"> ● The project proponent has uploaded the status of compliance of the stipulated environment clearance conditions, including results of monitored data on the website and updated the same on half-yearly basis.
iv	The project proponent shall monitor the criteria pollutants level namely; PM ₁₀ , SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	<ul style="list-style-type: none"> ● The project proponent is monitoring the criteria pollutants level namely; PM₁₀, SO_x, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and displayed the same at entrance of main gate for disclosure to the public and the same is put on the website of the company.
v	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	<ul style="list-style-type: none"> ● The project proponent will submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.

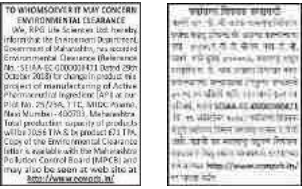
vi	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	<ul style="list-style-type: none"> The project proponent will submit the environmental statement for each financial year in Form-V to the Maharashtra State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
vii	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	<ul style="list-style-type: none"> The project proponent is not expanding the project & will operate in existing facility with change in product mix on getting CTO.
viii	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	<ul style="list-style-type: none"> The project authorities is strictly adhering to the stipulations made by the State Pollution Control Board and the State Government.
ix	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	<ul style="list-style-type: none"> The project proponent will abide by all the commitments and recommendations made in the EIA/EMP report, and also that during their presentation to the Expert Appraisal Committee. Public Hearing is not applicable for this project.
x	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	<ul style="list-style-type: none"> No further expansion or modifications in the plant will be carried out with prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
xi	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	<ul style="list-style-type: none"> Agreed
xii	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	<ul style="list-style-type: none"> Agreed
xiii	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	<ul style="list-style-type: none"> Yes. If such conditions imposed.
xiv	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	<ul style="list-style-type: none"> Agreed
xv	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of	<ul style="list-style-type: none"> Agreed.

	India / High Courts and any other Court of Law relating to the subject matter.	
xvi	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	• Ok.

General Conditions

i	PP to achieve Zero Liquid Discharge; PP shall ensure that there is no increase in the effluent load to CETP.	<ul style="list-style-type: none"> • The Project Proponent is having existing full-fledged Effluent Treatment Plant comprising Primary, Secondary and Tertiary treatment. The treated effluent is being discharged through MIDC drainage lines to TBIA-CETP. PP will ensure that there is no increase in the effluent load to CETP.
ii	No additional land shall be used /acquired for any activity of the project without obtaining proper Permission.	<ul style="list-style-type: none"> • No additional land will be acquired for any activity of the project without obtaining proper Permission.
iii	PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.	<ul style="list-style-type: none"> • All the health & safety precautions are being taken and proper training is given to the workers.
iv	Proper Housekeeping programmers shall be implemented.	<ul style="list-style-type: none"> • Housekeeping is maintained within premises to give aesthetic look and to boost morale of the people
v	In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieve.	<ul style="list-style-type: none"> • In the event of incidental failure of any pollution control system adopted by the unit, the unit will be immediately put out of operation and will not be restarted until the desired efficiency is achieve.
vi	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable).	<ul style="list-style-type: none"> • Adequate stack height i.e. 10m is provided for control and dispersion of pollutants from existing DG set.
vii	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.	<ul style="list-style-type: none"> • Rainwater harvesting system is provided at site, the harvested water is being used for toilet-urinal flushing and for cooling tower make-up. • The harvested rainwater is not being used for recharging as water table in the area is already high. Also, there are restrictions by MIDC for boaring in industrial areas.
viii	Arrangement shall be made that effluent and storm water does not get mixed.	<ul style="list-style-type: none"> • To avoid mixing of wastewater with storm water it is being handled through closed pipelines from the source of generation to ETP. • Separate storm water drains are provided.
ix	Periodic monitoring of ground water shall be under taken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.	<ul style="list-style-type: none"> • Periodic monitoring of ground water is not applicable, as there is no permission from MIDC for extracting of ground water. The PP is operating factory using MIDC fresh water.
x	Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.	<ul style="list-style-type: none"> • Noise levels are being maintained by carrying out (a) periodical preventive maintenance of equipment and machineries, (b) providing vibration absorption pads, (c) providing proper lubrications, and by (d) providing required earmuffs/ear plugs for protection of hearing.

xi	The overall noise levels in and around the plant shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.	<ul style="list-style-type: none"> Noise levels are kept under control by carrying out (a) periodical preventive maintenance of equipment and machineries, (b) providing vibration absorption pads, (c) providing proper lubrications. A survey of Noise level in the study area is being carried out once in a year to ensure that the noise levels are within stipulated standards prescribed under Environment (Protection) Act, 1986 Rules, 1989. Refer Annexure No.-XIII.
xii	Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.	<ul style="list-style-type: none"> Total green belt area is 12414 sq. m, which is 36% of total plot area; there are around 3650 nos. of trees and shrubs are already planted at the site. Plants are selected as per CPCB guideline and consultation with the local DFO/ Agriculture Department.
xiii	Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.	<ul style="list-style-type: none"> The Project Proponent has provided various safety measures on site to avoid any accident. Provided continuous monitor of Volatile Organic Compound for leak detection inside manufacturing plant that gives audio warning on exceedance of set values, if any.
xiv	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.	<ul style="list-style-type: none"> The Project Proponent carries out medical examination of all staff, workers & contract people. Frequency is Yearly, Half yearly & Quarterly. Form 7 under Factories act indicates summary of fitness of the people.
xv	The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	<ul style="list-style-type: none"> All necessary safety facilities are provided to carry out various operational activities in safe manner. Earthing-Bonding are provided as an effective measure for prevention of accumulation of static charges.
		<ul style="list-style-type: none"> Demonstration shown at their workplace regarding "Effective use of earthing-bonding" during handling & use of highly flammable liquids.
		<ul style="list-style-type: none"> Provided adequate fixed type and portable type firefighting arrangement
		<ul style="list-style-type: none"> Provided flameproof electrical fittings wherein highly flammable liquids are used, handled, or stored
		<ul style="list-style-type: none"> Provided Nitrogen gas arrangement for purging & blanketing where highly flammable liquids are used & handled.
		<ul style="list-style-type: none"> Provided smoking booth to prohibit smoking in hazardous areas, and displayed signage at conspicuous places;
		<ul style="list-style-type: none"> Employees have been trained for: (a) Hazardous properties of flammables, (b) Static Electricity Hazards & their controls; (c) Firefighting with demonstration; etc.
		<ul style="list-style-type: none"> Round the clock Safety vigilance round to keep watch on potential unsafe acts
		<ul style="list-style-type: none"> Prepared "On Site Emergency Control Plan" & submitted to DISH office
		<ul style="list-style-type: none"> Conducting Mock Drills to implement On Site Emergency Control Plan and rehearse it unforeseen emergencies
		<ul style="list-style-type: none"> Conducting various Safety celebrations like – National Safety Week, Road Safety Week, Fire Service Day, World Environment Day to enhance people participation and arouse interests in the safety
		<ul style="list-style-type: none"> Provided all necessary Personal Protective Equipment to the employees to use while on job.
xvi	The project authorities must strictly comply	<ul style="list-style-type: none"> The Project Proponent has valid authorization from

	with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections/ treatment/ storage/ disposal of hazardous wastes.	MPCB for collections/ treatment/ storage/ disposal of hazardous wastes. RPGLS authorities strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous and Other Waste (Management and Transboundary) Rules, 2016.
xvii	Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required, if any, in the on-site management plan shall be ensured.	<ul style="list-style-type: none"> Regular mock drills for the on-site emergency management plan is being carried out. Implementation of changes / improvements in the on-site management plan is being updated time to time.
xvii i	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	<ul style="list-style-type: none"> A separate Environmental Cell at project level is available with qualified personnel under the control of AGM – EHS, who is directly reporting to the head operations of the unit for implementation of the stipulated environmental safeguards.
xix	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. This cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department	<ul style="list-style-type: none"> Separate funds are allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. This cost is included as part of the project cost. The funds earmarked for the environment protection measures is not being diverted for other purposes and year-wise expenditure shall be reported to the MPCB & this department
xx	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://ec.maharashtra.gov.in	<ul style="list-style-type: none"> Advertisement in English newspaper "Afternoon", and Marathi newspaper "Pudhari" given & the same was published on 01.11.2018, i.e., within seven days from date of issue of EC. Advertisement attached as Annexure No.-I. 
xxi	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.	<ul style="list-style-type: none"> The Project Proponent is submitting half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department.
xxii	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	<ul style="list-style-type: none"> Since there was no suggestion / representation were received from Municipal Corporation and the Local NGO while processing the proposal, EC letter not sent for their information. EC letter is put on the website of the Company.
xxii i	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF,	<ul style="list-style-type: none"> The proponent will upload the status of compliance of the stipulated EC conditions, including results of monitored data on RPGLS website and shall update the same periodically. The pollutant levels namely; SPM, RSPM. SO₂, NO_x (ambient levels as well as stack emissions) is being

	<p>the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectorial parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.</p>	<p>monitored and displayed at an entrance (the main gate) of the company.</p>
Xxi v	<p>The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.</p>	<ul style="list-style-type: none"> • The project proponent will submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to (a) the Regional Office of MoEF, (b) the Zonal Office of (i) CPCB and (ii) the SPCB.
xxv	<p>The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent 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 EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.</p>	<ul style="list-style-type: none"> • The environmental statement for the financial year ending 31st March in Form-V is submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently. • Environment Statement in Form V will be put on the Company website and sent to Regional Office of MoEF by e-mail. • Status of compliance of EC conditions will be put on the Company website and sent to Regional Office of MoEF by e-mail.

ANNEXURE – I

**Advertisement of Environmental Clearance granted for
the project in Local Newspaper**

आंबासाठी मंदिरात पगारी पुजारी दिवाळीनेता

पुढारी दिवाळीनेता... (Text describing the religious activities and the role of the priest during the festival.)



पुढारी दिवाळीनेता... (Continuation of the text from the left column.)

Table with 2 columns: Name, Address, and Contact Information. It lists details for a religious organization or temple.

कुरापतखोरांना चोख प्रत्युत्तर

लोकसभामुख रावत यांचा सत्त्वद्वे झटारा... (Text discussing the political stance of the Speaker of the Lok Sabha.)

खोखर हो वीरपुत्री... (A section featuring a portrait of a woman and text related to her, possibly a tribute or a news item.)

राफेलची किंमत... (Text discussing the cost and implications of the Rafale fighter jets deal.)

राफेलची किंमत... (Continuation of the article on the right side of the page.)

अयोध्येत मंदिरासाठी करा भूसंपादन!

अयोध्येत मंदिरासाठी भूसंपादन... (Text discussing the land acquisition process for the temple in Ayodhya.)

पर्यावरण विषयक परवानगी
आम्ही आर. पी. जी लाईफ सायन्सेस लिमिटेड
सर्वांना कळवु इच्छितो की आमच्या कारखान्याचा
पत्ता : २५/२५ ए, टी. टी. सी एम. आय. डी. सी,
प्रावने, नवी मुंबई ४००७०३, महाराष्ट्र असुन
प्रस्तावित ए. पी. आय उत्पादन मिश्रणात बदल
प्रकल्पाच्या प्रस्तावाला (एकुण उत्पादने
७०.५६ टन प्रतिवर्ष आणि उपउत्पादने ६७१ टन
प्रतिवर्ष, संदर्भ SEIAA-EC-0000000471
दि. २९ ऑक्टोबर २०१८) पर्यावरण विषयक
मंजूरी पर्यावरण विभाग महाराष्ट्र शासन ने दिली
आहे. ह्याची प्रत महाराष्ट्र प्रदुषण नियंत्रण
मंडळाकडे मिळु शकेल त्याचप्रमाणे इंटरनेटच्या
संकेत स्थळ http://www.ecmpcb.in/
वर पाहता येईल.

PUBLIC NOTICE
 The notice is hereby given to the public at general that the Original Registration Document and Registration Receipt is tabled before Shri. Bala Ballal Arjameshi (Vendor) and Smt. Hafasim Vakkasomaji Jaisi (Treasurer/Purchaser) vide document no. B/2018-174/1907 Dated 18.03.1907 has been decommissioned by our branch staff while being for Xerox from outside our branch. If any one finds a closer match to an 00222-202724/253402 Chief Manager

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Diva gets ambulance, more allowance

By Anand Sharma

The Diva Hospital in the General Line has in 2018 made many investments for the lack of an ambulance at its premises. Through these efforts, it has now been able to procure a new ambulance, which is now being used for the transport of patients. The hospital has also been able to procure a new ambulance, which is now being used for the transport of patients. The hospital has also been able to procure a new ambulance, which is now being used for the transport of patients.



diva, though still in a good way, having the latest facilities for the patient to be able to be taken to the road, there is a special feature of emergency vehicles and services to be provided. The facility explained, however, being an ambulance, it usually is always a plus, the vehicle when.

These 1200 Hospital is an ambulance. The hospital is providing a new ambulance to be used for the transport of patients. The hospital has also been able to procure a new ambulance, which is now being used for the transport of patients. The hospital has also been able to procure a new ambulance, which is now being used for the transport of patients.

Reducing the traffic menace on WEH

Traffic Police will ban light/medium commercial vehicles permanently on WEH to reduce traffic menace

By Zubin Ansari

Keeping in mind the safety of the public and the convenience of the traffic police department has decided to ban light/medium commercial vehicles permanently on WEH to reduce traffic menace.

traffic police department has decided to ban light/medium commercial vehicles permanently on WEH to reduce traffic menace.

traffic police department has decided to ban light/medium commercial vehicles permanently on WEH to reduce traffic menace.

traffic police department has decided to ban light/medium commercial vehicles permanently on WEH to reduce traffic menace.

TO WHOMSOEVER IT MAY CONCERN ENVIRONMENTAL CLEARANCE

We, RPG Life Sciences Ltd. hereby inform that the Environment Department, Government of Maharashtra, has accorded Environmental Clearance (Reference No.: SEIAA-EC-0000000471 Dated 29th October 2018) for change in product mix project of manufacturing of Active Pharmaceutical Ingredient (API) at our Plot No. 25/25A, TTC, MIDC Pawne, Navi Mumbai - 400703, Maharashtra. Total production capacity of products will be 70.56 TPA & by product 671 TPA. Copy of the Environmental Clearance letter is available with the Maharashtra Pollution Control Board (MPCB) and may also be seen at web site at <http://www.ecmpcb.in/>

ANNEXURE – II

Copy of valid Consent to operate

MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 4010437/4020781
/4037124/4035273
Fax : 24044532/4024068 /4023516
Email : @mpcb.gov.in
Visit At : <http://mpcb.gov.in>



Kalpatearu Point, 3rd & 4th floor, Sion-Matunga
Scheme Road No. 8, Opp. Cine Planet Cinema, Near
Sion Circle, Sion (E),
Mumbai - 400 022

Consent order No. Format L0/BO/CAC-Cell/UAN No. 0000067989/3rdCAC-1906000884
Date- 19/06/2019

To,
M/s RPG Life Sciences Limited,
Plot No. 25/25A, MIDC Land, Thane Belapur Road,
Pawne, Navi Mumbai-400703.

Subject: Grant of amendment in Consent to Operate for change in product-mix as per
Environmental Clearance under Red/LSI Category.

- Ref: 1. Existing Consent to operate No. Format L0/BO/CAC-Cell/UAN No. 0000000601/3rdCAC-
9964-A dated 18/04/2017 valid up to 30/04/2021.
2. Environmental Clearance granted vide SELAA-EC-0000000471-dtd. 29/10/2018.
3. Minutes of Consent Appraisal Committee meeting held on 02/05/2019.

Your application UAN No. 0000067989
Dated: 27/02/2019

For: Grant of Consent to Operate under Section 25 of the Water (Prevention & Control
of Pollution) Act, 1974; under Section 21 of the Air (Prevention & Control of Pollution)
Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes
(Management & Transboundary Movement) Rules 2016 is considered and the consent
is hereby granted subject to the following terms and conditions and as detailed in the
schedule I, II, & III annexed to this order:

1. The Consent to Operate is granted for a period up to 30/04/2021.
2. The actual capital investment of the industry is Rs. 82.44 Crs (Existing-Rs.77.39 Crs
+ Increase in C.I.-Rs. 5.05 Crs) as per C.A. Certificate submitted by the industry.
3. The Consent is valid for the manufacture of-

Sr. No.	Product Name	Maximum Quantity in MTA
1	Anti-Psychotic Haloperidol etc.	9.3
	Haloperidol Decanoate etc.	
	Risperidone etc.	
2	Anti-Arrhythmic Class I Disopyramide Phosphate etc.	0.3
3	Anti-Diarrhoeal Diphenoxylate HCL etc.	7.2
4	Immunosuppressant Azathioprine etc.	16.8
	Mycophenolate Mofetil etc.	
	Mycophenolate Sodium etc.	
5	Collinergic Blockers Preparantheline Bromide etc.	1.5
6	Anthelmintic Quinamide etc.	8.4
7	Anti-Thrombotic / Anti-Platelet Ticlopidine HCL etc.	1.8

Sr. No.	Product Name	Maximum Quantity in MTA
8	Anti Convulsant	
	Lamotrigine etc.	7.2
9	Anti-Ulcerant	
	Pantoprazole Sodium etc. Pantoprazole Sequehydrate etc.	9.6
10	Anti-Depressant	
	Sertraline HCL etc.	6.6
11	Anti-Anginal	
	Nicorandil etc.	1.8
12	Anti-Hypertensive	
	Tolvaptan etc.	0.36
	Benidipine HCl etc.	
Solifenacin etc.		
13	Anti-Hyper parathyroid	
	Cinacalcet HCl etc.	0.3
	Total	70.56

PP shall manufacture any 15 nos. of products at a time on campaign basis as per EC condition.

4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr. No.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1	Trade effluent	120	As per Schedule - I	CETP
2	Domestic effluent	60	As per Schedule - I	

5. Conditions under Air (P&CP) Act, 1981 for air emissions:

Sr. No.	Description of stack / source	Number of Stack	Standards to be achieved
1	Boiler	1	As per Schedule - II
2	D.G. Set (625 KVA)	1	As per Schedule - II
3	Process Stack (5 nos.)	5	As per Schedule - II

6. Conditions about Non Hazardous Wastes:

Sr. No.	Type of Waste	Quantity	Treat-ment	Disposal
1	Paper, Wood, Plastic, and metal	18 MTA	--	Sale to authorized party
2	Discarded container, Detoxicated containers/ Barrels (MS/HDPE Drums 200 Liter capacity)	684 MTA	--	Reuse/ Sale to authorized party
3	Garbage like Paper, corrugated boxes, Plastics, Fiber Drums, Brooms, Wipers, Floor Cleaning mops, Tea cups, disposal aprons, head caps & shoe covers etc.	36 MTA	.	Sale to authorized party

7. Conditions under Hazardous & Other Waste (M & TM) Rules, 2016 for treatment and disposal of hazardous waste:

Sr. No.	Type Of Waste	Category	Quantity & UAM	Treat-ment	Disposal
1	Sludge & Filters contaminated with Oil	33	3.0 MTA	--	CHWTSDF

2	Used/ Spent Oil	5.1	1.44 MT/A	--	Sale to Authorized recycler/ CHWTSDF
3	Distillation Residues	20.3	5.4 MT/A	--	CHWTSDF
4	Process Residues & Wastes	28.1	323 MT/A	--	Sale to Authorized recycler/ -CHWTSDF
5	Spent Catalyst	28.2	1.5 MT/A	--	Regenerated by authorized party
6	Spent Carbon	28.3	30 MT/A	--	CHWTSDF
7	Off Specification products	28.4	0.72 MT/A	--	CHWTSDF
8	Date-expired, discarded and off-specification drugs/ medicines	28.4 & 28.5	2.88 MT/A	--	CHWTSDF
9	Spent Solvents	28.6	186.56 MT/A	--	Sale to authorized party/ Recycler/ Re-processor/ CHWTSDF
10	Mix Solvent		671 MT/A		
11	Empty Barrels/ Containers/ Liners contaminated with Hazardous Chemicals/ Waste	33.1	12 MT/A	--	Reuse/ Sale to authorized party / CHWTSDF
12	Spent ion exchange resin containing toxic metals	35.2	0.36 MT/A	--	CHWTSDF
13	Chemical sludge from waste water treatment	35.3	40 MT/A	--	CHWTSDF
14	Oil & Grease skimming residues	35.4	2.0 MT/A	--	CHWTSDF
15	Used Batteries	--	0.36 MT/A	--	Return to battery manufacturer through authorized dealer on buy back procurement
16	E- Wastes	--	2.5 MT/A	--	Sale to authorized E-Wastes Dismantler / Recyclers

The applicant shall ensure disposal to actual user having permission under Rule 9 of Hazardous & Other Waste (M & TM) Rules, 2016.

8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
10. Industry should ensure that all the vehicles used to transport by-product to the vendor industry is fitted with web based GPS System to record the origin to destination position and shall monitor the compliance and submit monthly report in the Board.
11. Industry shall obtain affidavit from vendors stating that the by-products purchased is used as a raw material in their respective industries.
12. Industry shall comply with the conditions stipulated in Environmental Clearance granted by GoM vide No. SEIAA-EC-0000010471 dtd. 29/10/2018.

13. Industry shall ensure that online continuous monitoring data of treated effluent at the outlet of ETP and emission is connected to CPCB/ MPCB Server.
14. Industry shall furnish/ top-up Bank Guarantee of Rs. 10 Lakh (including existing BG of Rs. 5 Lakh) towards O&M of pollution control systems & towards compliance of the Consent conditions.
15. This Consent is issued with the overriding effect on earlier Consent No. *Format 1.D/ BO/CAC-Cell/UAN No. 000000001/3rdCAC-9964-A* dtd. 12/04/2017 valid up to 30/04/2021.

**For and on behalf of the
Maharashtra Pollution Control Board**

(E. Ravendran, IAS)
Member Secretary

Received Consent fee of-

Sr. No.	Amount(Rs.)	DD/ DR/ RTGS/ NEFT/ TRXN No.	Date	Drawn On
1	Rs. 50,000/-	5447668	02/03/2019	Yes Bank
2	Rs. 6,25,000/-	336188	02/03/2016	SBI
3	Rs. 1,00,000/-	SAA208766790	20/07/2016	SBI

Copy to:

1. Regional Officer (Navi Mumbai)/ Sub-Regional Officer (Navi Mumbai-I), Navi Mumbai.
-They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Mumbai.
3. CC/CAC desk- for record & website updating purposes.

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

1) A] As per your application, you have provided combined Effluent Treatment Plant (ETP) of designed capacity of 200 CMD consisting of primary, secondary & tertiary treatment for the treatment of 120 CMD industrial effluent & 60 CMD domestic effluent.

B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr No.	Parameters	Standards prescribed by Board (If any)
	I. Compulsory Parameters	Limiting Concentration in mg/l, except for pH
01	pH	5.5 - 9.0
02	Oil & Grease	10
03	BOD (3 days 27 °C)	100
04	Total Dissolved Solids	2100
05	Chloride	600
06	Free Ammonia	5.00
07	Sulphide (as S)	2.0
08	Suspended Solids	100
09	COD	250

C] The treated effluent shall be discharged into CETP for further treatment & disposal.

- As per your consent application, you have provided the septic tank. The domestic sewage from the septic tank is pumped to the aeration tank of ETP for further treatment.
- The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or/and extension or addition thereto.
- The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- The Applicant shall submit Water Cess Returns in Form-I and pay the Water Cess charges for period up to 30/06/2017 as per the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977. Industry shall install water meters for consuming water as follows:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1	Industrial Cooling, spraying in mine pits or boiler feed	76
2	Domestic purpose	70
3	Processing whereby water gets polluted & pollutants are easily biodegradable	144
4	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	-

- 6) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.

Maharashtra Pollution Control Board

Schedule-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have provided the Air pollution control (APC) system and also erected following stack(s) and to observe the following fuel pattern-

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S%	SO ₂ kg/Day
1	Boiler	Stack	33.3	FO/PNG	105 Kg/Hr & 41.6 SCM/Hr	4.5	225
2	D.G. Set (625 KVA)	Stack	10	Diesel	104 Kg/Hr	1	49
3	Process Stack (5 Nos.)	Scrubber	10 each	---	---	---	---

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Total Particulate matter	Not to exceed	150 mg/Nm ³
SO ₂ (Process)	Not to exceed	50 ppm
NO _x	Not to exceed	50 ppm
HCl/Acid Mist	Not to exceed	35 mg/Nm ³
H ₂ S	Not to exceed	10 ppm

4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
5. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

Schedule-III

Details of Bank Guarantees

Sl. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to R/ Amend- ment	Rs. 10 Lakh (including existing BG of Rs. 5 Lakh)	Within 15 days	O&M of pollution control systems & towards compliance of the Consent conditions.	30/04/2021	Up to 31/08/2021

Maharashtra Pollution Control Board

Schedule-IV

General Conditions:

- 1) The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2) If the MIDC pipeline is broken/ overflowing chamber, in such cases industry shall not discharge their treated effluent into MIDC drain, it shall be sent to CETP by tanker.
- 3) Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
- 4) The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- 5) Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipment, the production process connected to it shall be stopped.
- 6) The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
- 7) The firm shall submit to this office, the 30th day of September every year, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- 8) The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous & Other Waste (M&TM) Rules, 2016, which can be recycled/processed/reused/recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land-filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
- 9) The industry should comply with the Hazardous & other Waste (MH & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous & other Waste (MH & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
- 10) An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 11) The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
- 12) Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website(www.mpcb.gov.in).
- 13) The industry shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent condition towards Environment Protection.
- 14) Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
- 15) Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
- 16) The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.

17) Conditions for D.G. Set

- a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG-Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- 18) The industry should not cause any nuisance in surrounding area.
- 19) The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB(A) during day time and 70 dB(A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
- 20) The applicant shall maintain good housekeeping.
- 21) The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a statement on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end, with the Environment Statement.
- 22) The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
- 23) The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipment provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
- 24) The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
- 25) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 26) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dtd. 16.11.2009 as amended.

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ANNEXURE – III

Plan to rationalize the inventory along with its justification for the Inventory of Sodium Borohydride

According to Quality Risk Assessment report, referring point no 1.5.3 Inventory point of 1.5. Identification of Hazards, PP has maintained Sodium Boro hydride inventory level equal to its annual consumption, i.e. 2 MT/Annum. PP is to reduce site risk by rationalizing inventory level of Sodium Boro Hydride and reduce the quantity to reasonable acceptable level.

PP hereby clarifies that the quantity of Sodium Boro Hydride inventory mentioned in Risk assessment report is a typographical error. PP hereby request to read Sodium Boro Hydride quantity as 0.06857 T/Annum instead of 2 T/Annum. The quantity 0.06857 T/Annum (i.e 68.57 Kg/A) is quite less in relation with quantity of risk. It is not a significant risk on the site. We shall be maintaining inventory at any moment less than 2.0 Kg. Material balance details per batch and number of batches per annum for consumption of sodium borohydride is given below.

Name of raw material	Used in manufacturing of Product	Required quantity of sodium borohydride, Kg per batch	Batch Size, Kg	No. of Batches per Annum	Total Proposed Production quantity of Tolvaptan T/A	Total Quantity of Sodium Borohydride, T/A
Sodium borohydride	Tolvaptan	0.4	2.1	171.4	0.360	0.06857

Note: Maximum inventory of sodium borohydride will be 2.0 kg.

ANNEXURE – IV

CHWTSDF membership certificate



Towards sustainable growth

Mumbai Waste Management Limited

Certificate

M/s. RPG LIFE SCIENCE LIMITED

is a registered member of
CHW-TSDF at MIDC, Talaja
for safe & secure disposal of
Hazardous Waste.

Membership no.: MWML - HzW :: TTC - 3479

This Certificate is valid up to

31st MARCH - 2022

Onkar A. Kulkarni
Manager - MBD

Somnath Malgar
Director

ANNEXURE – V

Fugitive Emission

(Workplace monitoring) Analysis reports



Excellent Enviro Laboratory & Research Center

Format No.:EELRC/F/WAR/84

WORKPLACE MONITORING REPORT

Client's Name & Address	Report No.	EEL/ABD/WP-11/01/2020-21
M/s. RPG Life Sciences Ltd. Plot No. Gen-25/25A, MIDC TTC, Thane- Belapur Road, Navi Mumbai-400705.	Date of Reporting	15/01/2021

SAMPLING DETAILS

01) Location of Sampling	MF 1 Ground Floor
02) Sampling Procedure	IS 5182 (Part 5)
03) Sample Collected By	M/s. Excellent Enviro Laboratory & Research Centre
04) Date of Sampling	05/1/2021
05) Time of Sampling	12:55 PM to 13:55 PM
06) Date of Sample Received in Lab	08/1/2021
07) Analysis Start Date	08/1/2021

RESULT

Sr. No.	Parameter	UOM	Result	Limits as per Second Schedule of Factories Act.	Standard Method
1	HCL	mg/m ³	2.2	<7	IDI74SG - OSHA
2	Ammonia	mg/m ³	3.0	<18	PVID 164- OSHA

UOM – Unit of Measurement

Remark: - All parameters results are within the Factories Act, 1948 Standards.

Note:-“The results pertain to tested portion of sample”

Prepared By

Ms. Pinku Sontakke
(Lab Chemist)

Checked By

Dr. Pournima Thete
(Lab Manager)

Authorized Signatory

Mr. Subhasi Bhugadkar
(Business Head)



AN "ENVIRONMENTAL LABORATORY"

Recognised by MOEF & CC, New Delhi, Gazette Notification S.O. 388 (E) Dated (09 February 2017 to 08 February 2022)

REGISTERED OFFICE:

D-52/18, MIDC Waluj,
Aurangabad - 431 136,
Tel. 0240-6641879
☎ 07745069991
08668441453

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Building No.1, Flat No. B-3,
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No. C-11, Spine Road
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Pune - 411062
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Accreditation & Approvals

- ❖ ISO 9001: 2015
- ❖ EMS 14001 : 2015
- ❖ OHSAS 45001: 2018
- ❖ NABL & MOEF & CC approved laboratory By Govt. of India

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Excellent Enviro Laboratory & Research Center

Format No.:EELRC/F/WAR/84

WORKPLACE MONITORING REPORT

Client's Name & Address	Report No.	EEL/ABD/WP-10/01/2020-21
M/s. RPG Life Sciences Ltd. Plot No. Gen-25/25A, MIDC TTC, Thane- Belapur Road, Navi Mumbai-400705.	Date of Reporting	15/01/2021

SAMPLING DETAILS

01) Location of Sampling	MF 1 First Floor
02) Sampling Procedure	IS 5182 (Part 5)
03) Sample Collected By	M/s. Excellent Enviro Laboratory & Research Centre
04) Date of Sampling	05/1/2021
05) Time of Sampling	11:45 AM to 12:45 PM
06) Date of Sample Received in Lab	08/1/2021
07) Analysis Start Date	08/1/2021


RESULT

Sr. No.	Parameter	UOM	Result	Limits as per Second Schedule of Factories Act.	Standard Method
1	HCL	mg/m ³	2.6	<7	ID174SG - OSHA
2	Ammonia	mg/m ³	3.8	<18	PVID 164- OSHA

UOM – Unit of Measurement

Remark: - All parameters results are within the Factories Act, 1948 Standards.

Note:-“The results pertain to tested portion of sample”

Prepared By

Ms. Pinku Sontakke
(Lab Chemist)

Checked By

Dr. Pournima Thete
(Lab Manager)

Authorized Signatory

Mr. Subhash Mudgadkar
(Business Head)



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Excellent Enviro Laboratory & Research Center

Format No. EELRC/LAB/F/073-7.8

WORKPLACE MONITORING REPORT

Client's Name & Address M/s. RPG Life Sciences Ltd. Plot No. Gen-25/25A, MIDC TTC, Thane-Belapur Road, Navi Mumbai-400705.	Report No. EELRC/ABD/WP-02/04/2021-22	Date of Reporting 12/04/2021
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SAMPLING DETAILS

01) Location of Sampling	MF 1 Ground Floor
02) Sampling Procedure	IS 5182 (Part 5)
03) Sample Volume	PM ₁₀ : Filter Paper: 1×1no. PM _{2.5} : Filter Paper: 1×1no.
04) Sample Status (Sealed/ Unsealed)	Sealed
05) Sample Collected By	M/s. Excellent Enviro Laboratory & Research Center
06) Date of Sampling	03/04/2021
07) Time of Sampling & Sampling Duration	12:05PM to 13:05 PM (60 Minutes)
08) Date of Received in Lab	05/04/2021
09) Analysis Start Date	05/04/2021
10) Instrument Details	Make/ Model No. Asha Enviro/350
	Serial No. EE/HS-01
	Calibration Date Calibration On: 09/07/2020, Due On: 08/07/2021

RESULTS

Sr. No.	Parameter	UOM	Result	Limits as per Second Schedule of Factories Act.	Testing Method
1	HCL	mg/m ³	3.2	<7	IS 5182 (Part 4), 1999
2	Ammonia	mg/m ³	5.6	<18	IS 5182 (Part 23), 2006

UOM: Unit of Measurement

Remark:- All above results are within the limits as per second schedule of the Factories Act, 1948.

Note:- "The results pertain to tested portion of sample"

Authorized Signatory

(Mr. Subhash Kudgalkar)

(Director)

*****End of Report*****



AN "ENVIRONMENTAL LABORATORY"

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Excellent Enviro Laboratory & Research Center

Format No. EELRC/LAB/F/073-7.8

WORKPLACE MONITORING REPORT

Client's Name & Address M/s. RPG Life Sciences Ltd. Plot No. Gen-25/25A, MIDC TTC, Thane-Belapur Road, Navi Mumbai-400705.	Report No. EELRC/ABD/WP-01/04/2021-22	Date of Reporting 12/04/2021
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SAMPLING DETAILS

01) Location of Sampling	MF 1 First Floor
02) Sampling Procedure	IS 5182 (Part 5)
03) Sample Volume	PM ₁₀ : Filter Paper: 1×1no. PM _{2.5} : Filter Paper: 1×1no.
04) Sample Status (Sealed/ Unsealed)	Sealed
05) Sample Collected By	M/s. Excellent Enviro Laboratory & Research Center
06) Date of Sampling	03/04/2021
07) Time of Sampling & Sampling Duration	10:00AM to 11:00 AM (60 Minutes)
08) Date of Received in Lab	05/04/2021
09) Analysis Start Date	05/04/2021
10) Instrument Details	Make/ Model No. Asha Enviro/350
	Serial No. EE/HS-01
	Calibration Date Calibration On: 09/07/2020, Due On: 08/07/2021

RESULTS

Sr. No.	Parameter	UOM	Result	Limits as per Second Schedule of Factories Act.	Testing Method
1	HCL	mg/m ³	4.2	<7	IS 5182 (Part 4), 1999
2	Ammonia	mg/m ³	6.0	<18	IS 5182 (Part 23), 2006

UOM: Unit of Measurement

Remark:- All above results are within the limits as per second schedule of the Factories Act, 1948.

Note:-"The results pertain to tested portion of sample"

Authorized Signatory

(Mr. Subhash Mudgalkar)

*****End of Report*****



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ANNEXURE – VI

Ambient Air Quality monitoring reports



Excellent Enviro Laboratory & Research Center

Format No.:EELRC/F/AMR/84

AMBIENT AIR MONITORING REPORT

Client's Name & Address M/s. RPG Life Sciences Ltd, Plot No. Gen-25/25A, MIDC TTC, Thane-Belapur Road, Navi Mumbai-400705.	Report No. EEL/ABD/A-04/01/2020-21	Date of Reporting 15/01/2021
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SAMPLING DETAILS

01) Location of Sampling	Near Dryer Annex
02) Sampling Procedure	IS 5182 Part 5
03) Sample Volume	SO ₂ :30 ml ×1 no. (Plastic Bottle), NO ₂ :30 ml×1 no. (Plastic Bottle), PM10: Filter Paper : 1×Ino. PM2.5: Filter Paper: 1×Ino.
04) Sample Status (Sealed/Unsealed)	Sealed
05) Sample Collected By	M/s. Excellent Enviro Laboratory & Research Centre
06) Date of Sampling	05/01/2021 to 06/01/2021
07) Time of Sampling & Sampling Duration	11:30 AM of 05/01/2021 to 11:30 AM of 06/01/2021 (24hrs)
08) Date of Sample Received in Lab	08/01/2021
09) Analysis Start Date	08/01/2021
10) Ambient Temperature (Max/Min)	32/28 ^o C
11) Dry Bulb Temperature	26 ^o C
12) Wet Bulb Temperature	24 ^o C
13) Relative Humidity(Max/Min)	80/67 %
14) Instrument Details	Make/Model No. POLLTECH /PRM-DCAF 2.5/10 μ
	Serial No. 0418
	Calibration Date Calibration on:22/09/2020, Due On:21/09/2021

RESULT

Sr. No.	Parameter	UOM	Results	NAAQ Standards	Test Method
1	Particulate Matter PM ₁₀	$\mu\text{g}/\text{m}^3$	40.12	≤ 100	US EPA CFR 40 Part 50 Appendix I
2	Particulate Matter PM _{2.5}	$\mu\text{g}/\text{m}^3$	20.23	≤ 60	US EPA CFR 40 Part 50 Appendix L
3	Sulphur Dioxide (SO ₂)	$\mu\text{g}/\text{m}^3$	20.12	≤ 80	IS 5182 (Part 2) : 2001
4	Oxides of Nitrogen (NO _x)	$\mu\text{g}/\text{m}^3$	36.08	≤ 80	IS 5182 (Part 6) : 2006
5	Ammonia (NH ₃)	$\mu\text{g}/\text{m}^3$	20.0	≤ 400	CPCB Guideline
6	Carbon Monoxide (CO)	mg/m^3	0.5	≤ 04	CPCB Guideline
7	Ozone (O ₃)	$\mu\text{g}/\text{m}^3$	14.85	≤ 180	CPCB Guideline
8	Lead (Pb)	$\mu\text{g}/\text{m}^3$	< 0.06	≤ 1.0	CPCB Guideline
9	Arsenic (As)	ng/m^3	< 0.06	≤ 06	CPCB Guideline
10	Nickel (Ni)	ng/m^3	< 0.05	≤ 20	CPCB Guideline
11	Benzene (C ₆ H ₆)	$\mu\text{g}/\text{m}^3$	< 0.04	≤ 05	IS 5182 (Part II) : 2006
12	Benzo (a) Pyrene	ng/m^3	< 0.003	≤ 01	CPCB Guideline
13	Toluene	mg/m^3	58.0	≤ 375	NIOSH 1500
14	Xylene	mg/m^3	87.0	≤ 435	NIOSH 1501

UOM – Unit of Measurement

Remark:- All above results are within National Ambient Air Quality Standards, Notification dtd November 18, 2009.

Note:- "The results pertain to tested portion of sample"

Prepared By

Ms. Pinku Sontakke
(Lab Chemist)

Checked By

Dr. Pournima Thete
(Lab Manager)

Authorized Signatory

Mr. Subhas Rudgadkar
(Business Head)

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Excellent Enviro Laboratory & Research Center

Format No.:EELRC/F/AMR/84

AMBIENT AIR MONITORING REPORT

Client's Name & Address M/s. RPG Life Sciences Ltd, Plot No. Gen-25/25A, MIDC TTC, Thane-Belapur Road, Navi Mumbai-400705.	Report No. EEL/ABD/A-02/01/2020-21
Date of Reporting	15/01/2021

SAMPLING DETAILS

01) Location of Sampling	Pawane Village (Distance from site 0.2Km)
02) Sampling Procedure	IS 5182 Part 5
03) Sample Volume	SO ₂ :30 ml ×1 no. (Plastic Bottle), NO ₂ :30 ml×1 no. (Plastic Bottle), PM10: Filter Paper : 1×1no. PM2.5: Filter Paper: 1×1no.
04) Sample Status (Sealed/Unsealed)	Sealed
05) Sample Collected By	M/s. Excellent Enviro Laboratory & Research Centre
06) Date of Sampling	05/01/2021 to 06/01/2021
07) Time of Sampling & Sampling Duration	11:50 AM of 05/01/2021to 11:50 AM of 06/01/2021(24hrs)
08) Date of Sample Received in Lab	08/01/2021
09) Analysis Start Date	08/01/2021
10) Ambient Temperature (Max/Min)	32/28 ^o C
11) Dry Bulb Temperature	26 ^o C
12) Wet Bulb Temperature	24 ^o C
13) Relative Humidity(Max/Min)	80/67 %
14) Wind Direction	NE
15) Instrument Details	Make/Model No. POLLTECH /PRM-DCAF 2.5/10 μ
	Serial No. 0418
	Calibration Date Calibration on:22/09/2020, Due On:21/09/2021

RESULT

Sr. No.	Parameter	UOM	Results	NAAQ Standards	Test Method
1	Particulate Matter PM ₁₀	$\mu\text{g}/\text{m}^3$	44.45	≤ 100	US EPA CFR 40 Part 50 Appendix I
2	Particulate Matter PM _{2.5}	$\mu\text{g}/\text{m}^3$	20.30	≤ 60	US EPA CFR 40 Part 50 Appendix L
3	Sulphur Dioxide (SO ₂)	$\mu\text{g}/\text{m}^3$	34.20	≤ 80	IS 5182 (Part 2) : 2001
4	Oxides of Nitrogen (NO _x)	$\mu\text{g}/\text{m}^3$	32.04	≤ 80	IS 5182 (Part 6) : 2006
5	Ammonia (NH ₃)	$\mu\text{g}/\text{m}^3$	21.0	≤ 400	CPCB Guideline
6	Carbon Monoxide (CO)	mg/m^3	0.4	≤ 04	CPCB Guideline
7	Ozone (O ₃)	$\mu\text{g}/\text{m}^3$	14.30	≤ 180	CPCB Guideline
8	Lead (Pb)	$\mu\text{g}/\text{m}^3$	< 0.06	≤ 1.0	CPCB Guideline
9	Arsenic (As)	ng/m^3	< 0.05	≤ 06	CPCB Guideline
10	Nickel (Ni)	ng/m^3	< 0.06	≤ 20	CPCB Guideline
11	Benzene (C ₆ H ₆)	$\mu\text{g}/\text{m}^3$	< 0.05	≤ 05	IS 5182 (Part II) : 2006
12	Benzo (a) Pyrene	ng/m^3	< 0.003	≤ 01	CPCB Guideline
13	Toluene	mg/m^3	60.0	≤ 375	NIOSH 1500
14	Xylene	mg/m^3	84.0	≤ 435	NIOSH 1501

UOM – Unit of Measurement

Remark:- All above results are within National Ambient Air Quality Standards, Notification dtd November 18, 2009.

Note:- "The results pertain to tested portion of sample"

Prepared By
[Signature]
Ms. Pinku Sontakke
(Lab Chemist)

Checked By
[Signature]
Dr. Pournima Thete
(Lab Manager)

Authorized Signatory
[Signature]
Mr. Subhanshu Gadgar
(Business Head)

AN "ENVIRONMENTAL LABORATORY"

Recognised by MOEF & CC, New Delhi, Gazette Notification S.O. 388 (E) Dated: 08 February 2017 to 08 February 2022

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Accreditation & Approvals
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* EMS 14001 : 2015
* OHSAS 45001: 2018
* NABL & MOEF & CC
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Excellent Enviro Laboratory & Research Center

Format No.:EELRC/F/AMR/84

AMBIENT AIR MONITORING REPORT

Client's Name & Address M/s. RPG Life Sciences Ltd. Plot No. Gen-25/25A, MIDC TTC, Thane-Belapur Road, Navi Mumbai-400705.	Report No. EEL/ABD/A-03/01/2020-21	Date of Reporting 15/01/2021
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SAMPLING DETAILS

01) Location of Sampling	Turbhe Village (Distance from site 1.37 Km)	
02) Sampling Procedure	IS 5182 Part 5	
03) Sample Volume	SO ₂ :30 ml ×1 no. (Plastic Bottle), NO ₂ :30 ml×1 no. (Plastic Bottle), PM10: Filter Paper : 1×1no. PM2.5: Filter Paper: 1×1no.	
04) Sample Status (Sealed/Unsealed)	Sealed	
05) Sample Collected By	M/s. Excellent Enviro Laboratory & Research Centre	
06) Date of Sampling	05/01/2021 to 06/01/2021	
07) Time of Sampling & Sampling Duration	11:40 AM of 05/01/2021 to 11:40 AM of 06/01/2021 (24hrs)	
08) Date of Sample Received in Lab	08/01/2021	
09) Analysis Start Date	08/01/2021	
10) Ambient Temperature (Max/Min)	32/28°C	
11) Dry Bulb Temperature	26°C	
12) Wet Bulb Temperature	24°C	
13) Relative Humidity(Max/Min)	80/67 %	
14) Wind Direction	SSE	
15) Instrument Details	Make/Model No.	POLLTECH /PRM-DCAF 2.5/10μ
	Serial No.	0418
	Calibration Date	Calibration on:22/09/2020, Due On:21/09/2021

RESULT

Sr. No.	Parameter	UOM	Results	NAAQ Standards	Test Method
1	Particulate Matter PM ₁₀	μg/m ³	46.08	≤ 100	US EPA CFR 40 Part 50 Appendix I
2	Particulate Matter PM _{2.5}	μg/m ³	18.56	≤ 60	US EPA CFR 40 Part 50 Appendix L
3	Sulphur Dioxide (SO ₂)	μg/m ³	28.40	≤ 80	IS 5182 (Part 2) : 2001
4	Oxides of Nitrogen (NO _x)	μg/m ³	32.45	≤ 80	IS 5182 (Part 6) : 2006
5	Ammonia (NH ₃)	μg/m ³	20.0	≤ 400	CPCB Guideline
6	Carbon Monoxide (CO)	mg/m ³	0.5	≤ 04	CPCB Guideline
7	Ozone (O ₃)	μg/m ³	18.08	≤ 180	CPCB Guideline
8	Lead (Pb)	μg/m ³	< 0.06	≤ 1.0	CPCB Guideline
9	Arsenic (As)	ng/m ³	< 0.06	≤ 06	CPCB Guideline
10	Nickel (Ni)	ng/m ³	< 0.07	≤ 20	CPCB Guideline
11	Benzene (C ₆ H ₆)	μg/m ³	< 0.04	≤ 05	IS 5182 (Part II) : 2006
12	Benzo (a) Pyrene	ng/m ³	< 0.001	≤ 01	CPCB Guideline
13	Toluene	mg/m ³	50.01	≤ 375	NIOSH 1500
14	Xylene	mg/m ³	90.30	≤ 435	NIOSH 1501

UOM – Unit of Measurement

Remark:- All above results are within National Ambient Air Quality Standards, Notification dtd November 18, 2009.

Note:- "The results pertain to tested portion of sample"

Prepared By

Ms. Pinku Sontakke
(Lab Chemist)

Checked By

Dr. Pournima Thete
(Lab Manager)

Authorized Signatory

Mr. Subhash Wudgadkar
(Business Head)

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Excellent Enviro Laboratory & Research Center

Format No.:EELRC/F/AMR/84

AMBIENT AIR MONITORING REPORT

Client's Name & Address	Report No.	EEL/ABD/A-01/01/2020-21
M/s. RPG Life Sciences Ltd. Plot No. Gen-25/25A, MIDC TTC, Thane-Belapur Road, Navi Mumbai-400705.	Date of Reporting	15/01/2021

SAMPLING DETAILS

01) Location of Sampling	Indira Nagar Turbhe (Distance from site 1.67Km)
02) Sampling Procedure	IS 5182 Part 5
03) Sample Volume	SO ₂ :30 ml ×1 no. (Plastic Bottle), NO ₂ :30 ml×1 no. (Plastic Bottle), PM10: Filter Paper : 1×1no. PM2.5: Filter Paper: 1×1no.
04) Sample Status (Sealed/Unsealed)	Sealed
05) Sample Collected By	M/s. Excellent Enviro Laboratory & Research Centre
06) Date of Sampling	05/01/2021 to 06/01/2021
07) Time of Sampling & Sampling Duration	11:55 AM of 05/01/2021to 11:55AM of 06/01/2021(24hrs)
08) Date of Sample Received in Lab	08/01/2021
09) Analysis Start Date	08/01/2021
10) Ambient Temperature (Max/Min)	32/28 ^o C
11) Dry Bulb Temperature	26 ^o C
12) Wet Bulb Temperature	24 ^o C
13) Relative Humidity(Max/Min)	80/67 %
14) Wind Direction	SE
15) Instrument Details	Make/Model No. POLLTECH /PRM-DCAF 2.5/10 μ
	Serial No. 0418
	Calibration Date Calibration on:22/09/2020, Due On:21/09/2021

RESULT

Sr. No.	Parameter	UOM	Results	NAAQ Standards	Test Method
1	Particulate Matter PM ₁₀	$\mu\text{g}/\text{m}^3$	46.12	≤ 100	US EPA CFR 40 Part 50 Appendix I
2	Particulate Matter PM _{2.5}	$\mu\text{g}/\text{m}^3$	20.16	≤ 60	US EPA CFR 40 Part 50 Appendix L
3	Sulphur Dioxide (SO ₂)	$\mu\text{g}/\text{m}^3$	32.10	≤ 80	IS 5182 (Part 2) : 2001
4	Oxides of Nitrogen (NO _x)	$\mu\text{g}/\text{m}^3$	34.52	≤ 80	IS 5182 (Part 6) : 2006
5	Ammonia (NH ₃)	$\mu\text{g}/\text{m}^3$	18.0	≤ 400	CPCB Guideline
6	Carbon Monoxide (CO)	mg/m^3	0.6	≤ 04	CPCB Guideline
7	Ozone (O ₃)	$\mu\text{g}/\text{m}^3$	14.0	≤ 180	CPCB Guideline
8	Lead (Pb)	$\mu\text{g}/\text{m}^3$	< 0.07	≤ 1.0	CPCB Guideline
9	Arsenic (As)	ng/m^3	< 0.06	≤ 06	CPCB Guideline
10	Nickel (Ni)	ng/m^3	< 0.06	≤ 20	CPCB Guideline
11	Benzene (C ₆ H ₆)	$\mu\text{g}/\text{m}^3$	< 0.04	≤ 05	IS 5182 (Part II) : 2006
12	Benzo (a) Pyrene	ng/m^3	< 0.001	≤ 01	CPCB Guideline
13	Toluene	mg/m^3	48.02	≤ 375	NIOSH 1500
14	Xylene	mg/m^3	92.0	≤ 435	NIOSH 1501

UOM – Unit of Measurement

Remark:- All above results are within National Ambient Air Quality Standards, Notification dtd November 18, 2009.

Note:- "The results pertain to tested portion of sample

Prepared By

Ms. Panku Sontakke
(Lab Chemist)

Checked By

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Authorized Signatory

Mr. Subhasu Madgadkar
(Business Head)

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Excellent Enviro Laboratory & Research Center

Format No. EELRC/LAB/F/066-7.8

AMBIENT AIR MONITORING REPORT

Client's Name & Address	Report No.	EEL/ABD/A-38/04/2021-22
M/s. RPG Life Sciences Ltd. Plot No. Gen-25/25A, MIDC TTC, Thane- Belapur Road, Navi Mumbai-400705.	Date of Reporting	12/04/2021

SAMPLING DETAILS

01) Location of Sampling	Near Dryer Annex	
02) Sampling Procedure	IS 5182 (Part 5)	
03) Sample Volume	SO ₂ :30 ml ×1 no. (Plastic Bottle), NO ₂ :30 ml×1 no. (Plastic Bottle) PM ₁₀ : Filter Paper : 1×1no., PM _{2.5} : Filter Paper: 1×1no.	
04) Sample Status (Sealed/Unsealed)	Sealed	
05) Sample Collected By	M/s. Excellent Enviro Laboratory & Research Centre	
06) Date of Sampling	02/04/2021 to 03/04/2021to	
07) Time of Sampling & Sampling Duration	11:55 AM of 02/04/2021 to 11:55 AM of 03/04/2021 (24hrs)	
08) Date of Received in Lab	05/04/2021	
09) Analysis Start Date	05/04/2021	
10) Ambient Temperature	36 ⁰ C	
11) Dry Bulb Temperature	30 ⁰ C	
12) Wet Bulb Temperature	28 ⁰ C	
13) Relative Humidity	50%	
14) Instrument Details	Make/ Model No.	ASHA ENVIRO/ ASDS /2.5µ
	Serial No.	29
	Calibration Date	Calibration on:19/07/2020, Due On:18/07/2021

RESULTS

Sr. No	Parameter	UOM	Results	NAAQ Standards	Standard Method
1	Particulate Matter (PM ₁₀)	µg/m ³	44.60	≤ 100	USEPA (40 CFR) Part 50
2	Particulate Matter (PM _{2.5})	µg/m ³	16.82	≤ 60	USEPA (40 CFR) Part 50
3	Sulphur Dioxide (SO ₂)	µg/m ³	26.62	≤ 80	IS 5182 (Part 2) 2001
4	Oxides of Nitrogen (NO _x)	µg/m ³	34.45	≤ 80	IS 5182(Part 6):2006
5	Ammonia (NH ₃)	µg/m ³	22.6	≤ 400	Method 401 Air sampling and Analysis 3 rd Edition
6	Carbon Monoxide (CO)	mg/m ³	0.6	≤ 04	GC FID Methanizer Method
7	Ozone (O ₃)	µg/m ³	11.2	≤ 180	Method 411 Air sampling and Analysis 3 rd Edition
8	Lead (Pb)	µg/m ³	< 0.08	≤ 1.0	APHA 3120 B
9	Arsenic (As)	ng/ m ³	< 0.06	≤ 06	APHA 3120 B
10	Nickel (Ni)	ng/ m ³	< 0.05	≤ 20	APHA 3120 B
11	Benzene (C ₆ H ₆)	µg/m ³	< 0.04	≤ 05	IS 5182 Part 11:2006
12	Benzo (a) Pyrene (BaP)	ng/ m ³	< 0.002	≤ 01	IS 5182 Part 12:2004

UOM – Unit of Measurement

Remark: - All above results are within National Ambient Air Quality Standards Notification dtd November 18, 2009.

Note- "The results pertain to tested portion of sample"

Authorized Signatory

(Mr. Subhash M. Gadkar)

(Director)

*****End of Report*****



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Accreditation & Approvals

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Excellent Enviro Laboratory & Research Center

Format No. EELRC/LAB/F/066-7.8

AMBIENT AIR MONITORING REPORT

Client's Name & Address	Report No.	EEL/ABD/A-37/04/2021-22
M/s. RPG Life Sciences Ltd. Plot No. Gen-25/25A, MIDC TTC, Thane- Belapur Road, Navi Mumbai-400705.	Date of Reporting	12/04/2021

SAMPLING DETAILS

01) Location of Sampling	Turbhe Village Distance From 1.37 km	
02) Sampling Procedure	IS 5182 (Part 5)	
03) Sample Volume	SO ₂ :30 ml ×1 no. (Plastic Bottle), NO ₂ :30 ml×1 no. (Plastic Bottle) PM ₁₀ : Filter Paper : 1×1no., PM _{2.5} : Filter Paper: 1×1no.	
04) Sample Status (Sealed/Unsealed)	Sealed	
05) Sample Collected By	M/s. Excellent Enviro Laboratory & Research Centre	
06) Date of Sampling	02/04/2021 to 03/04/2021to	
07) Time of Sampling & Sampling Duration	11:45 AM of 02/04/2021 to 11:45 AM of 03/04/2021 (24hrs)	
08) Date of Received in Lab	05/04/2021	
09) Analysis Start Date	05/04/2021	
10) Ambient Temperature	36 ^o C	
11) Dry Bulb Temperature	30 ^o C	
12) Wet Bulb Temperature	28 ^o C	
13) Relative Humidity	50%	
14) Instrument Details	Make/ Model No.	ASHA ENVIRO/ ASDS /10 μ
	Serial No.	30
	Calibration Date	Calibration on:19/07/2020, Due On:18/07/2021

RESULTS

Sr. No	Parameter	UOM	Results	NAAQ Standards	Standard Method
1	Particulate Matter (PM ₁₀)	μg/m ³	46.80	≤ 100	USEPA (40 CFR) Part 50
2	Particulate Matter (PM _{2.5})	μg/m ³	16.56	≤ 60	USEPA (40 CFR) Part 50
3	Sulphur Dioxide (SO ₂)	μg/m ³	29.48	≤ 80	IS 5182 (Part 2) 2001
4	Oxides of Nitrogen (NO _x)	μg/m ³	30.0	≤ 80	IS 5182(Part 6):2006
5	Ammonia (NH ₃)	μg/m ³	21.14	≤ 400	Method 401 Air sampling and Analysis 3 rd Edition
6	Carbon Monoxide (CO)	mg/m ³	0.6	≤ 04	GC FID Methanizer Method
7	Ozone (O ₃)	μg/m ³	12.0	≤ 180	Method 411 Air sampling and Analysis 3 rd Edition
8	Lead (Pb)	μg/m ³	< 0.07	≤ 1.0	APHA 3120 B
9	Arsenic (As)	ng/ m ³	< 0.07	≤ 06	APHA 3120 B
10	Nickel (Ni)	ng/ m ³	< 0.08	≤ 20	APHA 3120 B
11	Benzene (C ₆ H ₆)	μg/m ³	< 0.04	≤ 05	IS 5182 Part 11:2006
12	Benzo (a) Pyrene (BaP)	ng/ m ³	< 0.005	≤ 01	IS 5182 Part 12:2004

UOM – Unit of Measurement

Remark: - All above results are within National Ambient Air Quality Standards Notification dtd November 18, 2009.

Note- "The results pertain to tested portion of sample"

Authorized Signatory

(Mr. Subhash Wadgaonkar)

(Director)

*****End of Report*****

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Excellent Enviro Laboratory & Research Center

Format No. EELRC/LAB/F/066-7.8

AMBIENT AIR MONITORING REPORT

Client's Name & Address M/s. RPG Life Sciences Ltd. Plot No. Gen-25/25A, MIDC TTC, Thane-Belapur Road, Navi Mumbai-400705.	Report No. EEL/ABD/A-36/04/2021-22	Date of Reporting 12/04/2021
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SAMPLING DETAILS

01) Location of Sampling	Pawna Village Distance From 0.2 Km
02) Sampling Procedure	IS 5182 (Part 5)
03) Sample Volume	SO ₂ :30 ml ×1 no. (Plastic Bottle), NO ₂ :30 ml×1 no. (Plastic Bottle) PM ₁₀ : Filter Paper: 1×1no., PM _{2.5} : Filter Paper: 1×1no.
04) Sample Status (Sealed/Unsealed)	Sealed
05) Sample Collected By	M/s. Excellent Enviro Laboratory & Research Centre
06) Date of Sampling	02/04/2021 to 03/04/2021to
07) Time of Sampling & Sampling Duration	11:30 AM of 02/04/2021 to 10:30 AM of 03/04/2021 (24hrs)
08) Date of Received in Lab	05/04/2021
09) Analysis Start Date	05/04/2021
10) Ambient Temperature	36 ⁰ C
11) Dry Bulb Temperature	30 ⁰ C
12) Wet Bulb Temperature	28 ⁰ C
13) Relative Humidity	50%
14) Instrument Details	Make/ Model No. POLLTECH /PRM -DCAF 2.5/10μ
	Serial No. 0418
	Calibration Date Calibration on:22/09/2020, Due On:21/09/2021

RESULTS

Sr. No	Parameter	UOM	Results	NAAQ Standards	Standard Method
1	Particulate Matter (PM ₁₀)	μg/m ³	42.30	≤ 100	USEPA (40 CFR) Part 50
2	Particulate Matter (PM _{2.5})	μg/m ³	10.20	≤ 60	USEPA (40 CFR) Part 50
3	Sulphur Dioxide (SO ₂)	μg/m ³	28.74	≤ 80	IS 5182 (Part 2) 2001
4	Oxides of Nitrogen (NO _x)	μg/m ³	32.56	≤ 80	IS 5182(Part 6):2006
5	Ammonia (NH ₃)	μg/m ³	18.45	≤ 400	Method 401 Air sampling and Analysis 3 rd Edition
6	Carbon Monoxide (CO)	mg/m ³	0.8	≤ 04	GC FID Methanizer Method
7	Ozone (O ₃)	μg/m ³	10.0	≤ 180	Method 411 Air sampling and Analysis 3 rd Edition
8	Lead (Pb)	μg/m ³	< 0.08	≤ 1.0	APHA 3120 B
9	Arsenic (As)	ng/ m ³	< 0.07	≤ 06	APHA 3120 B
10	Nickel (Ni)	ng/ m ³	< 0.06	≤ 20	APHA 3120 B
11	Benzene (C ₆ H ₆)	μg/m ³	< 0.05	≤ 05	IS 5182 Part 11:2006
12	Benzo (a) Pyrene (BaP)	ng/ m ³	< 0.004	≤ 01	IS 5182 Part 12:2004

UOM – Unit of Measurement

Remark: - All above results are within National Ambient Air Quality Standards Notification dtd November 18, 2009.

Note- "The results pertain to tested portion of sample"

Authorized Signatory

(Mr. Subhash Judgadkar)
(Director)

*****End of Report*****



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Format No. EELRC/LAB/F/066-7.8

AMBIENT AIR MONITORING REPORT

Client's Name & Address	Report No.	EEL/ABD/A-35/04/2021-22
M/s. RPG Life Sciences Ltd. Plot No. Gen-25/25A, MIDC TTC, Thane-Belapur Road, Navi Mumbai-400705.	Date of Reporting	12/04/2021

SAMPLING DETAILS

01) Location of Sampling	Indira Nagar Turbhe Distance From 1.67 km	
02) Sampling Procedure	IS 5182 (Part 5)	
03) Sample Volume	SO ₂ :30 ml ×1 no. (Plastic Bottle), NO ₂ :30 ml×1 no. (Plastic Bottle) PM ₁₀ : Filter Paper: 1×1no., PM _{2.5} : Filter Paper: 1×1no.	
04) Sample Status (Sealed/Unsealed)	Sealed	
05) Sample Collected By	M/s. Excellent Enviro Laboratory & Research Centre	
06) Date of Sampling	02/04/2021 to 03/04/2021to	
07) Time of Sampling & Sampling Duration	11:20 AM of 02/04/2021 to 11:20 AM of 03/04/2021 (24hrs)	
08) Date of Received in Lab	05/04/2021	
09) Analysis Start Date	05/04/2021	
10) Ambient Temperature	36 ^o C	
11) Dry Bulb Temperature	30 ^o C	
12) Wet Bulb Temperature	28 ^o C	
13) Relative Humidity	50%	
14) Instrument Details	Make/ Model No.	Ambient Fine Dust sampler
	Serial No.	--
	Calibration Date	Calibration on:01/07/2020, Due On:01/07/2021

RESULTS

Sr. No	Parameter	UOM	Results	NAAQ Standards	Standard Method
1	Particulate Matter (PM ₁₀)	µg/m ³	48.20	≤ 100	USEPA (40 CFR) Part 50
2	Particulate Matter (PM _{2.5})	µg/m ³	12.60	≤ 60	USEPA (40 CFR) Part 50
3	Sulphur Dioxide (SO ₂)	µg/m ³	30.45	≤ 80	IS 5182 (Part 2) 2001
4	Oxides of Nitrogen (NO _x)	µg/m ³	32.10	≤ 80	IS 5182(Part 6):2006
5	Ammonia (NH ₃)	µg/m ³	20.01	≤ 400	Method 401 Air sampling and Analysis 3 rd Edition
6	Carbon Monoxide (CO)	mg/m ³	0.6	≤ 04	GC FID Methanizer Method
7	Ozone (O ₃)	µg/m ³	12.8	≤ 180	Method 411 Air sampling and Analysis 3 rd Edition
8	Lead (Pb)	µg/m ³	< 0.06	≤ 1.0	APHA 3120 B
9	Arsenic (As)	ng/ m ³	< 0.06	≤ 06	APHA 3120 B
10	Nickel (Ni)	ng/ m ³	< 0.05	≤ 20	APHA 3120 B
11	Benzene (C ₆ H ₆)	µg/m ³	< 0.07	≤ 05	IS 5182 Part 11:2006
12	Benzo (a) Pyrene (BaP)	ng/ m ³	< 0.006	≤ 01	IS 5182 Part 12:2004

UOM – Unit of Measurement

Remark: - All above results are within National Ambient Air Quality Standards Notification dtd November 18, 2009.

Note- "The results pertain to tested portion of sample"

Authorized Signatory

(Mr. Subhash Mungadkar)
(Director)

*****End of Report*****



AN "ENVIRONMENTAL LABORATORY"

Recognised by MOEF & CC, New Delhi, Gazette Notification S.O. 388 (E) Dated 09 February 2017 to 08 February 2022

REGISTERED OFFICE : MUMBAI OFFICE
D-52/18, MIDC Waluj, Aurangabad - 431 136.
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PUNE OFFICE
Gut No. 1252, Tuljai Nagar Behind Gharkul Building No. C-11, Spine Road Newale Wasti Chikhali Pune - 411062
☎ 09767838931/08668441453



Accreditation & Approvals

- ❖ ISO 9001: 2015
- ❖ EMS 14001 : 2015
- ❖ OHSAS 18001:2007
- ❖ NABL & MOEF & CC approved laboratory By Govt. of India

Website : www.eelab.in/eelab@excellentenviro.com
info@excellentenviro.com

ANNEXURE – VII

CETP Membership certificate



COMMON EFFLUENT TREATMENT PLANT (THANE - BELAPUR) ASSOCIATION

Regd. U/s 26 of companies Act 1956.
Regd. No. 11-81988 - Date - 12 th Oct. 1994

18, ANAND SHADKANKAR COMMON FACILITY CENTRE
M. B. Khairani, P. K. U. Road, Thane Saltar Road, New Bombay 400 705

CERTIFICATE OF MEMBERSHIP

Searle India Ltd

Issued under the auspices of the Association, at New Bombay on the
28 th March 1998

For & on behalf of

Common Effluent Treatment Plant (Thane - Belapur) Association

Chairman Adm'n Com



Chairman

RPG LIFE SCIENCES LIMITED

Regd. Office: 20/21, Anand Bhadkamkar Common Facility Centre,
MIDC, Khairne, P. O. Koper Khairne,
Thane Belpur Road,
Navi Mumbai - 400 709.

L

April 7, 1999

Common Effluent Treatment Plant,
(Thane - Belpur) Association,
P-20, Anand Bhadkamkar Common Facility Centre,
MIDC, Khairne, P. O. Koper Khairne,
Thane Belpur Road,
Navi Mumbai - 400 709.

Subject : Change in company name.

Dear Sir,

We are pleased to inform you that our company name has been changed from "SHARIS (INDIA) LIMITED" to "RPG LIFE SCIENCES LIMITED" with effect from 1st April 1999.

This is for your information & future correspondence with us.

Thanking you,

Yours faithfully,
For RPG LIFE SCIENCES

K D Kudva

K D Kudva - Plant Manager



Regd. Office: 20/21, Anand Bhadkamkar Common Facility Centre, MIDC, Khairne, P. O. Koper Khairne, Thane Belpur Road, Navi Mumbai - 400 709.



ANNEXURE – VIII

Analysis report of Effluent discharge



Excellent Enviro Laboratory & Research Center

Format No.: EELRC/F/WAR/84

WASTE WATER ANALYSIS REPORT

Client's Name & Address	Report No.	EEL/ABD/WW-05/12/2020-21
M/s. RPG Life Sciences Ltd., Plot No. Gen-25/25A, MIDC TTC, Thane- Belapur Road, Navi Mumbai-400705.	Date of Reporting	11/12/2020

SAMPLING DETAILS

01) Location of Sampling	ETP Outlet
02) Sampling Procedure	APHA 1060 B 23 rd Edition
03) Sample Volume	2 ltr
04) Sample Status (Sealed/ Unsealed)	Sealed
05) Sample Collected By	M/s. Excellent Enviro Laboratory & Research Centre
06) Date of Sampling	02/12/2020
07) Time of Sampling	13:40PM
08) Date of Received in Lab	04/12/2020
09) Start of Analysis	04/12/2020
10) Sampling Type	Grab Sampling

RESULTS

Sr. No.	Parameter	UOM	Result of Sample	MPCB Limits	Testing Method
1	pH	-	7.1	5.5 – 9.0	APHA 4500 – H ⁺ B
2	Chemical Oxygen Demand (COD)	mg/ltr	135.0	≤ 250	IS 3025 (Part-58):2006
3	Suspended Solids (S.S.)	mg/ltr	34.0	≤ 100	APHA 2540 – D
4	Total Dissolved Solids (TDS)	mg/ltr	274.0	≤ 2100	APHA 2540 – C
5	Oil & Grease	mg/ltr	< 1.0	≤ 10	IS 3025 (Part 39):1991
6	Chloride	mg/ltr	48.0	≤ 600	APHA 4500 – Cl ⁻ B
7	BOD (3 days @27°C)	mg/ltr	38.5	≤ 100	IS 3025 (Part 44):1993
8	Copper as Cu	mg/ltr	NIL	≤ 3	APHA 3120 -B
9	Sulphide (S)	mg/ltr	NIL	≤ 2	APHA -4500S ²
10	Free Ammonia	mg/ltr	0.12	≤ 5	APHA 4500 NH ₃ F

INSTRUMENT DETAILS

Name of Equipment	Sr. No.	Model No.	Make	Calibration Date
pH Meter	18060131	EE/LAB/INS/001	ESICO	Calibration On: 27/06/2020, Due On: 26/06/2021
Weighing Balance	3138284	CX 220	CITIZON	Calibration On: 26/01/2020, Due On: 25/01/2021
BOD Incubator	61231	-	Bio Techno Lab	Calibration On: 26/01/2020, Due On: 25/01/2021
Hof Air Oven	70933	-	BIO-Techniques India	Calibration On: 26/01/2020, Due On: 25/01/2021
COD Digester	-	-	SPECTRALAB	Calibration On: 26/01/2020, Due On: 25/01/2021
UV Spectrophotometer	A11635203662	-	TOSHVIN ANALYTICAL	Calibration On: 06/07/2020, Due On: 06/07/2021

UOM – Unit of Measurement. "The results pertain to tested portion of sample"

Remark: - All above parameter results are within MPCB Limits.

Prepared By

Ms. Sandhyarani Tambe
(Lab Chemist)

Checked By

Ms. Pinku Sontakke
(Lab Chemist)

Authorized Signatory

Mr. Subhash Boddgar
(Business Head)

AN "ENVIRONMENTAL LABORATORY"

Recognised by MOEF & CC, New Delhi, Gazette Notification S.O. 388 (E) Dated (09 February 2017 to 08 February 2022)

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Pune - 411062
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Accreditation & Approvals

ISO 9001: 2015
EMS 14001 : 2015
OHSAS 45001: 2018
NABL & MOEF & CC
approved laboratory
By Govt. of India

Website : www.eelab.in/ eelab@excellentenviro.com



Excellent Enviro Laboratory & Research Center

Format No.:EELRC/F/WAR/84

WASTE WATER ANALYSIS REPORT

Client's Name & Address M/s. RPG Life Sciences Ltd., Plot No. Gen-25/25A, MIDC TTC, Thane- Belapur Road, Navi Mumbai-400705.	Report No. EEL/ABD/WW-33/01/2020-21
Date of Reporting	14/01/2021

SAMPLING DETAILS

01) Location of Sampling	ETP Outlet
02) Sampling Procedure	APHA 1060 B 23 rd Edition
03) Sample Volume	2 ltr
04) Sample Status (Sealed/ Unsealed)	Sealed
05) Sample Collected By	M/s. Excellent Enviro Laboratory & Research Centre
06) Date of Sampling	05/01/2021
07) Time of Sampling	13:15PM
08) Date of Sample Received in Lab	07/01/2021
09) Start of Analysis	07/01/2021
10) Sampling Type	Grab Sampling

RESULTS

Sr. No.	Parameter	UOM	Result of Sample	MPCB Limits	Testing Method
1	pH	-	7.0	5.5 – 9.0	APHA 4500 – H ⁺ B
2	Chemical Oxygen Demand (COD)	mg/ltr	94.0	≤ 250	IS 3025 (Part-58)
3	Suspended Solids (S.S.)	mg/ltr	38.0	≤ 100	APHA 2540 – D
4	Total Dissolved Solids (TDS)	mg/ltr	280.0	≤ 2100	APHA 2540 – C
5	Oil & Grease (O&G)	mg/ltr	≤1.0	≤ 10	IS 3025 (Part-39)
6	Chloride (as Cl)	mg/ltr	39.0	≤ 600	APHA 4500 –Cl- B
7	Biochemical Oxygen Demand (3 days @27oC) (BOD)	mg/ltr	28.0	≤ 100	IS 3025 (Part-44)
8	Copper (as Cu)	mg/ltr	NIL	≤ 3	IS3025 (Part-2)
9	Sulphide (as S ²⁻)	mg/ltr	NIL	≤ 2	APHA -4500S ²⁻
10	Free Ammonia	mg/ltr	0.10	≤ 5	APHA 4500 NH ₃ F

AN "ENVIRONMENTAL LABORATORY"

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Pune - 411062
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Accreditation & Approvals

- ❖ ISO 9001: 2015
- ❖ EMS 14001 : 2015
- ❖ OHSAS 45001: 2018
- ❖ NABL & MOEF & CC approved laboratory By Govt. of India

Website : www.eelab.in/eelab@excellentenviro.com
info@excellentenviro.com



Excellent Enviro Laboratory & Research Center

Format No.:EELRC/F/WAR/84

WASTE WATER ANALYSIS REPORT

Client's Name & Address M/s. RPG Life Sciences Ltd. Plot No. Gen-25/25A, MIDC TTC, Thane-Belapur Road, Navi Mumbai-400705.	Report No. EEL/ABD/WW-52/02/2020-21
	Date of Reporting 17/02/2021

SAMPLING DETAILS

01) Location of Sampling	ETP Outlet
02) Sampling Procedure	APHA 1060 B 23 rd Edition
03) Sample Volume	2 ltr
04) Sample Status (Sealed/ Unsealed)	Sealed
05) Sample Collected By	M/s. Excellent Enviro Laboratory & Research Centre
06) Date of Sampling	08/02/2021
07) Time of Sampling	12:15AM
08) Date of Sample Received in Lab	10/02/2021
09) Start of Analysis	10/02/2021
10) Sampling Type	Grab Sampling

RESULTS

Sr. No.	Parameter	UOM	Result of Sample	MPCB Limits	Testing Method
1	pH	-	7.8	5.5 - 9.0	APHA 4500 - H ⁺ B
2	Chemical Oxygen Demand (COD)	mg/ltr	96.0	≤ 250	IS 3025 (Part-58)
3	Suspended Solids (S.S.)	mg/ltr	40.0	≤ 100	APHA 2540 - D
4	Total Dissolved Solids (TDS)	mg/ltr	285.0	≤ 2100	APHA 2540 - C
5	Oil & Grease (O&G)	mg/ltr	≤ 1.0	≤ 10	IS 3025 (Part-39)
6	Chloride (as Cl)	mg/ltr	41.0	≤ 600	APHA 4500 -Cl- B
7	Biochemical Oxygen Demand (3 days @27°C) (BOD)	mg/ltr	31.0	≤ 100	IS 3025 (Part-44)
8	Copper (as Cu)	mg/ltr	NIL	≤ 3	IS3025 (Part-2)
9	Sulphide (as S ²⁻)	mg/ltr	NIL	≤ 2	APHA -4500S ²⁻
10	Free Ammonia	mg/ltr	0.15	≤ 5	APHA 4500 NH ₃ F

INSTRUMENT DETAILS

Name of Equipment	Sr. No.	Model No.	Make	Calibration Date
pH Meter	18060131	EELAB/INS/001	ESICO	Calibration On: 27/06/2020, Due On: 26/06/2021
Weighing Balance	3138284	CX220/EELRC/EQP/EWB/08	CITIZON	Calibration On: 23/01/2021, Due On: 22/01/2022
BOD Incubator	61231	BTL/EELRC/EQP/BOD/04	Bio Techno Lab	Calibration On: 23/01/2021, Due On: 22/01/2022
Hot Air Oven	70933	BTL-29/EELRC/EQP/HAO/03	Bio Techniques India	Calibration On: 23/01/2021, Due On: 22/01/2022
COD Digester	-	COD 2015 M EELRC/EQP/COD/05	SPECTRALAB	Calibration On: 23/01/2021, Due On: 22/01/2022
UV Spectrophotometer	A11635203662	-	TOSHVIN ANALYTICAL	Calibration On: 06/07/2020, Due On: 06/07/2021

UOM - Unit of Measurement

Remark: All above parameter results are within MPCB limits.

Note:-The results pertain to tested portion of sample"

Prepared By

Ms. Pinku Sontakke
(Lab Chemist)

Checked By

Dr. Pournima Thete

Authorized Signatory

Mr. Subhash Mudgadkar

AN "ENVIRONMENTAL LABORATORY" (Business Head)

Recognised by MOEF & CC, New Delhi, Gazette Notification S.O. 388 (E) Dated (09 February 2017 to 08 February 2022)

REGISTERED OFFICE:

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Behind Gharikul Building
No. C-11, Spine Road
Newale Wasti Chikhali
Pune - 411062
☎ 09767838931/08668441453



Accreditation & Approvals

ISO 9001: 2015
EMS 14001 : 2015
OHSAS 45001: 2018
NABL & MOEF & CC
approved laboratory
By Govt. of India

Website : www.eelab.in/eelab@excellentenviro.com
info@excellentenviro.com



Excellent Enviro Laboratory & Research Center

Format No. EELRC/LAB/F/069-7.8

WASTE WATER ANALYSIS REPORT

Client's Name & Address M/s. RPG Life Sciences Ltd. Plot No. Gen-25/25A, MIDC TTC, Thane-Belapur Road, Navi Mumbai-400705.	Report No. EEL/ABD/NM-10/03/2020-21	Date of Reporting 12/03/2021
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SAMPLING DETAILS

01) Location of Sampling	ETP Outlet
02) Sampling Procedure	APHA 1060 B 23 rd Edition
03) Sample Volume	2 ltr
04) Sample Status (Sealed/ Unsealed)	Sealed
05) Sample Collected By	M/s. Excellent Enviro Laboratory & Research Centre
06) Date of Sampling	03/03/2021
07) Time of Sampling	13:15PM
08) Date of Sample Received in Lab	05/03/2021
09) Start of Analysis	05/03/2021
10) Sampling Type	Grab Sampling

RESULTS

Sr. No.	Parameter	UOM	Result of Sample	MPCB Limits	Testing Method
1	pH	-	7.9	5.5 – 9.0	APHA 4500 – H ⁺ B
2	Chemical Oxygen Demand (COD)	mg/ltr	94.2	≤ 250	IS 3025 (Part-58)
3	Suspended Solids (S.S.)	mg/ltr	48.0	≤ 100	APHA 2540 – D
4	Total Dissolved Solids (TDS)	mg/ltr	289.0	≤ 2100	APHA 2540 – C
5	Oil & Grease (O&G)	mg/ltr	≤ 1.0	≤ 10	IS 3025 (Part-39)
6	Chloride (as Cl)	mg/ltr	37.0	≤ 600	APHA 4500 – Cl- B
7	Biochemical Oxygen Demand (BOD) (3 days @27°C)	mg/ltr	28.26	≤ 100	IS 3025 (Part-44)
8	Copper (as Cu)	mg/ltr	NIL	≤ 3	IS3025 (Part-2)
9	Sulphide (as S ²⁻)	mg/ltr	NIL	≤ 2	APHA -4500S ²⁻
10	Free Ammonia	mg/ltr	0.17	≤ 5	APHA 4500 NH ₃ F

INSTRUMENT DETAILS

Name of Equipment	Sr. No.	Model No.	Make	Calibration Date
pH Meter	18060131	EE/LAB/INS/001	ESICO	Calibration On: 27/06/2020,
Weighing Balance	3138284	CX220/EELRC/EQP/EWB/08	CITIZON	Calibration On: 23/01/2021, Due On: 22/01/2022
BOD Incubator	61231	BTL/EELRC/EQP/BOD/04	Bio Techno Lab	Calibration On: 23/01/2021, Due On: 22/01/2022
Hot Air Oven	70933	BT1-29/EELRC/ EQP/HAO/03	Bio Techniques India	Calibration On: 23/01/2021, Due On: 22/01/2022
COD Digester	-	COD 2015 M /EELRC/EQP/COD/05	SPECTRALAB	Calibration On: 23/01/2021, Due On: 22/01/2022
UV Spectrophotometer	A11635203662	-	TOSHVIN ANALYTICAL	Calibration On: 06/07/2020, Due On: 06/07/2021

UOM – Unit of Measurement

Remark: All above parameter results are within MPCB limits.

Note: "The results pertain to tested portion of sample"

Authorized Signatory

(Mr. Subhash Indgadkar)
(Director)

AN "ENVIRONMENTAL LABORATORY"

Recognised by MOEF & CC, New Delhi, Gazette Notification S.O. 388 (E) Dated (09 February 2015) (09 February 2022)

End of Report

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Excellent Enviro Laboratory & Research Center

Format No. EELRC/LAB/F/1009/18
WASTE WATER ANALYSIS REPORT

Client's Name & Address M/s. RPG Life Sciences Ltd. Plot No. Gen-25/25A, MIDC TTC, Thane-Belapur Road, Navi Mumbai- 400705.	Report No. EEL/ABD/NM-14/04/2021-22	Date of Reporting 12/04/2021
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SAMPLING DETAILS

01) Location of Sampling	ETP Outlet
02) Sampling Procedure	APHA 1060 B 23 rd Edition
03) Sample Volume	2 ltr×1 no. Plastic Can
04) Sample Status (Sealed/Unsealed)	Sealed
05) Sample Collected By	M/s. Excellent Enviro Laboratory & Research Centre
06) Date of Sampling	02/04/2021
07) Time of Sampling	13:15PM
08) Date of Received in Lab	05/04/2021
09) Analysis Start Date	05/04/2021
10) Sampling Type	Grab Sampling

RESULT

Sr. No.	Parameter	UOM	Results of Sample	MPCB Limits	Testing Method
1	pH	-	7.1	5.5 – 9.0	APHA 4500 – H ⁺ B
2	Chemical Oxygen Demand (COD)	mg/ltr	118.0	≤ 250	IS 3025 (Part-58):2006
3	Suspended Solids (S.S.)	mg/ltr	36.0	≤ 100	APHA 2540 – D
4	Total Dissolved Solids (TDS)	mg/ltr	242.0	≤ 2100	APHA 2540 – C
5	Oil & Grease (O&G)	mg/ltr	< 1.0	≤ 10	IS 3025 (Part 39):1991
6	Chloride (as Cl)	mg/ltr	64.0	≤ 600	APHA 4500 – Cl ⁻ B
7	Biochemical Oxygen Demand (BOD) (3 days @27°C)	mg/ltr	29.0	≤ 100	IS 3025 (Part 44):1993
8	Copper as Cu	mg/ltr	NIL	≤ 3	APHA 3120 -B
9	Sulphide (S)	mg/ltr	NIL	≤ 2	APHA -4500S ²
10	Free Ammonia	mg/ltr	0.14	≤ 5	APHA 4500 NH ₃ F

INSTRUMENT DETAILS

Name of Equipment	Sr. No.	Model No.	Make	Calibration Date
pH Meter	18060131	EE/LAB/INS/001	ESICO	Calibration On: 27/06/2020, Due On: 26/06/2021
Weighing Balance	3138284	CX220/EELRC/EQP/E WB/08	CITIZON	Calibration On: 23/01/2021, Due On: 22/01/2022
Hot Air Oven	61231	BTL/EELRC/EQP/BO D/04	BIO TECHNO LAB	Calibration On: 23/01/2021, Due On: 22/01/2022
COD Digester	70933	BTI-29/EELRC/ EQP/HAO/03	BIO TECHNIQUES INDIA	Calibration 23/01/2021, Due On: 22/01/2022
UV Spectrophotometer	ST006	COD 2015 M /EE LRC/EQP/COD/05	SPECTRALAB	Calibration On: 23/01/2021, Due On: 22/01/2022

UOM – Unit of Measurement

Remark: Above parameters results are within MPCB limits.

Note:-“The results pertain to tested portion of sample”

Authorized Signatory

Mr. Subhash Mudgalkar
(Director)

AN "ENVIRONMENTAL LABORATORY"

Recognised by MOEF & CC, New Delhi, GAZETED NOTIFICATION S.O. 388 (E) Dated (09 February 2017 to 08 February 2022)

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Excellent Enviro Laboratory & Research Center

Format No. EELRC/LAB/F/069-7.8

WASTE WATER ANALYSIS REPORT

Client's Name & Address	Report No.	EEL/ABD/NM-13/05/2021-22
M/s. RPG Life Sciences Ltd. Plot No. Gen-25/25A, MIDC TTC, Thane-Belapur Road, Navi Mumbai-400705.	Date of Reporting	13/05/2021

SAMPLING DETAILS

01) Location of Sampling	ETP Outlet
02) Sampling Procedure	APHA 1060 B 23 rd Edition
03) Sample Volume	2 ltr×1 no. Plastic Can
04) Sample Status (Sealed/Unsealed)	Sealed
05) Sample Collected By	M/s. Excellent Enviro Laboratory & Research Centre
06) Date of Sampling	04/05/2021
07) Time of Sampling	15:15PM
08) Date of Received in Lab	06/05/2021
09) Analysis Start Date	06/05/2021
10) Sampling Type	Grab Sampling

RESULT

Sr. No.	Parameter	UOM	Results of Sample	MPCB Limits	Testing Method
1	pH	-	7.0	5.5 – 9.0	APHA 4500 – H ⁺ B
2	Chemical Oxygen Demand (COD)	mg/ltr	162.0	≤ 250	IS 3025 (Part-58):2006
3	Suspended Solids (S.S.)	mg/ltr	34.0	≤ 100	APHA 2540 – D
4	Total Dissolved Solids (TDS)	mg/ltr	240.0	≤ 2100	APHA 2540 – C
5	Oil & Grease (O&G)	mg/ltr	< 1.0	≤ 10	IS 3025 (Part 39):1991
6	Chloride (as Cl)	mg/ltr	62.0	≤ 600	APHA 4500 –Cl ⁻ B
7	Biochemical Oxygen Demand (BOD) (3 days @27°C)	mg/ltr	28.0	≤ 100	IS 3025 (Part 44):1993
8	Copper (as Cu)	mg/ltr	NIL	≤ 3	APHA 3120 -B
9	Sulphide (S)	mg/ltr	NIL	≤ 2	APHA -4500S ⁻²
10	Free Ammonia	mg/ltr	0.10	≤ 5	APHA 4500 NH ₃ F

INSTRUMENT DETAILS

Name of Equipment	Sr. No.	Model No.	Make	Calibration Date
pH Meter	18060131	EE/LAB/INS/001	ESICO	Calibration On: 27/06/2020, Due On: 26/06/2021
Weighing Balance	3138284	CX220/EELRC/EQP/EWB/08	CITIZON	Calibration On: 23/01/2021, Due On: 22/01/2022
BOD Incubator	61231	BTL/EELRC/EQP/BO D/04	BIO TECHNO LAB	Calibration On: 23/01/2021, Due On: 22/01/2022
Hot Air Oven	70933	BTI-29/EELRC/EQP/HAO/03	BIO TECHNIQUES INDIA	Calibration 23/01/2021, Due On: 22/01/2022
COD Digester	ST006	COD 2015 M /EE LRC/EQP/COD/05	SPECTRALAB	Calibration On: 23/01/2021, Due On: 22/01/2022
UV Spectrophotometer	A116352 03662	EELRC/EQ/SPM/07	UV 1800	Calibration On: 06/07/2020, Due On: 06/07/2021

UOM – Unit of Measurement

Remark: Above parameters results are within MPCB limits.

Note:-“The results pertain to tested portion of sample”

Authorized Signatory

(Mr. Subhash Mudgadkar)

(Director)

*****E-MAIL REPORT*****

AN ENVIRONMENTAL LABORATORY

Recognised by MOEF & CC, New Delhi, Gazette Notification S.O. 388 (E) Dated (09 February 2017 to 08 February 2022)

REGISTERED OFFICE : MUMBAI OFFICE
D-52/18, MIDC Waluj, Aurangabad - 431 136.
Tel. 0240-6641879
☎ 07745069991
08668441453

PUNE OFFICE
Gut No. 1252, Tuljai Nagar Behind Gharikul Building No. C-11, Spine Road Newale Wasti Chikhali Pune - 411062



Accreditation & Approvals
ISO 9001: 2015
ISO 14001: 2015
OHSAS 18001: 2008
NABL & MOEF & CC approved laboratory By Govt. of India

Website : www.eelab.in/eelab@excellentenviro.com
info@excellentenviro.com ☎ 09767838931/08668441453

ANNEXURE – IX

Water Permission Letter from MIDC



MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION
(A Government of Maharashtra Undertaking)

WATER SUPPLY
AGREEMENT FORM

ISSUED TO : M/s RPG Life Sciences Ltd.

ADDRESS : Plot No. GEN-25, T.T.C. Ind. Area
Pawane, Belapur Road, Navi Mumbai
Dist - Thane.

AREA : T.T.C.

PLOT NO : GEN-25, T.T.C.

MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION

(REGULATIONS FOR MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION WATER SUPPLY REGULATIONS)

INDIA 201550 600-100000
Special Agricultural & Industrial Area
Mumbai, Maharashtra
District Office, Dombivli
Trombay

NIDCO REG. NO. GEN-25

Phase - DAWAN

1.35 Hect. Area

1. Gen. R.P.G. Life Sciences Ltd.

2. In these regulations unless the context otherwise requires:

- 1) Definition: Consumer shall mean any person or persons applied for applying for supply of water from any works of the corporation or any person or persons otherwise liable for payment of water charges.
- 2) Corporation shall mean the Maharashtra Industrial Development Corporation constituted under the Maharashtra Industrial Development Act, 1961 (Mah. II of 1961)
- 3) The Chief Engineer, The Superintending Engineer & the Executive Engineer shall mean the Chief Engineer, Superintending Engineer and the Executive Engineer appointed by the Corporation.
- 4) Communication pipe shall mean & refer to the pipe which extends from the corporation's main upto valve nearest the consumer's main.
- 5) Supply pipe shall mean and refer to the pipe which extends from the corporation stopcock or shut valve upto the tap cock of the storage tank, if any and any consumer's pipe which carries the water pressure from the corporation's main.
- 6) Utilization pipe shall mean and referred by consumer's pipe which is not subject to water pressure from the corporation main.
- 7) Corporation stopcock or shut valve shall mean and refer to the stopcock of the supply main on the communication pipe nearest the corporation main controlling the supply of water from any corporation separately with the water charges.
- 8) Consumer's pipes and consumer's fittings shall include and refer to all pipes & fittings respectively used in connection with the supply of water from Corporation's water works which are not the property of the corporation.
- 9) The terms and expressions used in section 2 of the Maharashtra Industrial Development Act, 1961 (Mah. II of 1961) shall have the same meaning in so far as the interpretation of these Regulations are concerned.

3. Application for Supply :- Before commencing the laying, alteration or extension or extension of any consumer's pipe or alteration in the consumer shall fill up, sign and deliver to the office of the Executive Engineer in charge of the area, the form prescribed in Schedule 'A' attached to these Regulations.

4. Connection to Mains :- All consumer's pipes and fittings shall be laid in accordance with the terms prescribed by the Executive Engineer and shall be perfectly sound and water tight before the water supply is commissioned. Water will not be supplied to any factory or premises so long as such non-compliance remains.

5. Alteration or Removal of consumer's pipes & Fittings:- No consumer's pipes shall be removed, altered or extended except in accordance with the these regulations.

6. Prevention of Waste or Misuse of Water:- Every consumer shall prevent waste & or misuse of water of the Corporation.

Signature
Rubber Stamp

MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION
MUMBAI

RECEIVED
NORMAL
FILED
NO
NO

- 7. **Communication pipe to be laid or removed by the Corporation:** Communication pipes and fittings which include female G.I. pipes & special fittings, materials for joining etc. or any other type of fittings & accessories upto female or stopcock approved by the Executive Engineer shall be provided by the consumer at his cost. Laying of the communication pipe up to the boundary of the consumer's plot will have to be done by the consumer through a licensed plumber under the supervision of the City authorized representative & etc. to this the consumer will have to pay the connection attachment fees as per provision in clause 60. This will include cost of labor but has to be insured by MIBB.
- 8. **Size of communication pipes:** Water supplied to any premises for which water charges are paid or for which water charges are payable shall be supplied through a female G.I. communication pipe of the size specified.
- 9. **Consumer's Fittings Testing and Approval:** All connections & fittings of whatever kind shall conform to the particular provision & specifications or to such further standards as may from time to time be prescribed by the Corporation and whether so specified or not shall be submitted for approval to the Executive Engineer before being fixed. All such fittings shall be maintained, repaired and renewed at the consumer's expense to the satisfaction of the Executive Engineer. All consumer's fittings or apparatus used in connection with the water supply of the Corporation shall be got approved by the Executive Engineer.
- 10. **Consumer's pipe & fittings:** All consumer's pipes & fittings shall be provided and laid at the consumer's cost and no consumer shall be entitled to supply of water unless & until such pipes & fittings and laying & fixing thereof are approved by the Executive Engineer and unless proper drainage arrangements are made for the disposal of waste water and approved by the Executive Engineer.
- 11. **Erection of water-closets to be approved:** No connection shall be granted for the supply of water to any water closets, lavans or urinal unless its erection is approved by the Executive Engineer & unless sufficient overflow storage is provided.
- 12. **Material of consumer's pipe:** All consumer's pipes shall be of lead, galvanised iron/steel or brass or copper and shall conform in every respect to the particular provision prescribed and specifications as approved by the Executive Engineer. No pipe except such existing pipes as shall be found and do not permit waste or except when and as otherwise authorized by these rules shall be laid used or fixed in or about any premises for conveyance of or in connection with the water supplied by the Corporation unless such pipes to be so laid are approved.
- 13. **Joints:** Whenever lead pipes are used, every lead joint there of shall be of the kind called a plumbing or wiped joint except such existing joints as shall be found and do not permit waste. All connections between lead & non-lead shall be made with a brass union.
- 14. **Method of laying consumer's pipes:** All consumer's pipes shall be laid in the ground & not less than 100 mm below the surface unless laid inside a building and all consumer's pipes shall be so laid or fixed as not be exposed to the heat of the sun but shall any consumer's pipe & fitting be laid in any position or manner which would involve risk or injury to the pipe or fitting or waste or contamination of water. All consumer's pipes here provided or fixed inside any building shall be accessible and not embedded in the plaster, stucco or brick work of any wall. In every case the consumer shall carry out the reasonable requirements of the Executive Engineer to this end. The position at which the connection of the supply pipes to the communication pipe shall be fixed by the Executive Engineer.
- 15. **Pipes to be laid through drain etc.:** No special to used for the conveyance of or in connection with water supplied by the Corporation which is laid or fixed through, in or over any drain or any place where the water conveyed through such pipe may be liable to become mixed or where gas becomes evolved except where such gas is inflammable. In every such unavoidable case, such pipe shall be passed through an exterior wall or window frame or joint of partition or other wall

Signature with
Rubber Stamp

For RPG LIFE SCIENCES LIMITED

E.B. KUDVA
 (Chief Executive Officer)

Signature

iron or other material approved by the Corporation of sufficient length and strength and of such construction as to afford due protection to the water pipe to the satisfaction of the Executive Engineer so as to bring any leakage therefrom within easy observation. Any existing pipe or pipes laid, affixed which do not comply with this, shall be removed unless the written consent of the Executive Engineer obtained for its retention.

- 16. **Position of Stopcock on communication pipes** :- The stop-cock or sluice valves, with the guard box on the communication pipe shall be placed in a position to be selected by the Executive Engineer. The Corporation shall have exclusive control of this stopcock or sluice valve and to this end require that it will be fitted with a catch or spindle head of special design to suit a key kept by the Executive Engineer.
- 17. **Consumer's taps not to be fixed in certain places** :- No Consumer's taps shall be fixed in any courtyard passage or outside any premises, so as to be available for use by the public or any other party without special permission in written from the Executive Engineer. If in the judgment of the Executive Engineer any such tap either directly or indirectly conduct to or be so used or dealt with as to cause a waste or misuse of the water of the Corporation such tap shall be removed by the consumer within 7 days of the receipt of a written order to that effect from the Executive Engineer.
- 18. **Character of Cisterns & ball-cocks** :- Every existing cistern, if not sound or efficient or is such as causes waste or is such as can not be efficiently repaired and every future cistern, reservoir or storage tank shall be of the prescribed kind and shall at all times be made and at all times maintained water tight and shall be properly covered with a close fitting dust tight mosquito proof lid fitted with an approved lock and key and shall be provided with a sound and suitable ball-cock of the prescribed kind securely fixed to the cistern independently of the supply pipe and so that the ball will not become submerged when the level of the water in the cistern is below the working pipe or allow the water to rise to within 2.5 cm. of the lower side of the overflow or working pipe. A stopcock or sluice valve shall be provided on the outlet pipes of all cisterns and fixed as near the cistern as possible.
- 19. **Cisterns to be accessible** :- Every cistern, reservoir or storage tank hereafter used or fixed in connection with water supplied by the Corporation must be easily accessible and placed in such a position as to admit of through inspection and cleaning, and if placed within the house or building shall have a clear space of not less than two feet between its top and ceiling rafter or roof. No cistern reservoir or storage tank except those supplying closets, latrines or urinals only shall be fixed in any water closet, latrine or urinal or in any place in which injurious gases are likely to be produced and as far as practical shall not be placed immediately over any water closet, latrine or urinal.
- 20. **Application for water supply connection** :- The application for water supply connection must be accompanied with the attachment fees as per Schedule given below.

Minimum Diameter of the Size of connection	Registration Connection Fee
1/2" (12.5 mm)	Rs. 10.00
3/4" (19 mm)	Rs. 15.00
1" (25 mm)	Rs. 20.00
1 1/2" (38 mm)	Rs. 30.00

Beyond 1 1/2" or 38 mm Size connection, a separate estimate determining the connection fees will be prepared by the Executive Engineer.
 Note :- Connection fees is payable every time connection is reconnected is after it is cut off under any of the clauses of this agreement.
 The above mentioned fees will also be recovered in advance from the parties in case of re-opening water supply after it is cut off for any reasons in addition to the connection fee, charges for reinstatement of the road surface on the MDC & land

Signature with Rubber Stamp

[Handwritten Signature]

(Convener-Manufacturing Plants)

13/10/2

En. Ravi...

[Handwritten mark]

should be paid by the consumer as under:-

(The road statement or road crossing charges are subject to revision from time to time)

- 1) Cell Rs. 2/- per sqm.
- 2) W.M. Surface Rs. 10/- per Sqm.
- 3) Asphalt surface Rs. 20/- per sqm, including W.M.
- 4) Concrete surface Rs. 25/- per Sqm.

21. **Fixing tested water meter :-** The consumer shall at his own cost fix the tested meter within his premises over which the water shall be measured. The meter tested & fixed to the connection pipe, shall be tested in a testing laboratory approved by the corporation. His test certificate from the officer in charge of the laboratory shall be produced by the consumer. It shall be the duty of the consumer to maintain in good condition the water meter so fixed.
22. **Arrangements for housing meter :-** After the water meter is properly fixed on the connection a brick masonry or concrete chamber with lockable C.I. or other approved pattern of frame and cover shall be constructed by the consumer. The meter and its coupling on consumer's pipes should be sealed by the consumer in the manner approved by the Executive Engineer and should bear the stamp of the corporation if at any particular point of time the seal is found to be broken the consumer will be charged a penalty rate of 50% of the previous month's water bill over and above the normal bill for the month. The responsibility of maintaining the seal shall squarely rest with the consumer. In special case, Executive Engineer may direct that a lock shall be provided by the consumer's own cost and the keys of this lock will rest with the Executive Engineer or his duly authorized agent. The consumer shall be responsible for safety and maintenance in good order of the meter and the cover in his own premises.
23. **Testing of Water meter :-** If at any time after the installation of the water meter, it is indicated that the meter was running slow. The Executive Engineer, shall take action in getting the meter was tested for its correctness. In case this test indicates that the meter was running slow, he shall take action in revising the bills suitably with retrospective effect and his decision in the matter shall be final.
24. **Penalty for unmetered water :-** If the water meter fixed by the consumer is found to be lost, damaged, unrepared, or not in working condition, the consumer shall be charged water charges on the basis of three month's average consumption for the first two months of the meter being not repaired whereas he shall be charged a penalty at the rate of 50 percent of the water charges for next two months and at 100 percent of the water charges for the fifth and sixth months provided that the total period of unmetered supply is not more than six months.
25. **Disconnection for unmetered water supply :-** If the water supply remains unmetered for more than six months the water supply disconnected after giving seven days notice.
26. **Payment of security deposit for water charges :-** The consumer shall deposit with the Ex. Eng. a sum of equivalent to the estimated water charges for the three months advance as a security deposit against failure of payment of water charges and maintenance of water supply consumer, including the water meter in proper condition and good repair. This will be worked out on the basis of the daily requirement (A) and the current water charges. The amount of deposit shall be suitably increased or decreased if the actual consumption is found to vary from the estimated at the time of calculation of the application.
27. **(i) The amount of deposit which is to be related to the actual consumption of water shall be suitably increased or decreased from 1st April of a financial year based on average consumption of water for 10 months from 1st April to 31st January of the preceding financial year.**

For RIG LIFE SCIENCES LIMITED

Executed with
Rubber Stamp


E.L. KADYS
(Controller - Manufacturing Plant)

Sig
Doc

25. (i) On the deposit collected as above simple interest at 5% per annum shall be allowed at the end of every year by giving a proportionate credit to the water charges bill for the month of March.
- Note:- Deposit paid on or before the 5th of a month shall only qualify for payment of interest for the said month in a year.
26. (ii) The maximum amount of deposit shall be limited to Rs. 5 lakhs (Rupees five lakhs) where the consumer's deposit is likely to be exceeded Rs. 4 lakhs. However the power is vested with the Engineer, M.J.D.C. to receive the security deposit in excess of Rs. 50 lakhs where the amount of water bills for three months is more than Rs. 50 lakhs and whose payment of bills are not found to be regular.
27. Water Rate:- The charges for water shall be fixed by the Corporation from time to time. The Corporation shall increase or decrease the water charges in its discretion after giving notice of one month to the consumer. The rates of water charges so fixed or altered shall be conclusive and be binding on the consumers.
28. Arrears to be recovered as arrears of Land Revenue :- The arrears on account of water charges or any other expenses incurred by the Corporation in connection water supply to the consumer shall be recoverable as arrears of land revenue. It shall also be open to the Corporation to disconnect water supply for to comply with these regulations.
29. Detachment fees :- In case the consumer wants the water supply to be closed, he shall have to make an application in this regard to the Executive Engineer along with the detachment fee, which should be 50 percent of the fees mentioned in the table under Regulation 20-A. Minimum notice of 10 days must be given to the Executive Engineer in this case.
30. Shortage of Water:- While the Corporation will endeavour to supply full quantity of water required by consumer it does not bind itself to supply water to the extent of unmet demand for reasons beyond the control of the Corporation such as shortage of water at source, damage to the conveyance system failure of power etc. In order to take into account such non-water supply periods, consumer shall provide their own storage equal to their requirement of 24 hours in their premises.
31. Boosters not allowed :- In no case shall direct boosting be allowed on the Corporation mains or on the connections.
32. Supply Pressure not Guaranteed :- Water supply at pressures is not guaranteed. The Corporation will however make arrangements that the water is delivered at the average ground level of the plot of consumer and that a day's requirement of water would be normally made with at this level.
33. Hrs. of Water Supply :- The hours of water supply to the consumer shall be regulated by the Executive Engineer.
34. Quality of Water :- The Corporation would normally supply potable water.
35. Bills for Water Charges :- The bills on account of water charges, as far as possible will be presented in the first week of every month for the water consumed in the preceding month. The consumer shall pay the bill in full within 15 days from the date of issue of the bill to the Executive Engineer. The payment of bills shall not be withheld on any account.
36. Failure to pay bills :- In case of failure on the part of the consumer to pay his bill within 10 days from the date of its presentation, interest at 17.52% per annum shall be charged to him from the 15th day onwards upto a further period of one month. If the consumer fails to pay the bill along with the interest payable within a given period of one month stated herein above, water connection shall be severed.

For RPG LIFE SCIENCES LIMITED

Signature with
Rubber Stamp


S. K. GUPTA
Executive Engineer
M. J. D. C.

Executive Engineer
M. J. D. C.



- 37. **Correction of bill :-** If the consumer disputes the contents of the bill he shall first pay the bill under protest and then lodge the complaint. The consumer shall be liable to action under clause 33 above if he refuses to make payment of the bill on grounds of any disputes whatsoever on the bill furnished to him by the Executive Engineer.
- 38. **Subletting or renting out connection :-** In case the consumer is allowed by the Corporation to sublet or rent out his premises, he shall produce such letter to the Executive Engineer and furnished in writing details of the parties to whom it is sublet. In case there are any arrears recoverable from the consumer, the arrears shall be cleared by the consumer before subletting or renting out the premises to any other party.
- 39. **Penalty for excess use of water :-** A) In areas where supply quotas are fixed penal charges for excess consumption of water over and above the quota fixed shall be charged, as follows:
 - a) When the consumption of water is known to exceed the allowable consumption the penalty will be charged on the entire excess consumption at double the normal MRP rates. In case the excess continues beyond a period of 90 days from the date noting the first excess, the connection would be severed after giving 10 days notice to the consumer.
 - b) In case when meters are lost, damaged, removed or out of order, the gas will be called according to regulation 24 and the penalty will be charged for the excess consumption.
 - c) In case when in a locality, water used for fire fighting will be worked out and no penalty shall be charged on this quantity.
- 39. B) Where a fixed quantity of bulk supply is from Govt. A Municipality or any local authority & where beyond a fixed quota the bulk supplier levies or would levy penal charges for consumption in excess of the fixed quota, these penal charges would be passed on to the (Retail) consumers proportionately and after taking into account the transmission losses, establishment charges etc.
- 40. **Disconnection of Water Supply:-** The Executive Engineer shall disconnect the service pipe in any of the following events, after giving a written notice to that effect and act after 10 days of date of such notice received by the consumer:
 - a) In default of payment of water charges including the delayed payment charges.
 - b) In case uninterrupted water supply continues beyond six months.
 - c) In case of consumption of water supply in excess of fixed limits (Regulation 28).
 - d) If any leakage or defects in the water supply arrangements within the premises of the consumer are likely to cause losses to the Corporation.
 - e) If the consumer allows water to run to waste and does not carry out the repairs within seven days of receipt of written letter from Executive Engineer in this behalf.
 - f) In case of refusal allow the Executive Engineer or any authorized agents of the Corporation to enter on premises for purpose of inspection of water supply.

For RPG LIFE SCIENCES LIMITED

Signature with
Rubber Stamp


 (Executive Manufacturing Pharmas)

- 2) If the consumer fails to provide suitable arrangements to the satisfaction of the Executive Engineer for the proper disposal of waste water which is likely to cause insanitary and injurious conditions.
- 3) It is to notice that attempts has been made to tamper with the water or the supply connection.
- 4) In case of breach of any of the rules contained herein.

41. Case of marginal judgments in these regulations, involving an amount upto Rs. 100/- per consumer may be determined at the discretion of the Executive Engineer. Such cases involving an amount upto Rs. 1000 per consumer may be determined at the discretion of the Superintendent Engineer.

42. For disputes arising out of the interpretation or otherwise of these regulations the decision of the Chief Engineer, M.D.C. shall be final and binding on the consumer.

43. Modification of the regulation :- The Corporation shall have the power to add, to amend, vary or rescind any provision of these Regulations, from time to time as it may deem fit provided the main purposes of the Regulations are not prejudicially affected.

We the undersigned solemnly promise to abide the rules laid down as above by the Maharashtra Industrial Development Corporation.

Seal of Company Registered Address

Slump

For THE LIFE SCIENCES LIMITED

 (General Manager)
 Maharashtra Industrial Development Corporation

Consumption of water 100 mtr will be provided 1000 cum
 with sewer water connected subject to Regulations and provisions therein in all respects.

This agreement signed, accepted and sealed in my presence on this day 4th of September 2000.


 P. A. T. Executive Engineer
 M.I.D.C. Division No. II, TAMBHUR




 Executive Engineer
 M.I.D.C. Division

RECEIVED AT THE HEAD OFFICE OF THE CORPORATION
 ON 04/09/2000
 GENERAL MANAGER
 MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION

shut down
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12

SCHEDULE "A"

I/We undersigned hereby apply to the Executive Engineer, Maharashtra Industrial Development Corporation, Division _____ to supply water at the premises and for the purpose described below and agree to pay such charges as the Corporation may charge from time to time and to conform to the Maharashtra Industrial Development Act 1961 and the Rules and Regulations made thereunder, as per Annexure - 1.

On _____
 of M.A. _____ bearing
 License of Municipal Corporation of _____
 Municipal Council No. _____

For the year 19 _____ have appointed as a licenced plumber to carry out the plumbing work for the water supply and sanitary arrangement for the building _____ plot No. _____ Road No. _____

Phase _____ of M.I.D.C. _____ Industrial area
 at _____ survey No. _____ of village
 Taluka _____ District _____

Registered office address _____

Purpose, which is required for construction process hereby undertake to give the Corporation due notice of any additions or variations to the above mentioned supply which construction process may desire to take the quantity of water likely to be used per day would be G.M.M. at initial stage and _____ G.M.M. on later stage.

I/We have carefully read and understood the water supply regulations, 1972 and agreed to abide by the provisions made therein and amendments, carried out in the Regulations from time to time and water supply to and water supply to my/our premises will be governed by the Regulations fully, finally and will be legally binding upon me/us.

RPG LIFE SCIENCES LIMITED
 25, M.I.D.C. LAND
 THANE - BELAPUR ROAD,
 NAYI MUMBAI - 400 705

Seal of Company / Registered Address

For RPG LIFE SCIENCES LIMITED

[Signature]
 Signature of

Applicant with Full (F-B) ANDYA
 (Controller, Manufacturing Plants)

Signature of licenced plumber
 With Rubber Stamp with license No.

ANNEXURE – X

Reports of Ambient Noise level monitoring

In study area



Excellent Enviro Laboratory & Research Center

Format No.:EELRC/F/NMR/84

AMBIENT NOISE MONITORING REPORT

Client's Name & Address M/s. RPG Life Sciences Ltd. Plot No. Gen-25/25A, MIDC TTC, Thane- Belapur Road, Navi Mumbai-400705.	Report No. Date of Reporting	EEL/ABD/N-05 to N-09/01/2020-21 15/01/2021
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SAMPLING DETAILS

01) Location of Sampling	As Listed Below in the Table.	
02) Sampling Procedure	IS 4758	
03) Sample Collected By	M/s. Excellent Enviro Laboratory & Research Centre	
04) Date of Sampling	05/01/2021 to 06/01/2021	
05) Time of Sampling & Sampling Duration	11:00 AM of 05/01/2021 to 11:00 AM of 06/01/2021= 24 hrs	
06) Instrument Details	Serial No.	4201
	Make	LUTRON
	Calibration Date	Calibration On: 20/02/2020, Due On:19/02/2021

RESULTS

Sr.No.	Test Location	I.D. No.	UOM	Average Noise Level Readings		MPCB Limit
				Day Time	Night Time	
1	Near Main Gate	N-05	dB(A)	68.5	55.8	During Day time=75 dB(A) During Night Time= 70dB(A) dB(A)
2	Near Store Bay	N-06	dB(A)	66.8	56.2	
3	Near Solvent Yard	N-07	dB(A)	65.4	54.1	
4	Behind MF 2 / 3 Plant	N-08	dB(A)	67.2	56.8	
5	Near Canteen	N-09	dB(A)	66.9	58.2	

UOM – Unit of Measurement

Remark:- Noise Levels are within MPCB normal Limits at all Locations.

Note:-Average Readings (Readings taken every one hour. Total 24 Readings)

Prepared By

Ms. Pinku Sontakke
(Lab Chemist)

Checked By

Dr. Pournima Thete
(Lab Manager)

Authorized Signatory

Mr. Subhash Mudgadkar
(Business Head)



AN "ENVIRONMENTAL LABORATORY"

Recognised by MOEF & CC, New Delhi, Gazette Notification S.O. 388 (E) Dated (09 February 2017 to 08 February 2022)

REGISTERED OFFICE :

D-52/18, MIDC Waluj,
Aurangabad - 431 136.
Tel. 0240-6641879

☎ 07745069991

08668441453

MUMBAI OFFICE

Dhawalgiri Co-op, Hsg. Society,
Building No.1, Flat No. B-3,
Near Peace Park Hotel,
Thana Naka, Panvel - 410 206

☎ 08652671991/08668441453

PUNE OFFICE

Gut No. 1252, Tuljai Nagar
Behind Gharkul Building
No. C-11, Spine Road
Newale Wasti Chikhali
Pune - 411062

☎ 09767838931/08668441453



Accreditation & Approvals

- ❖ ISO 9001: 2015
- ❖ EMS 14001 : 2015
- ❖ OHSAS 45001: 2018
- ❖ NABL & MOEF & CC approved laboratory By Govt. of India

Website : www.eelab.in/eelab@excellentenviro.com
info@excellentenviro.com



Excellent Enviro Laboratory & Research Center

Format No. EELRC/LAB/F/066-7.8

AMBIENT NOISE MONITORING REPORT

Client's Name & Address M/s. RPG Life Sciences Ltd. Plot No. Gen-25/25A, MIDC TTC, Thane- Belapur Road, Navi Mumbai-400705.	Report No. EEL/ABD/AN-03 to 07/04/2021-22	Date of Reporting 12/04/2021
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SAMPLING DETAILS

01) Location of Sampling	As Listed Below in the Table.
02) Sampling Procedure	IS 4758
03) Sample Collected By	M/s. Excellent Enviro Laboratory & Research Centre
04) Date of Sampling	02/04/2021 to 03/04/2021
05) Time of Sampling & Sampling Duration	From 10:00 AM
06) Instrument Details	Serial No. 4201
	Make LUTRON
	Calibration Date Calibration On: 19/03/2021
	Due On: 18/03/2022

RESULTS

Sr.No.	Test Location	I.D. No.	UOM	Average Noise Level Readings		MPCB Limit
				Day Time	Night Time	
1	Near Main Gate	N-03	dB(A)	70.02	63.45	During Day time=75 dB(A) During Night Time= 70dB(A) dB(A)
2	Near Store Bay	N-04	dB(A)	68.78	60.60	
3	Near Solvent Yard	N-05	dB(A)	66.01	58.56	
4	Behind MF 2/3 Plant	N-06	dB(A)	71.20	64.30	
5	Near Canteen	N-07	dB(A)	69.30	59.10	

UOM: Unit of Measurement

Remark: The Noise Level is within MPCB normal Limits.

Authorized Signatory


(Mr. Subhash Mudgadkar)
(Director)

*****End of Report*****



AN "ENVIRONMENTAL LABORATORY"

Recognised by MOEF & CC, New Delhi, Gazette Notification S.O. 388 (E) Dated (09 February 2017 to 08 February 2022)

REGISTERED OFFICE : MUMBAI OFFICE
D-52/18, MIDC Waluj,
Aurangabad - 431 136.
Tel. 0240-6641879
☎ 07745069991
08668441453

MUMBAI OFFICE
Dhawalgiri Co-op. Hsg. Society,
Building No.1, Flat No. B-3.
Near Peace Park Hotel,
Thana Naka, Panvel - 410 206
☎ 08652671991/08668441453

PUNE OFFICE
Gut No. 1252, Tuljai Nagar
Behind Gharkul Building
No. C-11, Spine Road
Newale Wasti Chikhali
Pune - 411062
☎ 09767838931/08668441453



Accreditation & Approvals

- ❖ ISO 9001: 2015
- ❖ EMS 14001: 2015
- ❖ OHSAS 18001: 2018
- ❖ NABL & MOEF & CC approved laboratory By Govt. of India

Website : www.eelab.in/eelab@excellentenviro.com
info@excellentenviro.com

ANNEXURE – XI

Revised Environmental policies in English and Marathi language and the images of the same displayed at conspicuous places



Environmental, Health and Safety (EHS) Policy

We, at **RPG Life Sciences Limited (RPGLS)** are engaged in the development, manufacture and supply of Active Pharmaceutical Ingredients, Intermediates, and Pharmaceutical Formulations.

In our pursuit of excellence and growth we are committed to protect the Environment and Occupational Health of all business partners, namely; Customers, Employees, Service Providers, Contractors, Suppliers, Visitors and Society at large by its safe & environmental friendly operations and continually improve the overall EHS performance.

Integrating all management functions & meeting this policy commitment will be primary management objective. Management will achieve this objective with participation of all employees. The policy will be the individual and collective responsibility of all employees and will be proactively communicated internally and externally. To that end, we RPGLS shall achieve this by:

- Provide safe and healthy working environment for all employees and insist on safe working practices.
- Constantly endeavour to ensure that safety standards are followed and incorporated during the design, installation, operation and maintenance of all its plants and equipment to protect employees and the public from the risk of injury or ill-health and prevent damage to property and environment.
- Encourage employee participation in EHS programme of the Company.
- Ensure that employees are trained, equipped and instructed to perform their duties in a safe and effective way.
- Constantly endeavour to eliminate or minimise the generation of waste by incorporating waste minimization programme in research, process design and plant operations and reuse and recycle the material before the waste is disposed off without any unacceptable risk to the health of living beings and the environment.
- Conduct all the operations in a manner consistent with good industrial hygiene practice, preventing adverse health effects among employees due to physical and chemical agents in the work place.
- Comply with applicable laws and regulations for the protection of environment, health and safety and endeavour to improve upon the minimum legal requirements.

10th October 2018




Yugal Sikri
Occupier

पर्यावरण, आरोग्य आणि सुरक्षा धोरण (ईएचएस) पॉलीसी

आम्ही, आर.पी.जी. लाईफ सायन्सेस लिमिटेड, सक्रिय जीवनी घटक, मान्यत्व जीवनी सावा यांचा विकास, उत्पादन व त्यांचा पुरवठा करण्याच्या व्यासात आहोत.

आम्ही, प्राविण्य / उच्चतम दर्जा व वृद्धीगता साध्य करण्याच्या मार्गावळून वाटचाल करीत असताना, आम्हें व्यावसायिक भागीदार म्हणजेच आमचे जाणक, कर्मचारी, अभ्यासका सेवा प्रदाता करणारे, कंत्राटदार, पुरवठादार, अभ्यंजक (व्हीजीएस) आणि एकुलथ सल्लागारे, सेज्जणार, व्यवस्थापन उद्योगाच्या समस्यांवासुन त्यांचे संरक्षण करण्यास आम्ही प्रतिबध्द आहोत. तसेच आम्ही कर्मचारी व सर्व व्यवहार पर्यावरणाशी मैत्रिपूर्ण असुन एकुलथ पर्यावरण, आरोग्य आणि सुरक्षेमध्ये सुधारणा सातत वडवुन आणण्यास आम्ही प्रतिबध्द आहोत.

व्यवस्थापकीय कार्याचे एकत्रिकरण व सुसुत्रिकरण करुन आणि वा घोरच्यामध्ये दिवलेली आणकारांवाची पुर्तता करुन हे व्यवस्थापनाचे प्राथमिक उद्दीष्ट आहे. सर्व कामगारांच्या सहभागानुन व्यवस्थापन हे उद्दीष्ट साध्य करेल. या धोरणाची अंमलबजावणी करुन, ही सर्व कामगारांची व्यक्तिगत व सामुदायिक जबाबदारी आहे व सर्व कामगार याबाबतची माहिती संबंधीत अंतर्गत व बाह्य घटकांवा त्वचंत्पुर्ण पणे देतील.

यासाठी आर.पी.जी. लाईफ सायन्सेस लिमिटेड पुढील पावले उचलुन हे उद्दीष्ट साध्य करेल.

- सर्व कर्मचाऱ्यांना सुरक्षित आणि निरोगी कामाचे वातावरण उपलब्ध करुने आणि कामातील संपूर्ण सुरक्षिततेवर भर देणे.
- संपूर्ण कारखान्यामधील उपकरणांच्या रचना, रचणना, कार्य आणि सांभाल यामध्ये सातत सुरक्षिततेचा सर्वोत्तम दर्जा राखण्याचा प्रयत्न करुने जेणेकरुन कर्मचाऱ्यांना आणि सामान्य जनतेला हाना किंवा आरोग्य विषयक संरक्षण देता येईल आणि पर्यावरण तसेच वित्तीय हानी होऊ नये म्हणुन प्रतिबध्द करुता येईल.
- कारखान्यामधील सुरक्षाविषयक कार्यकरणात सहभागी होण्याकरिता कर्मचाऱ्यांना प्रोत्साहन देणे.
- कर्मचाऱ्यांना त्यांची कामे सुरक्षित आणि परिणामकारकरीत्या करुता याची म्हणुन त्यांना योग्य त्या सुचना दिवना जातील आणि त्यांना योग्य प्रशिक्षण देऊन त्यांच्याकडे आवश्यक ती सुरक्षेसाठी उपलब्ध असतील याची जबाबदारी घेतली जाईल.
- कारखान्यामधील कामात, संशोधनात आणि उत्पादनाच्या प्रक्रियेमध्ये टाकाऊ वस्तूंचे उत्पादन कमीत कमी व्हाणे किंवा ते होऊन नये या करीता कार्यक्रम राबधुने आणि पर्यावरणात किंवा सजीव प्राण्यांना कोणतही धोका होणार नशी याची जबाबदारी घेऊन कामाची सुरक्षितपणे वित्त्वेवाट लागण्याआशी त्यांचा पुर्नसाधार करण्यात येईल.
- सगळी कामे ही नियमितपणे आणि योग्य जैविक आरोग्यपध्दतींना अनुसरुन होतील, कार्यस्थळी कर्मचाऱ्यांच्या आरोग्यावर भौतिक आणि रासायनिक जोध्दणी कोणतही विपरीत परिणाम होणार नशी याची काळजी घेतली जाईल.
- पर्यावरणाचे संरक्षण, आरोग्य आणि सुरक्षा या सगळ्या जोध्दती पालन हे लागू होणाऱ्या नियम आणि कायद्यानुसार होईल आणि किमान पाचवेहीर बाबीनुसार त्यामध्ये सुधारणा करण्यासाठी प्रयत्नशील राहील.

१० ऑक्टोबर २०१८

 RPG


युगल सीकरी
भोगवटादार



ANNEXURE – XII

Environmental Management Plan

Implementation status



RPG LIFE SCIENCES

**ENVIRONMENT MANAGEMENT PLAN
FOR API SITE LOCATED AT:**

**PLOT NO.25/25A, MIDC LAND, THANE-BELAPUR
ROAD, PAWNE, NAVI MUMBAI 400703**

FOREWORD

Environment, Health and Safety have been one of the key areas of RPG LIFE SCIENCES LTD. where there is constant endeavor to excel. There is a continuous effort to improve its performance in Environmental protection, Health and Safety. This is more than evident in the initiative taken by the Company in preparing the comprehensive Environment Management Plan.

The Environment Management Plan (EMP) highlights the management commitment towards Environment, Health and Safety, the organizational set-up to carry out the declared areas clearly assigning the responsibility at different levels, and arrangements i.e. systems and procedures for making the plan effective.

The EMP Manual, however well devised and comprehensive it may be, cannot ensure Environmental protection, Health and Safety, unless the EMP is translated into action at all levels within the organization.

Employees are expected to adhere to the spirit as well as the letter of this EMP and cooperate with the management to maintain and improve Environmental, Health and Safety standards.




**YUGAL SIKRI
MANAGING DIRECTOR**

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REVISIONS

NAME	NAME & DESIGNATION	SIGNATURE	DATE
Prepared & Reviewed by:	Vinod Narkhede, A.G.M. - EHS		01/04/2021
Approved by:	Kartick Patra, Head – Operations API		01/04/2021
Revision 0.0,	Date of Preparation: 01.04.2019		
Revision 1.0,	Date of Revision: 01.04.2020		
Revision 2.0,	Date of Revision: 01.04.2021		

Environmental, Health and Safety (EHS) Policy

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10th October 2018



Yugal Sikri
Occupier

Sr. No.	Description of Elements of Environment Management Plan (EMP)	EMP Status as on Sept. 2020	Improvement plan	Responsibility	Timeline
1	LIQUID EFFLUENT				
1a.	<ul style="list-style-type: none"> Effluents from the industrial plants should be treated well to the standards as prescribed by the Central/State Water Pollution Control Boards. 	<ul style="list-style-type: none"> Effluent Treatment plant with Primary, Secondary & Tertiary stage provided to meet standards prescribed by CPCB, MPCB. Daily analysis of Effluent being carried out for the parameters like- pH, O & G, SS, COD, BOD, TDS, DO, MLSS & Flow. 	Propose financial provision for availing infrastructure facility for treated water recycling.	Vinod	2021-22
1b.	<ul style="list-style-type: none"> Soil permeability studies should be made prior to effluents being discharged into holding tanks or impoundments and steps taken to prevent percolation and ground water contamination. 	<ul style="list-style-type: none"> Effluent is being handled in closed system ensuring no leachets to soil. Treated effluent is being discharged to CETP through MIDC drain system. 	Carry out soil testing from MoEF & CC approved laboratory to ensure that no leachets to soil.	Vinod	Dec.2021
1c.	<ul style="list-style-type: none"> Special precautions should be taken regarding flight patterns of birds in the area. Effluents containing toxic compounds, oil and grease have been known to cause extensive death of migratory birds. Location of plants should be prohibited in such type of sensitive areas. 	<ul style="list-style-type: none"> The plant is located in industrial area where death of migratory birds not observed since establishment in company premises. 	Keep vigilance & record observations.	Vinod	On-going
1d.	<ul style="list-style-type: none"> Deep well burial of toxic effluents should not be resorted to as it can result in re-surfacing and ground water contamination. Re-surfacing has been known to cause extensive damage to crop and livestock. 	<ul style="list-style-type: none"> Effluent is being handled in closed system ensuring no leachets to soil. Treated effluent is being discharged to CETP through MIDC drain system. 	Refer 1b. Above.	Vinod	Dec.2021
1e.	<ul style="list-style-type: none"> In all cases, efforts should be made for re-use of water and its conservation. 	<ul style="list-style-type: none"> Achieved water conservation up to 30% during last 4 years. Water conservation is planned to 20% by 2020. Hose watering to garden replaced with water drip system & water spray system. Water reuse not initiated due to TDS exceeding consent norms in treated effluent & GMP issue in Pharma manufacturing. 	<ul style="list-style-type: none"> Reuse water ring vacuum pump outlet water, Replacement water ring vacuum pumps with Oil ring vacuum pumps, Replacement of condenser media from cooling water to chilled water. 	Shashi	2021-22

Sr. No.	Description of Elements of Environment Management Plan (EMP)	EMP Status as on Sept. 2020	Improvement plan	Responsibility	Timeline
2	AIR POLLUTION				
2a.	<ul style="list-style-type: none"> The emission levels of pollutants from the different stacks, should conform to the pollution control standards prescribed by Central or State Boards. 	<ul style="list-style-type: none"> 5 Scrubbers provided to process stack as gas scrubbing & air pollution control measures. Preventive maintenance schedule for pollution control equipment is in place. Monthly monitoring is being done to keep checks on achievement of CPCB & MPCB standards. Ambient Air Monitoring is being done on monthly basis to confirm pollution control standards by CPCB & SPCB. 	Carry out HIRA & implement measures to avoid probable accidental release of air pollutants.	Shashi	May, 2021
2b.	<ul style="list-style-type: none"> Adequate control equipment should be installed for minimising the emission of pollutants from the various stacks. 	<ul style="list-style-type: none"> 100% Furnace oil is replaced with Pipeline Natural Gas-PNG (Clean fuel) for boiler firing. Two separate power feeders availed to have uninterrupted operations. D.G. Set is operated as third option, Muffler provided on D.G. Set exhaust, Included DG set in preventive maintenance schedule for their smooth function & release of less pollutants while on operation. 5 Scrubbers provided to process stack as gas scrubbing & air pollution control measures. Primary & HEPA filters provided in Air Handling Units for Dust control at work place. 	<ul style="list-style-type: none"> Do not use Furnace oil for Boiler firing as an economic option unless there is interruption in PNG supply. 	Shashi	On-going
2c.	<ul style="list-style-type: none"> In-plant control measures should be taken to contain the fugitive emissions. 	<ul style="list-style-type: none"> Solvents are handled carefully through closed system to avoid fugitive emissions. Adequate size condensers are provided with efficient condensing medium for effective control on solvent vapor losses during distillation, At source dust control hoods at shop floor to all reactors & dust controller provided. Strategically decided to charge only one batch at a time to control air pollution & chemically cross contamination. 	<ul style="list-style-type: none"> Install continuous TVOC monitor to measure fugitive emissions in plant. Create environmental awareness to plant people regarding solvent handling. 	<ul style="list-style-type: none"> Shashi Respective production heads. 	2021-22
2d.	<ul style="list-style-type: none"> Infrastructural facilities should be provided for monitoring the stack emissions and measuring the ambient air quality including micro-meteorological data (wherever required) in the area. 	<ul style="list-style-type: none"> Infrastructural facilities provided for monthly monitoring the stack emissions and measuring the ambient air quality in the area. 	<ul style="list-style-type: none"> Maintain facility with periodical painting of infrastructure. 	Shashi	On-going

Sr. No.	Description of Elements of Environment Management Plan (EMP)	EMP Status as on Sept. 2020	Improvement plan	Responsibility	Timeline
2e.	<ul style="list-style-type: none"> Proper stack height as prescribed by the Central/State Pollution Control Boards should be provided for better dispersion of pollutants over a wider area to minimise the effect of pollution. 	<ul style="list-style-type: none"> Proper stack height as prescribed by the Central/State Pollution Control Boards provided for better dispersion of pollutants over a wider area to minimise the effect of pollution - <ul style="list-style-type: none"> (a) A Stacks of 33.3 Mtrs height is provided to Boiler. (b) A stack of 15 Mtr height provided to D.G.Set. (c) 5 stacks of 10 Mtr. height each provided to process scrubbers. 	<ul style="list-style-type: none"> Maintain facility with periodical painting of infrastructure. 	Shashi	On-going
2f.	<ul style="list-style-type: none"> Community buildings and townships should be built up-wind of plant with one-half to one kilometer greenbelt in addition to physiographical barrier. 	<ul style="list-style-type: none"> As on date, 3595 trees are surviving & helping as physiographical barrier to community buildings & township. Also, participated in Mass Tree Plantation & planted 2600 trees on forest land. Entered in to agreement with Ms. A.K.Rural Development for maintenance of trees & make them survive. 	<ul style="list-style-type: none"> Ensure 90% survival of trees. 	Deepak	On-going
3	SOLID WASTES				
3a.	<ul style="list-style-type: none"> The site for waste disposal should be checked to verify permeability so that no contaminants percolate into the ground water or river/lake. 	<ul style="list-style-type: none"> Waste disposal site is a Common Hazardous Waste Treatment, Storage, Disposal Facility (CHWTSDf) approved by MoEF, Govt. of India. 	<ul style="list-style-type: none"> In the RPGLS scope, we ensure no permeability during the period of waste storage causes contaminants to percolate in to the ground water. 	Shashi	On-going
3b.	<ul style="list-style-type: none"> Waste disposal areas should be planned down-wind of villages and townships. 	<ul style="list-style-type: none"> Waste disposal site is a Common Hazardous Waste Treatment, Storage, Disposal Facility approved by MoEF, Govt. of India. 	<ul style="list-style-type: none"> In the scope of CHWTSDf. 	----	----
3c.	<ul style="list-style-type: none"> Reactive materials should be disposed of by immobilising the reactive materials with suitable additives. 	<ul style="list-style-type: none"> CHWTSDf gives treatment with suitable additives to reactive material before disposal. Treatment and disposal process is well approved by MoEF, Govt. of India. 	<ul style="list-style-type: none"> In the scope of CHWTSDf. 	----	----
3d.	<ul style="list-style-type: none"> The pattern of filling disposal site should be planned to create better landscape and be approved by appropriate agency and the appropriately pretreated solid wastes should be disposed according to the approved plan. 	<ul style="list-style-type: none"> The pattern of filling disposal site (CHWTSDf) is approved by MoEF, Govt. of India and the appropriately pretreated solid wastes are being disposed according to the approved plan. 	<ul style="list-style-type: none"> In the scope of CHWTSDf. 	----	----
3e.	<ul style="list-style-type: none"> Intensive programs of tree plantation on disposal areas should be undertaken. 	<ul style="list-style-type: none"> A Mass tree plantation measures are taken at disposal areas (CHWTSDf). 	<ul style="list-style-type: none"> In the scope of CHWTSDf. 	----	----

Sr. No.	Description of Elements of Environment Management Plan (EMP)	EMP Status as on Sept. 2020	Improvement plan	Responsibility	Timeline
4	NOISE & VIBRATION				
4a.	<ul style="list-style-type: none"> • Adequate measures should be taken for control of noise and vibrations in the industry. 	<ul style="list-style-type: none"> • Preventive maintenance is being carried out as per planned schedule to overcome on noise & vibrations from equipment. • Noise in ambient controlled by provision of air lock room to enclosed manufacturing areas. Also PVC strips are provided at utility areas for noise control. 	<ul style="list-style-type: none"> • Provide acoustic enclosure to D.G.Set room. 	Shashi	2021-22
5	OCCUPATIONAL HEALTH & SAFETY				
5a.	<ul style="list-style-type: none"> • Proper precautionary measures for adopting occupational safety and health standards should be taken. 	<ul style="list-style-type: none"> • Pre-employment Health check-up is being done for new entrant. • Periodical Medical Examination is carried out on Yearly, Half Yearly, Quarterly basis to check impact of exposure VOC emissions, Particulate matters, High Noise, Carcinogenic product, Abnormal Vision, Colour Blindness, Abnormality relevant to Vertigo, Skin Allergies, etc. • TVOC monitoring started on continuous basis. • Dust collector provided for effective control on particulate matters & avoid asthma due exposure to powdered material. • Adequate ventilation at work place provided through Air Handling Units to overcome on heat stress. • Gas scrubbers are provided to control process emissions. • Adequate stack height provided to Boiler & D.G. Set. • Ensured adequate level of illumination to overcome on eye fatigue. • Respiratory protections provided to employees. 	<ul style="list-style-type: none"> • Arrange sessions through qualified doctors to create awareness regarding importance of medical examination, prevention of health hazards, & council individual employees for improvements. 	Dr. Rajendra Bhachawat	On-going

Sr. No.	Description of Elements of Environment Management Plan (EMP)	EMP Status as on Sept. 2020	Improvement plan	Responsibility	Timeline
6	PREVENTION, MAINTENANCE AND OPERATION OF ENVIRONMENT CONTROL SYSTEM				
6a.	<ul style="list-style-type: none"> Adequate safety precautions should be taken during preventive maintenance and shut down of the control systems. 	<ul style="list-style-type: none"> A Work Permit System is in force to take adequate safety precautions during preventive maintenance of the control system. During shut down, primarily de-sludging is carried out. After de-sludging of the pollution control system, it is thoroughly washed with water & resultant effluent is taken to Effluent Treatment Plant for further treatment. After thorough washing, gas detectors & LEL detectors are used to check presence of toxic or flammable emissions at pollution control equipment. After all necessary precautionary measures, lastly flame test is carried out before start of work. 	Carry out Hazards Identification & Risk Analysis (HIRA) for all activities on site involving people.	Vinod	May-21
6b.	<ul style="list-style-type: none"> A system of inter-locking with the production equipment should be implemented where highly toxic compounds are involved. 	<ul style="list-style-type: none"> An interlock arrangement to H₂S scrubber is made where highly toxic gas from process is being scrubbed effectively. Fix type H₂S detection system to overcome on constraint of Personal monitors. 	Carry out periodical calibration of Fix type H ₂ S detection system and Personal monitors.	Vinod	On-going

Sr. No.	Description of Elements of Environment Management Plan (EMP)	EMP Status as on Sept. 2020	Improvement plan	Responsibility	Timeline
7	HOUSE KEEPING				
7a.	<p>• Proper house-keeping and cleanliness should be maintained both inside and outside of the industry.</p>	<p>• Since it is prime requirement of GMP, a top level House keeping is being maintained inside the manufacturing and warehouse facility.</p> <p>• The external facility also maintained cleaned well as follows:-</p> <p>(a) 5S team is formed to improve & maintain good house keeping within premises, (b) Daily canteen waste is being taken away by Navi Mumbai Municipality Corporation truck for appropriate disposal. (c) Daily road brooming is done & fortnightly, dry tree leaves are being taken away by Navi Mumbai Municipality Corporation truck for appropriate. (d) Levels & Road sides are painted, (e) Walkways are marked, (f) Roads are wetted daily for dust control. (g) Scrap disposal being done on monthly basis. (h) Adequate illumination is provided on road, at work place & Storage areas. (i) Adequate ventilation is provided at work place & storage areas. (j) Buildings & structures are being painted periodically to enhance it's strength/life & aesthetic look. (k) Ornamental plants & Lawns are maintained within premises for dust control & enhancement of aesthetic look. (l) Garbage bins are provided to collect plant wastes & garbage. (m) Hazardous & Non-Hazardous Waste Storage sheds are provided to store Solid wastes before disposal & to protect it from sun & rain water.</p>	<p>• Provide 5S displays & scores.</p> <p>• Accumulate & store scattered metal scrap at dedicated place.</p> <p>• Insulate MF-1 plant roof for reducing heat at work place.</p>	<p>• 5S team leader (Deepak)</p> <p>• Shashi</p>	<p>• May2021</p> <p>• 2021-22</p>

Sr. No.	Description of Elements of Environment Management Plan (EMP)	EMP Status as on Sept. 2020	Improvement plan	Responsibility	Timeline
8	HUMAN SETTLEMENTS				
8a.	<ul style="list-style-type: none"> Residential colonies should be located away from the solid and liquid waste dumping areas. Meteorological and environmental conditions should be studied properly before selecting the site for residential areas in order to avoid air pollution problems. 	<ul style="list-style-type: none"> Residential colonies are located away from the solid and liquid waste dumping areas. A regular monitoring is being done by CPCB & SPCB authorities to study impact on residential areas due to probable air pollution problems. 	<ul style="list-style-type: none"> In the scope of NMMC, SPCB, MIDC 	----	----
8b.	<ul style="list-style-type: none"> Persons who are displaced or have lost agricultural lands as a result of locating the industries in the area, should be properly rehabilitated. 	<ul style="list-style-type: none"> Rehabilitation of persons (who are displaced or have lost agricultural lands as a result of locating the industries in the area) is already done by the State govt. before setting up industrial area. 	<ul style="list-style-type: none"> In the scope of District collector 	----	----
9	TRANSPORT SYSTEMS				
9a.	<ul style="list-style-type: none"> Proper parking places should be provided for the trucks and other vehicles by the industries to avoid any congestion or blocking of roads. 	<ul style="list-style-type: none"> Traffic is being well managed withing & surrounding of the premises to avoid any congestion or blockage of roads. 	<ul style="list-style-type: none"> In the scope of NMMC & MIDC 	----	----
9b.	<ul style="list-style-type: none"> Siting of industries on the highways should be avoided as it may add to more road accidents because of substantial increase in the movements of heavy vehicles and unauthorised shops and settlements coming up around the industrial complex. 	<ul style="list-style-type: none"> This factory is establishment of 1968, and a road side plot was allotted by Maharashtra Industrial Development Corporation. It was a small road connected to factory, after 45 years it has turned to "Thane Belapur Highway" to mitigate substantial increase in the vehicular traffic and to avoid road accidents. 	<ul style="list-style-type: none"> In the scope of NMMC & MIDC 	----	----
9c.	<ul style="list-style-type: none"> Spillage of chemicals/substances on roads inside the plant may lead to accidents. Proper road safety signs both inside and outside the plant should be displayed for avoiding road accidents. 	<ul style="list-style-type: none"> Tanker unloading permit is in force for safe unloading of corrosive & flammable materials. Containments are provided to storage tanks for accidental spillage. Spill control procedure & kits exist on site for control accidental leakages. On Site emergency plan exists to mitigate probable emergency. Speed limit signages are displayed beside roads. Speed breakers are provided for vehicle speed control inside premises. 	<ul style="list-style-type: none"> Enhance visual management 	Vinod	May-21

Sr. No.	Description of Elements of Environment Management Plan (EMP)	EMP Status as on Sept. 2020	Improvement plan	Responsibility	Timeline
10	RECOVERY - REUSE OF WASTE PRODUCTS				
10a.	<ul style="list-style-type: none"> Efforts should be made to recycle or recover the waste materials to the extent possible. The treated liquid effluents can be conveniently and safely used for irrigation of lands, plants and fields for growing non-edible crops. 	<ul style="list-style-type: none"> Spent solvents are recovered & reused in manufacturing to sustain the business. Used Miled Steel & HDPE Drums are thoroughly washed with water. Resultant effluent is taken to ETP for treatment. Washed drums are re-used. Used PVC liners are re-used for packing of Hazardous Wastes like spent charcoal & ETP sludge. 	<ul style="list-style-type: none"> Explore use of treated effluent for land irrigation, plants conveniently and safely. 	Shashi	May-21
11	11. VEGETAL COVER				
11a.	<ul style="list-style-type: none"> Industries should plant trees and ensure vegetal cover in their premises. This is particularly advisable for those industries having more than 10 acres of land. 	<ul style="list-style-type: none"> The area of plot premises is 8 acres & 36% of the area is covered with dense plantation. Also lawn are developed surrounding the buildings to enhance aesthetic look. 	<ul style="list-style-type: none"> Ensure 90% survival of trees. 	Deepak	On-going
12	DISASTER PLANNING				
12a.	<ul style="list-style-type: none"> Proper disaster planning should be done to meet any emergency situation arising due to fire, explosion, sudden leakage of gas etc. Fire fighting equipment and other safety appliances should be kept ready for use during disaster/emergency situation including natural calamities like earthquake/flood. 	<ul style="list-style-type: none"> Disaster Management Plan exist to meet any emergency situation arising due to fire, explosion, sudden leakage of gas etc. Fire fighting equipment and other safety appliances are kept ready for use during disaster/emergency situation including natural calamities like earthquake/flood. 	<ul style="list-style-type: none"> Create awareness about Disaster Management Plan & conduct mock drills periodically. 	Vinod	On-going
13	ENVIRONMENT MANAGEMENT CELL				
13a.	<ul style="list-style-type: none"> Each industry should identify within its setup a Department/Section/Cell with trained personnel to take up the moral responsibility of environmental management as required for planning and implementation of the projects. 	<ul style="list-style-type: none"> RPGLS has a separate Environment, Health & Safety department with 13 employees. Out of 13, five are well qualified, trained & experienced. The HOD of EHS Dept. reports to Head Operations-API. The model Job Responsibilities of individuals w.r.t. Environment, Health and Safety management is well defined in writing. 	<ul style="list-style-type: none"> Initiate proposal for ISO 14000 & OHSAS 18000 	Kartick	2021-22

ANNEXURE – XIII

Yearly survey of Noise Levels



Excellent Enviro Laboratory & Research Center

Format No.: EELRC/F/NMR84

NOISE LEVEL SURVEY REPORT

Client's Name & Address	Report No.	EEL/ABD/N-196/10/2020-21
M/S. RPG Life Sciences Ltd., Plot No. Gea-25/25A, MIDC TTC, Thane- Belapur Road, Navi Mumbai-400705.	Date of Reporting	16/10/2020

SAMPLING DETAILS

01) Location of Sampling	As Listed Below in the Table.		
02) Sampling Procedure	IS 4758		
03) Sample Collected By	M/s. Excellent Enviro Laboratory & Research Centre		
04) Date of Sampling	06/10/2020		
05) Time of Sampling	8:00AM to 10:00PM (Day Time) & 10:00PM to 06:00AM (Night Time)		
06) Instrument Details	Serial No.	4201	
	Make	LUTRON	
	Calibration Date	Calibration On: 20/02/2020, Due On: 19/02/2021	

RESULTS

Sr. No.	Area/ Location	Activity	Sound level in dB(A) Leq		Limit
			Day Time	Night Time	
Manufacturing					
01	Generator Room	Operation work	64.5	62.5	90.0
02	Mechanical Work shop	Maintenance Work	75.8	72.1	90.0
03	Electrical Work Shop	Repairing work	76.1	73.0	90.0
04	Boiler House	Operation work	83.4	80.0	90.0
05	Operator cabin	Office work	73.7	67.4	90.0
06	Pump House	Operation work	83.2	80.1	90.0
07	Purified Water Room	Operation work	81.7	77.0	90.0
08	Service Room	Servicing	83.5	82.5	90.0
09	Air Compressor	Operation work	82.8	79.4	90.0
10	Brine Compressor	Operation work	84.2	81.7	90.0
11	ETP Air Blower Room- 01	Treatment Work	85.7	81.0	90.0
12	ETP Air Blower Room- 02	Treatment Work	81.3	79.6	90.0
13	MF-01 Ground Floor Near Pilot Plant	Manufacturing Work	72.8	66.1	90.0
14	MF-01 First Floor Near R-1005	Manufacturing Work	75.2	75.0	90.0
15	MF-01 Ground Floor	Manufacturing Work	69.3	66.0	90.0
16	MF-01 First Floor	Manufacturing Work	75.9	71.1	90.0
17	MF-01 DPX First Floor	Manufacturing Work	79.7	77.0	90.0
18	MF-01 DPX Ground Floor R-1023	Manufacturing Work	66.8	60.9	90.0
19	MF-01 PPA Passage	Walking	67.4	61.2	90.0
20	MF-02 Ground Floor	Manufacturing Work	62.9	58.5	90.0
21	MF-02 First Floor	Manufacturing Work	79.4	74.7	90.0
22	MF-02 PPA Passage	Manufacturing Work	58.2	52.1	90.0
23	MF-02 Office	Office Work	55.7	53.9	90.0
24	MF-03 Ground Floor	Manufacturing Work	54.1	51.0	90.0
25	MF-03 First Floor	Manufacturing Work	78.2	74.1	90.0
26	MF-03 Cabin	Controlling	56.5	52.8	90.0

AN "ENVIRONMENTAL LABORATORY"

Recognized by MOEF & CC, New Delhi. Gazette Notification S. O. 346 (E) Dated (05 February 2017 to 05 February 2022)

REGISTERED OFFICE

G/02/18 MIDC Waki,
Almora Road - 431136
Ph: 3280-664100
E: 07743008931

MUMBAI OFFICE

Dhawalji Ch-09, Heg. Smart,
Building No. 1, Flat No. B-3,
Near Peace Park Hotel,
Thane Waka, Pincode - 400705
E: 022-25492627 / 022-25491427

PUNE OFFICE

Gat No. 1252, Taktu Nagar
Behind Chitral Building,
No. C-11, Same Road,
Nandiv Wasti Chitral,
Pune - 411043



Accreditation & Approvals

ISO 9001: 2015
EMS 14001: 2015
CHSAS 45001: 2018
NABL & MOEF & CC



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27	MF 03 PPA Passage	Walking	56.8	51.4	90.0
28	MF 03 PWS	Manufacturing Work	76.1	70.9	90.0
29	Store Area Passage	Walking	66.3	62.2	90.0
30	Store Area Office	Office Work	63.8	59.6	90.0
31	Inside Service Room	Office Work	82.3	76.4	90.0
R & D					
32	Instrument Room	Analytical Work	54.7	51.2	90.0
33	Process R & D	Analytical Work	73.4	70.4	90.0
34	Washing Area	Analytical Work	69.8	65.2	90.0
35	G. C. Room	Analytical Work	65.2	61.4	90.0
36	HPLC Room	Analytical Work	64.7	60.1	90.0
37	ADL Formulation	Analytical Work	73.1	67.4	90.0
Q C					
38	Wet Lab	Analysis Work	57.8	53.4	90.0
39	Glassware Cleaning Room	Cleaning Work	56.4	52.1	90.0
40	G. C. Room	Analysis Work	62.2	59.1	90.0
41	Stability Room	Analysis Work	76.1	72.0	90.0
42	Instrument Lab	Analysis Work	71.5	66.7	90.0
43	Incubator room	Analysis Work	72.1	67.1	90.0
44	Passage Area	Analysis Work	64.1	61.2	90.0
Ambient Noise					
45	Main Gate	Open Area	71.4	67.5	75.0
46	Near ETP Lab	Open Area	66.3	64.2	75.0
47	U / G Storage Tank area	Open Area	55.7	52.1	75.0
48	Near Compound Wall opp. Canteen	Open Area	70.1	67.2	75.0
49	Behind MF 2 & MF 3 Plant	Open Area	63.9	57.0	75.0

The following table shows the Permissible Exposure limit in cases of continuous Noise

Total time of exposure (continuous or a number of short term exposure) per day, in hours.	Sound pressure level in dB (A)
8.0 hrs.	90.0
6.0 hrs	92.0
4.0 hrs	95.0
3.0 hrs	97.0
2.0 hrs	100.0
1.5 hrs	102.0
1.0 hrs	105.0
¾ hrs	107.0
½ hrs	110.0
¼ hrs.	115.0

AN "ENVIRONMENTAL LABORATORY"

Recognized by MOEF & CC, New Delhi, Gazette Notification S.O. 388 (E) Dated (05 February 2017 to 05 February 2022)

REGISTERED OFFICE

D-52/18, MIDC, Vashi,
Aurangabad - 431 136
PH: 0240-4641079
A: 9774539999

MUMBAI OFFICE

Chandrapet Co-op. Hsg. Society,
Building No.1, Flat No. B-3,
Near Peace Park Hotel,
Thane Naka, Pincode - 400 206
T: 022-25232642, 25232643

PUNE OFFICE

Dist. No. 1252, Tuljar Nagar
Rohini Charhat Building,
No. C-11, Spine Road
Nerul, West Chinchwad,
Dist. - 411063



Serifications & Approvals

ISO 9001:2015
EMS 14001:2015
OHSAS 45001:2018
NABL & MOEF & CC
Environmental Laboratory



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Permissible Exposure Levels of Impulsive or Impact Noise

Peak sound pressure level in dB (A)	Permitted number of impulses or impact per day
140	100
155	315
130	1,000
125	3,160
120	10,000

Remark: Noise level is within normal limits as specified in the Factories Act, 1948

Prepared By

Ms. Sandhyarani Tambe
(Lab Chemist)

Checked By

Mr. Pinkar Soutalke
(Lab Chemist)

Authorized Signatory

Mr. Subhojit Chitambar
(Owner/In-charge)

AN "ENVIRONMENTAL LABORATORY"

Recognized by MOEF & CC, New Delhi, Gazette Notification S.O. 388 (E) Dated (09 February 2017 to 28 February 2022)

REGISTERED OFFICE
D-52/18 MDC Vaslu,
Aurangabad - 431 126
Ph. 0248-664190
T. 0778190999
www.eelab.com

MUMBAI OFFICE
Dhansiget Co-op. Hsg. Society
Building No.1, Flat No. B.3
Near Peace Park Hotel,
Thane Naka, Parel - 400 056
T. 022-25762422, 25762423

PUNE OFFICE
Flat No. 1252, Tاجر Nagar
Railhead Colonial Building
No. C-11, Spine Road
Newer West Chikhli
Pune - 411003



Accreditation & Approvals
ISO 9001: 2015
EMS 14001: 2015
OHSAS 45001: 2018
NABL & MOEF & CC
(Government Recognition)

ANNEXURE – XIV

Application for renewal of Consent to Operate



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

Application for Consent/ Authorisation

Sir,
I/We hereby apply for*

1. Consent to Establish/Operate/Renewal of consent under section 25 and 26 of the Water (Prevention & Control of Pollution) Act, 1974 as amended.
2. Consent to Establish/Operate/Renewal of consent under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981, as amended.
3. Authorization/renewal of authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 in connection with my/our/existing/proposed/altered/ additional manufacturing/processing activity from the premises as per the details given below.

Consent Information

UAN No:
MPCB-CONSENT-0000111287

Application submitted on:
22-03-2021

Industry Information

Consent To: Renewal (Normal)	IIN No.: 100000660000	Submit to: SRO - Navi Mumbai I	
Type of institution: Industry	Industry Type: R58 Pharmaceuticals	Category: Red	Scale: L.S.I
EC Reqd. No	EC Obtained Yes	EC Ref. No. SEIAA-EC-0000000471, dated 29.10.2018	
Whether construction-buildup area is more than 20,000 sq.mtr.(Existing Expansion Unit)		No	

General Information

1. Name, designation, office address with Telephone/Fax numbers, e-mail of the Applicant Occupier/Industry/Institution / Local Body.

Name Vinod S.Narkhede	Address 25 MIDC Land, Thane Belapur Road, Pawne, Navi Mumbai
Designation AGM - EHS	Taluka Thane
Area TTC Industrial Area, Pawne	District Thane
Telephone 9820644773	Fax 022 27672646
Email vinod.narkhede@rpgls.com	Pan Number AADCR8060K

2. (a) Name and location of the industrial unit/premises for which the application is made (Give revenue Survey Number/Plot number name of Taluka and District, also telephone and fax number)

Industry name

RPG LIFE SCIENCES LIMITED

Location of Unit

MIDC Land, Thane-Belapur Road, Pawne, Navi Mumbai

Survey number/Plot Number

Plot no. 25/25A

Taluka

Thane

District

Thane

(b) Details of the planning permission obtained from the local body/Town and Country Planning authority/Metropolitan Development authority/ designated Authority.

Planning permission

TTC Industrial Area, Navi Mumbai

Planning Authority

TTC Industrial Area, Navi Mumbai

Name of the local body under whose jurisdiction the unit is located and Name of the licence issuing authority

Name of Local Body

TTC Industrial Area, Navi Mumbai

Name of the licence issuing authority

Directorate of Industrial Safety and Health, Thane

3. Names, addresses with Telephone and Fax Number of Managing Director / Managing Partner and officer responsible for matters connected with pollution control and/or Hazardous waste disposal.

Name of Managing Director

Yugal Sikri

Telephone number

02266157547

Fax number

02224970127

Officer responsible for day to day business

Vinod Narkhede

4. (a.) Are you registered Industrial unit ?

Yes

Registration number

L24232MH2007PLC169354

Date of registration

Feb 13, 2008

5. Gross capital investment of the unit without depreciation till the date of application (Cost of building, land, plant and machinery). (To be supported by an affidavit/undertaking on Rs.20/- stamp paper, annual report or certificate from a Chartered Accountant for proposed unit(s), give estimated figure)

Gross capital (in Lakh)

8481.00

*** Verified**

CA Certificate

*** Terms**

5

*** Consent Fee**

625000.00

6. If the site is located near sea-shore/river bank/other water bodies/Highway, indicate the crow fly distance and the name of the water body, if any.

Distance From	Distance(Km)	* Name
SH/NH	0.50	Thane-Belapur
River	0.00	--NA--
Human Habitation	1.00	
Religious Place	0.00	--NA--
Historical Place	0.00	--NA--
Creek/Sea	7.00	Creek/Sea

6b. Enter Latitude and Longitude details of site

Latitude

19.0905

Longitude

73.0258

7. Does the location satisfy the Requirements Under relevant Central/State Govt. Notification such as Coastal Regulation Zone. Notification on Ecologically Fragile Area, Industrial Location policy, etc. If so, give details.

Location	Approved Industry Area	Sensitive Area	If Yes, Name Of Area	Industry Location with Reference to CRZ
Pawne MIDC	Yes	No	NA	

8. If the site is situated in notified industrial estate,

	Details
(a) Whether effluent collection, treatment and disposal system has been provided by the authority.	Yes TBIA-CETP, Koparkhairane
(b) Will the applicant utilize the system, if provided.	Yes Membership copy uploaded
(c) If not provided, details of proposed arrangement.	NA

9.

(a) Total plot area (in square meter)	(b) Built up area and (in square meter)	(c) Area available for the use of treated sewage/ trade effluent for gardening/irrigation. (in square meter)
34483	12292	600

10. Month and year of commissioning of the Unit.

2021-05-31

11. Number of workers and office staff

Workers	staff	Hrs. of shift	Weekly off
76	210	8	Sunday

12.

(a) Do you have a residential colony Within the premises in respect of Which the present application is Made ?	No	NA	
(b) If yes, please state population staying			
Number of person staying	Water consumption	Sewage generation	Whether is STP provided?
	0	0	No
(c) Indicate its location and distance with reference to plant site.			
Number of person staying	Water consumption		
NA	0		

13. List of products and by-products Manufactured in tonnes/month, Kl/month or numbers/month with their types i.e. Dyes, drugs etc. (Give figures corresponding to maximum installed production capacity)

Products Name and Quantity

Product Name	UOM	Product Name	Existing	Consented	Proposed Revision	Total	Remarks
Pharmaceuticals(excluding formulation)	MT/A	Anti-Psychotic - Haloperidol, Haloperidol deconoate, Risperidone etc.	9.3	0	6.8	6.8	Decreased by (2.5MT/A) As per valid Consent & EC
Pharmaceuticals(excluding formulation)	MT/A	Anti-Arrhythmic class I - Disopyramide Phosphate etc.	0.3	0	0.5	0.5	Increased by (0.2MT/A) As per valid Consent & EC

Pharmaceuticals(excluding formulation)	MT/A	Anti Diarrhoeal - Diphenoxylate HCL etc.	7.2	0	5.0	5	Decreased by (2.2MT/A) As per valid Consent & EC
Pharmaceuticals(excluding formulation)	MT/A	Immunosuppressant - Azathioprine, Mycophenolate Mofetil, Mycophenolate Sodium etc.	16.8	0	25.2	25.2	Increased by (8.4MT/A) As per valid Consent & EC
Pharmaceuticals(excluding formulation)	MT/A	Collinergic Blockers - Propantheline bromide etc.	1.5	0	1.2	1.2	Decreased by (0.3MT/A) As per valid Consent & EC
Pharmaceuticals(excluding formulation)	MT/A	Anthelmintic - Quinifamide etc.	8.4	0	9.0	9	Increased by (0.6MT/A) As per valid Consent & EC
Pharmaceuticals(excluding formulation)	MT/A	Anti Thrombotic / Anti Platelet - Ticlopidine HCL etc.	1.8	0	0.3	0.3	Decreased by (1.5MT/A) As per valid Consent & EC
Pharmaceuticals(excluding formulation)	MT/A	Anti Convulsant - Lamotrigine etc.	7.2	0	4.0	4	Decreased by (3.2MT/A) As per valid Consent & EC
Pharmaceuticals(excluding formulation)	MT/A	Anti Ulcerant - Pantaprazole Sodium, Pantaprazole Sequehydrate etc.	9.6	0	7.86	7.86	Decreased by (1.74MT/A) As per valid Consent & EC
Pharmaceuticals(excluding formulation)	MT/A	Anti Depressant - Sertraline HCL etc.	6.0	0	5.5	5.5	Decreased by (0.5MT/A) As per valid Consent & EC
Pharmaceuticals(excluding formulation)	MT/A	Anti Anginal - Nicorandil etc.	1.8	0	2.5	2.5	Increased by (0.7MT/A) As per valid Consent & EC
Pharmaceuticals(excluding formulation)	MT/A	Anti Hypertensive - Tolvaptan, Benidipine HCL, Solifenacin, Lercanodipine HCL etc.	0.36	0	2.4	2.4	Increased by (2.04MT/A) and inclusion of proposed product is Lercanodipine HCL in this group as per valid Consent & EC
Pharmaceuticals(excluding formulation)	MT/A	Anti Hyperparathyroid- Cinacalcet HCL etc.	0.3	0	0.3	0.3	Same as per valid Consent & EC
Pharmaceuticals(excluding formulation)	MT/A	Total	70.56	0	70.56	70.56	As per valid Consent & EC

Products Name and Quantity

Product Name	UOM	Quantity	Remarks
NA	--NA--	0	NA

14. List of raw materials and process chemicals with annual consumption corresponding to above stated production figures, in tonnes/month or kl/month or numbers/month.

Name of Raw Material	UOM	Quantity	Hazardous Waste	Hazardous Chemicals	Remarks
Acetone	Kg/Annum	110770	No	No	RM list uploaded

Ammonium sulphate	Kg/Annum	13950	No	No	RM list uploaded
Caustic soda lye	Kg/Annum	88251	No	No	RM list uploaded
Chloroform	Kg/Annum	11480	No	No	RM list uploaded
Denatured absolute alcohol (5% acetone)	Kg/Annum	31000	No	No	RM list uploaded
Diethyl oxalate	Kg/Annum	10250	No	No	RM list uploaded
Sodium hypochlorite	Kg/Annum	31020	No	No	RM list uploaded
Sulphuric acid L.R.	Kg/Annum	23850	No	No	RM list uploaded
Toluene	Kg/Annum	82098	No	No	RM list uploaded
Liquor ammonia	Kg/Annum	11600	No	No	RM list uploaded
Methanol	Kg/Annum	169192	No	No	RM list uploaded
Methylene chloride	Kg/Annum	153630	No	No	RM list uploaded
Mono methylamine	Kg/Annum	12820	No	No	RM list uploaded
Phosphorous pentachloride	Kg/Annum	28680	No	No	RM list uploaded
Pyridine	Kg/Annum	24675	No	No	RM list uploaded
Dimethyl formamide	Kg/Annum	12470	No	No	RM list uploaded
Ethyl acetate	Kg/Annum	47670	No	No	RM list uploaded
Hexane	Kg/Annum	21600	No	No	RM list uploaded
Hydrobromic acid (aqueous 48%)	Kg/Annum	25500	No	No	RM list uploaded
Hydrochloric acid	Kg/Annum	53860	No	No	RM list uploaded
Isopropyl ether	Kg/Annum	19500	No	No	RM list uploaded

15. Description of process of manufacture for each of the products showing input, output, quality and quantity of solid, liquid and gaseous wastes, if any from each unit process.

Manufacturing process with chemical reaction, process flow and MB are uploaded for existing and proposed product.

Part B : Waste Water aspects

16. Water consumption for different uses (m³/day)

Purpose	Consumption	Effluent Generation	Treatment	Remarks	Disposal	Remarks
Domestic Pourpose	70	60	Septic Tank	NA	Shared ETP	CETP through ETP
Water gets Polluted & Pollutants are Biodegradable	144	95.5	Primary + Secondary + Tertiary	NA	CETP	CETP
Water gets Polluted, Pollutants are not Biodegradable & Toxic	0	0	--NA--	NA	--NA--	NA
Industrial Cooling, spraying in mine pits or boiler feed	76	24.5	Primary + Secondary + Tertiary	NA	CETP	CETP

Others Gardening - 60
CMD

17. Source of water supply, Name of authority granting permission if applicable and quantity permitted.

Source of water supply	Name of authority granting permission	Quantity permitted
Thane-Belapur MIDC	Thane-Belapur MIDC	350

18. Quantity of waste water (effluent) generated (m3/day)

Domestic	Boiler Blowdown	Industrial	Cooling water blowdown
60	9.5	0	15
Process	DM Plants/Softening	Washing	Tail race discharge from
95.5	0	0	0

* 19. Water budget calculations accounting for difference between water consumption and effluent generated.

Copy uploaded

20. Present treatment of sewage/canteen effluent (Give sizes/capacities of treatment units).

Capacity of STP (m3/day)

0

Treatment unit	Size (mxm)	Retention time (hr)
NA	0	0

21. Present treatment of trade effluent (Give sizes/capacities of treatment units) (A schematic diagram of the treatment scheme with inlet/outlet characteristics of each unit operation/process is to be provided. Include details of residue Management system (ETP sludges)

Capacity of ETP (m3/day)

200

Treatment unit	Size (mxm)	Retention time (hr)
Neutralization Tank	8.42	0.08
Equalization Tank	30	0.3
Clarifier-1	8	0.08
Aeration Tank-1	72.8	0.76
Aeration Tank-2	53.7	0.56
Clarifier-2	12.5	0.13
Clarifier-3	18	0.18
Tertiary Feed tank	10	0.10
Pressure Sand Filters (PSF)	1.2	0.012
Activate carbon Filter (ACF)	1.2	0.012
Chemical Sludge Holding Tank	5.75	0.06
Sludge Drying Beds (2 Nos)	10.5	0.10

22.

(i) Are sewage and trade effluents mixed together?

Yes

If yes, state at which stage-Whether before, intermittently or after treatment.

Intermittently

23. Capacity of treated effluent sump, Guard Pond if any.

Capacity of treated effluent sump (m3)	10	
Effluent sump/Guard pond details	No	NA
If yes, state at which stage-Whether before, intermittently or after treatment.	No	NA

24. Mode of disposal of treated effluent With respective quantity, m3/day

(i) into stream/river (name of river)	0	(ii) into creek/estuary (name of Creek/estuary)	0
(iii) into sea	0	(iv) into drain/sewer (owner of sewer)	0
(v) On land for irrigation on owned land/ase land. Specify cropped area.	0	(vi) Connected to CETP	180
(vii) Quantity of treated effluent reused/ recycled, m3/day Provide a location map of disposal arrangement indicating the outler(s) for sampling. Treated effluent reused / recycled (m3/day)	0		

25. (a) Quality of untreated/treated effluents (Specify pH and concentration of SS, BOD,COD and specific pollutants relevant to the industry. TDS to be reported for disposal on land or into stream/river.

Untreated Effluent

pH	7.3	
SS (mg/l)	58	
BOD (mg/l)	2041	
COD (mg/l)	6812	
TDS (mg/l)	640	
Specific pollutant if any	Name	Value
1	Chloride	150

Treated Effluent

pH	7.8	
SS (mg/l)	40	
BOD (mg/l)	31	
COD (mg/l)	96	
TDS (mg/l)	285	
Specific pollutant if any	Name	Value
1	Chloride	41

(b) Enclose a copy of the latest report of analysis from the laboratory approved by State Board/ Committee/Central Board/Central Government in the Ministry of Environment expected characteristics of the untreated/treated effluent

Latest analysis report by MoEFCC approved lab. uploaded

26. Fuel consumption

Fuel Type	UOM	Fuel Consumption TPD/LKD	Calorific value
Diesel	Kg/Hr	104	10800

Ash content	Sulphur content	Quantity	Other (specify)
0.02	0.5	1	As per Valid CTO

Fuel Type	UOM	Fuel Consumption TPD/LKD	Calorific value
LDO	Kg/Hr	105	10500
Ash content	Sulphur content	Quantity	Other (specify)
0.05	1.8	1	LDO is used as optional fuel in replacement to furnace oil

Fuel Type	UOM	Fuel Consumption TPD/LKD	Calorific value
PNG	SCM/Hr	41.6	8500
Ash content	Sulphur content	Quantity	Other (specify)
0.03	0.02	1	As per Valid CTO

27. (a) Details of stack (process & fuel stacks: D. G.)

(a) Stack number(s)	(b) Stack attached to	(c) Capacity	(d) Fuel Type
S-1	Boiler (Existing)	2	PNG- 41.6 SCM/Hr , LDO - 105 Kg/Hr (As Optional)
(e) Fuel quantity (Kg/hr.)	(f) Material of construction	(g) Shape (round/rectangular)	(h) Height, m (above ground level)
105	MS	Round	30
(i) Diameter/Size, in meters	(j) Gas quantity, Nm³/hr.	(k) Gas temperature °C	(l) Exit gas velocity, m/sec.
0.4	421.80	430.25	5.3
(m) Control equipment preceding the stack	(n) Nature of pollutants likely to present in stack gases such as Cl₂, Nox, Sox TPM etc.	(o) Emissions control system provided	(p) In case of D.G. Set power generation capacity in KVA
Stack	SPM, SO ₂	Stack	NA

(a) Stack number(s)	(b) Stack attached to	(c) Capacity	(d) Fuel Type
S -2	DG Stack (Existing)	625 KVA	Diesel
(e) Fuel quantity (Kg/hr.)	(f) Material of construction	(g) Shape (round/rectangular)	(h) Height, m (above ground level)
104	MS	Round	10
(i) Diameter/Size, in meters	(j) Gas quantity, Nm³/hr.	(k) Gas temperature °C	(l) Exit gas velocity, m/sec.
0.2	396.30	391	4.6
(m) Control equipment preceding the stack	(n) Nature of pollutants likely to present in stack gases such as Cl₂, Nox, Sox TPM etc.	(o) Emissions control system provided	(p) In case of D.G. Set power generation capacity in KVA
Stack	SPM, SO ₂	Stack	625

(a) Stack number(s)	(b) Stack attached to	(c) Capacity	(d) Fuel Type
S -3	Process Stack 1 (MF 1 Plant) (Existing)	0	NA
(e) Fuel quantity (Kg/hr.)	(f) Material of construction	(g) Shape (round/rectangular)	(h) Height, m (above ground level)
0	PP-FRP	Round	10
(i) Diameter/Size, in meters	(j) Gas quantity, Nm³/hr.	(k) Gas temperature °C	(l) Exit gas velocity, m/sec.
0.2	0	0	0
(m) Control equipment preceding the stack	(n) Nature of pollutants likely to present in stack gases such as Cl₂, Nox, Sox TPM etc.	(o) Emissions control system provided	(p) In case of D.G. Set power generation capacity in KVA

HCL Scrubber	HCL Mist	HCL Scrubber	0
(a) Stack number(s) S - 4	(b) Stack attached to Process Stack 2 (MF 2 Plant) (Existing)	(c) Capacity 0	(d) Fuel Type NA
(e) Fuel quantity (Kg/hr.) 0	(f) Material of construction PP-FRP	(g) Shape (round/rectangular) Round	(h) Height, m (above ground level) 15
(i) Diameter/Size, in meters 0.2	(j) Gas quantity, Nm³/hr. 0	(k) Gas temperature °C 0	(l) Exit gas velocity, m/sec. 0
(m) Control equipment preceding the stack	(n) Nature of pollutants likely to present in stack gases such as Cl₂, Nox, Sox TPM etc.	(o) Emissions control system provided	(p) In case of D.G. Set power generation capacity in KVA
H2S Scrubber	H2S	H2S Scrubber	0
(a) Stack number(s) S - 5	(b) Stack attached to Process Stack 3 (MF 3 Plant) (Existing)	(c) Capacity 0	(d) Fuel Type NA
(e) Fuel quantity (Kg/hr.) 0	(f) Material of construction PP-FRP	(g) Shape (round/rectangular) Round	(h) Height, m (above ground level) 15
(i) Diameter/Size, in meters 0.2	(j) Gas quantity, Nm³/hr. 0	(k) Gas temperature °C 0	(l) Exit gas velocity, m/sec. 0
(m) Control equipment preceding the stack	(n) Nature of pollutants likely to present in stack gases such as Cl₂, Nox, Sox TPM etc.	(o) Emissions control system provided	(p) In case of D.G. Set power generation capacity in KVA
HCL Scrubber	HCL Mist	HCL Scrubber	0
(a) Stack number(s) S - 6	(b) Stack attached to Process Stack 4 (MF 3 Plant) (Existing)	(c) Capacity 0	(d) Fuel Type NA
(e) Fuel quantity (Kg/hr.) 0	(f) Material of construction PP-FRP	(g) Shape (round/rectangular) Round	(h) Height, m (above ground level) 15
(i) Diameter/Size, in meters 0.2	(j) Gas quantity, Nm³/hr. 0	(k) Gas temperature °C 0	(l) Exit gas velocity, m/sec. 0
(m) Control equipment preceding the stack	(n) Nature of pollutants likely to present in stack gases such as Cl₂, Nox, Sox TPM etc.	(o) Emissions control system provided	(p) In case of D.G. Set power generation capacity in KVA
HCL Scrubber	HCL Mist	HCL Scrubber	0
(a) Stack number(s) S - 7	(b) Stack attached to Process Stack 5 (MF 1 Plant) (Existing)	(c) Capacity 0	(d) Fuel Type NA
(e) Fuel quantity (Kg/hr.) 0	(f) Material of construction PP-FRP	(g) Shape (round/rectangular) Round	(h) Height, m (above ground level) 10
(i) Diameter/Size, in meters 0.2	(j) Gas quantity, Nm³/hr. 0	(k) Gas temperature °C 0	(l) Exit gas velocity, m/sec. 0
(m) Control equipment preceding the stack	(n) Nature of pollutants likely to present in stack gases such as Cl₂, Nox, Sox TPM etc.	(o) Emissions control system provided	(p) In case of D.G. Set power generation capacity in KVA

HCL Scrubber	HCL Mist	HCL Scrubber	0
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27. (B) Whether any release of odoriferous compounds such as Mercaptans, Phorate etc. Are coming out from any storages or process house.

NA

28. Do you have adequate facility for collection of samples of emissions in the form of port holes, platform, ladder/etc. As per Central Board Publication "Emission regulations Part-III" (December, 1985)

Port hole	Yes	Details	Are provided
Platform	Yes	Details	Are provided
Ladder	Yes	Details	Are provided

29. Quality of treated flue gas emissions and process emissions. Quantity of treated flue gas emissions and process emissions.

Sr. No	Stack attached to	Parameter	Concentration mg/Nm ³	flow (Nm ³ /hr)
1	Boiler	SPM	12.41	421.80
2	Boiler	SO ₂	2.4	421.80
3	DG Set	SPM	52.30	396.30
4	DG Set	SO ₂	0.30	396.30
5	HCL Scrubber	HCL Mist	4.1	0
6	H ₂ S Scrubber	H ₂ S	3.4	0

(Specify concentration of criteria pollutants and industry/process-specific pollutants stack-wise. Enclose a copy of the latest report of analysis from the laboratory approved by State Board/Central Board/Central Government in the Ministry of Environment & Forests. For proposed unit furnish expected characteristics of the emissions..

Latest air analysis report by MoEFCC approved lab. uploaded

Part - D: Hazardous Waste aspect

30. Information about Hazardous Waste Management as defined in Hazardous Waste (Management & Handling) Rules, 1989 as amended in Jan.,2000. Type/Category of Waste as per

Waste (Annually) Schedule I

Cat No	Type	Qty	UOM
3.3	3.3 Sludge and filters contaminated with oil	3	MT/A
Max	Method of collection	Method of reception	Method of storage
	NA	NA	PVC Bags
Method of transport	Method of treatment	Method of disposal	
By Road	NA	CHWTSDF	

Cat No	Type	Qty	UOM
5.1	5.1 Used or spent oil	1.44	MT/A
Max	Method of collection	Method of reception	Method of storage
	NA	NA	HDPE Drums
Method of transport	Method of treatment	Method of disposal	
By Road	NA	Sale to authorized recyclers / CHWTSDF	

Cat No 20.3	Type 20.3 Distillation residues	Qty 5.4	UOM MT/A
Max	Method of collection NA	Method of reception NA	Method of storage HDPE Drums
Method of transport By Road	Method of treatment NA	Method of disposal CHWTSDF or authorized parties involved in waste mixing & sending it for coprocessing to cement indus	

Cat No 28.1	Type 28.1 Process Residue and wastes	Qty 323	UOM MT/A
Max	Method of collection NA	Method of reception NA	Method of storage MS/HDPE Drums
Method of transport By Road	Method of treatment NA	Method of disposal Sale to authorized recyclers / Authorized parties involved in waste mixing & sending it for coproces	

Cat No 28.2	Type 28.2 Spent catalyst	Qty 1.5	UOM MT/A
Max	Method of collection NA	Method of reception NA	Method of storage HDPE Drums
Method of transport By Road	Method of treatment NA	Method of disposal Regenerated by authorized party	

Cat No 28.3	Type 28.3 Spent carbon	Qty 30	UOM MT/A
Max	Method of collection NA	Method of reception NA	Method of storage PVC Bags
Method of transport By Road	Method of treatment NA	Method of disposal CHWTSDF or authorized parties involved in waste mixing & sending it for coprocessing to cement indus	

Cat No 28.4	Type 28.4 Off specification products	Qty 0.72	UOM MT/A
Max	Method of collection NA	Method of reception NA	Method of storage HDPE Drums
Method of transport By Road	Method of treatment NA	Method of disposal CHWTSDF	

Cat No 28.5	Type 28.5 Date-expired products	Qty 2.88	UOM MT/A
Max	Method of collection NA	Method of reception NA	Method of storage HDPE Drums

Method of transport By Road
Method of treatment NA
Method of disposal CHWTSDF

Cat No 28.6
Type 28.6 Spent solvents
Qty 186.56
UOM MT/A
Max
Method of collection NA
Method of reception NA
Method of storage MS/HDPE Drums

Method of transport By Road
Method of treatment NA
Method of disposal Sale to authorized party/
Recyclers / Re-processor/
CHWTSDF

Cat No 28.6
Type 28.6 Spent solvents
Qty 671 (Mixed Solvent)
UOM MT/A
Max
Method of collection NA
Method of reception NA
Method of storage MS/HDPE Drums

Method of transport By Road
Method of treatment NA
Method of disposal Sale to authorized party/
Recyclers / Re-processor/
CHWTSDF

Cat No 33.1
Type 33.1 Empty
barrels/containers/liners
contaminated with hazardous
chemicals /wastes
Qty 684 (From Haz.Waste - 12 MT/A
+ from Non-Haz.Waste- 672
MT/A)
UOM MT/A
Max
Method of collection NA
Method of reception NA
Method of storage Storage Area

Method of transport By Road
Method of treatment NA
Method of disposal Reuse / Sale to authorized party/
CHWTSDF

Cat No 35.2
Type 35.2 Spent ion exchange resin
containing toxic metals
Qty 0.36
UOM MT/A
Max
Method of collection NA
Method of reception NA
Method of storage HDPE Drums

Method of transport By Road
Method of treatment NA
Method of disposal CHWTSDF

Cat No 35.3
Type 35.3 Chemical sludge from
waste water treatment
Qty 40
UOM MT/A
Max
Method of collection NA
Method of reception NA
Method of storage PVC Bags

Method of transport By Road
Method of treatment NA
Method of disposal CHWTSDF

Cat No 35.4
Type 35.4 Oil and grease skimming
Qty 2
UOM MT/A
Max
Method of collection
Method of reception
Method of storage

Method of transport By Road	NA	Method of treatment NA	NA	HDPE Drums
Method of disposal CHWTSDF				

Cat No Other	Type Other Hazardous Waste	Qty 0.36 (Used Lead Batteries)	UOM MT/A
Max	Method of collection NA	Method of reception NA	Method of storage Storage Area
Method of transport By Road	Method of treatment NA	Method of disposal Returned to battery manufacturer through authorized dealer on buy back procurement	

Cat No Other	Type Other Hazardous Waste	Qty 2.5 (E-Waste)	UOM MT/A
Max	Method of collection NA	Method of reception NA	Method of storage Storage Area
Method of transport By Road	Method of treatment NA	Method of disposal Sale to authorized E-Waste dismantlers / Recyclers	

Cat No Other	Type Other Hazardous Waste	Qty 0.012 (Biomedical Waste - (Category: Yellow & White Translucent) (Proposed)	UOM MT/A
Max	Method of collection NA	Method of reception NA	Method of storage Storage Area
Method of transport By Road	Method of treatment NA	Method of disposal CHBMWTSDF	

Waste (Annually) Schedule II

31. [Details about use of hazardous waste](#)

Name of hazardous waste/Spent chemical	Quantity used/month	Party from whom purchased	Party to whom sold
NA	0	NA	NA

32.

a. Details about technical capability and equipments available with the applicant to handle the Hazardous Waste

NA

b. Characteristics of hazardous waste(s) Specify concentration of relevant pollutants. Enclose a copy of the latest report of analysis from the laboratory approved by State Board/Central Board/Central Govt. in the ministry of Environment & Forests. For proposed units furnish expected characteristics

Latest analysis report by approved MoEFCC Lab. uploaded

33.

Copy of format of manifest/record Keeping practiced by the applicant.

Latest manifest copies are uploaded.

34.

Details of self-monitoring (source and environment system)

NA

35.

Are you using any imported hazardous waste. If yes, give details.

NA

36.

Copy of actual user Registration/certificate obtained from State Pollution Control Board/Ministry of Environment & Forests, Government of India, for use of hazardous waste.

NA

37.

Present treatment of hazardous waste, if any (give type and capacity of treatment units)

NA

38. Quantity of hazardous waste disposal

(i) Within factory

0

(ii) Outside the factory (specify location and enclose copies of agreement.)

0

(iii) Through sale (enclosed documentary proof and copies of agreement.)

0

(iv) Outside state/Union Territory, if yes particulars of (1 & 3) above.

0

(v) Other (Specify)

0

Part - E: Additional information

39.

a. Do you have any proposals to upgrade the present system for treatment and disposal of effluent/emissions and/or hazardous waste.

NA

b. If yes, give the details with time- schedule for the implementation and approximate expenditure to be incurred on it.

NA

40.

Capital and recurring (O & M) expenditure on various aspect of environment protection such as effluent, emission, hazardous waste, solid waste, tree- plantation, monitoring, data acquisition etc. (give figures separately for items implemented/to be implemented).

Rs. 1 Cr/A

41.

To which of the pollution control equipment, separate meters for recording consumption of electric energy are installed ?

All environmental pollution control equipment attached.

42.

Which of the pollution control items are connected to D.G. Set (captive power source) to ensure their running in the event of normal power failure

All environmental pollution control equipment attached.

43. Nature, quantity and method of disposal of non-hazardous solid waste generated separately from the process of manufacture and waste treatment. (Give details of area/capacity available in applicant's land)

Type	Quantity	UOM	Treatment	Disposal	Other Details
Metal Scrap - M.S./ S.S. / G.I. / Aluminium / Brass / Copper, etc.	15	MT/A	NA	Sale to Authorized party	NA
Paper, Wood	6	MT/A	NA	Sale to Authorized party	NA
Plastics material	12	MT/A	NA	Sale to Authorized party	Proposed Quantity
Garbage like Corrugated Boxes, Brooms, Wipers, Floor cleaning mops, Tea cups etc.	36	MT/A	NA	Sale to Authorized party	NA
Canteen Wastes	24	MT/A	NA	Disposal to local body	Proposed Quantity

44. Hazardous Chemicals - Give details of Chemicals and quantities handled and Stored.

(i) Is the unit a Major Accident Hazard unit as per Mfg.Storage Import Hazardous Chemicals Rules ?

NA

(ii) Is the unit an isolated storage as defined under the MSIHC Rules ?

NA

(iii) Indicate status of compliance of Rules 5,7,10,11,12,13 and 18 of the MSIHC Rules.

NA

(iv) Has approval of site been obtained from the concerned authority?

NA

(v) Has the unit prepared an off-site Emergency Plan? Is it updated ?

NA

(vi) Has information on imports of Chemicals been provided to the concerned authority?

NA

(vii) Does the unit possess a policy under the PLI Act?

Yes, copy uploaded

45. Brief details of tree plantation/green belt development within applicant's premises (in hectares)

Open Space Availability	Plantation Done On	Number of Trees Planted
1890 Square meter	680 Square meter(36 %)	3700

46.

Information of schemes for waste Minimization, resource recovery and recycling - implemented and to be implemented, separately.

NA

47.

(a) The applicant shall indicate whether Industry comes under Public Hearing, if so, the relevant documents such as EIA, EMP, Risk Analysis etc. shall be submitted, if so, the relevant documents enclosed shall be indicated accordingly.

NA

(b) Any other additional information that the applicants desires to give

NA

(c) Whether Environmental Statement submitted ? If submitted, give date of submission.

Yes, submitted on Sep.2020

48.

I/We further declare that the information furnished above is correct to the best of my/our knowledge.

49.

I/We hereby submit that in case of any change from what is stated in this application in respect of raw materials, products, process of manufacture and treatment and/or disposal of effluent, emission, hazardous wastes etc. In quality and quantity; a fresh application for Consent/Authorization shall be made and until the grant of fresh Consent/Authorization no change shall be made.

50.

I/We undertake to furnish any other information within one month of its being called by the Board

Yours faithfully

Signature : Vinod S. Narkhede
Name : Vinod S. Narkhede
Designation : AGM-EHS

Additional Information

Air Pollution

Sr No.	Air Pollution Source	Pollutants	APCS Provided	Remark
1	Boiler	SPM, SO2	Stack	Stack report copy uploaded
2	D.G.Set	SPM, SO2	Stack	Stack report copy uploaded
3	HCL Scrubber	HCL Mist	Stack	Stack report copy uploaded
4	H2S Scrubber	H2S	Stack	Stack report copy uploaded

Separate EM Provided	Yes	Other Emission Sources	NA
Measures Proposed	NA	Foul Smell Coming Out	No
Air Sampling Facility Details	Latest Analysis Reports uploaded		

D.G. Set Details

Description	Capacity(KVA)	Remarks
D.G.Set	625	NA

Hazardous Waste Generation

Hazardous Waste	Quantity	UOM	Treatment	Disposal	Other Details
3.3 Sludge and filters contaminated with oil	3	MT/A	NA	CHWTSDF	NA
5.1 Used or spent oil	1.44	MT/A	NA	Sale to authorized recyclers / CHWTSDF	NA
20.3 Distillation residues	5.4	MT/A	NA	CHWTSDF or authorized parties involved in waste mixing & sending it for coprocessing to cement indus	NA

28.1 Process Residue and wastes	323	MT/A	NA	Sale to authorized recyclers / Authorized parties involved in waste mixing & sending it for coproces	NA
28.2 Spent catalyst	1.5	MT/A	NA	Regenerated by authorized party	NA
28.3 Spent carbon	30	MT/A	NA	CHWTSDF or authorized parties involved in waste mixing & sending it for coprocessing to cement indus	NA
28.4 Off specification products	0.72	MT/A	NA	CHWTSDF	NA
28.5 Date-expired products	2.88	MT/A	NA	CHWTSDF	NA
28.6 Spent solvents	186.56	MT/A	NA	Sale to authorized party/ Recyclers / Re-processor/ CHWTSDF	NA
28.6 Spent solvents	671	MT/A	NA	Sale to authorized party/ Recyclers / Re-processor/ CHWTSDF	Mixed Solvent
33.1 Empty barrels/containers/liners contaminated with hazardous chemicals /wastes	684	MT/A	NA	Reuse / Sale to authorized party/ CHWTSDF	(Non Hazardous Qty. 672 + Haz. Waste Qty.12 MT/A)
35.2 Spent ion exchange resin containing toxic metals	0.36	MT/A	NA	CHWTSDF	NA
35.3 Chemical sludge from waste water treatment	40	MT/A	NA	CHWTSDF	NA
35.4 Oil and grease skimming	2	MT/A	NA	CHWTSDF	NA
Other Hazardous Waste	0.36	MT/A	NA	Returned to battery manufacturer through authorized dealer on buy back procurement	Used Lead Batteries
Other Hazardous Waste	2.5	MT/A	NA	Sale to authorized E-Waste dismantlers / Recyclers	E-Waste
Other Hazardous Waste	0.012	MT/A	NA	CHBMWTSDF	Proposed Bio-Medical Waste (Category: Yellow & White Translucent)

CHWTSDF Details

Member of CHWTSDF	CHWTSDF Name	Remarks
Yes	Mumbai Waste Management Limited (MWML)	Membership copy uploaded

Cess Details

Cess Applicable	Cess Paid	If Yes, UpTo
No	No	Jan 1 1900 12:00:00:000AM

Legal Actions

Legal Action Taken	Legal Record Of Company	Legal Action Details	Remarks
No			