

**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"> <li>● PP has maintained Sodium Borohydrate inventory level equal to its annual consumption, i.e. 2 KG/Annum.</li> <li>● Plan to rationalize the inventory along with its justification for the Inventory of Sodium Borohydrate is attached as <b>Annexure No.-III.</b></li> </ul>
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	<b>Statutory compliance:</b>	
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"> <li>● Not Applicable. The project is in the notified industrial area. No forest land involved.</li> </ul>
ii	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	<ul style="list-style-type: none"> <li>● Not Applicable.</li> </ul>
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"> <li>● Not Applicable. As schedule-1 species was not observed in the study area.</li> </ul>
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"> <li>● Project Proponent has obtained the Consent to operate (CTO). The copy of CTO is attached as an <b>Annexure No.-II.</b></li> </ul>

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"> <li>• Project Proponent has obtained the authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time as per <b>Annexure No.-II.</b></li> <li>• Membership certificate of CHWTSDF is attached as an <b>Annexure No.-IV.</b></li> </ul>
vi	The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989	<ul style="list-style-type: none"> <li>• Not applicable. The company is not falling under the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 because the production is very low. All Hazardous chemicals are transported as per the Motor Vehicle Act (MVA), 1989.</li> </ul>
II	<b>Air quality monitoring and preservation</b>	
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"> <li>• 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)</li> </ul>
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"> <li>• Fugitive emissions (Work place monitoring) in the plant premises are being done once in three months through labs recognized under Environment (Protection) Act, 1986. <b>Refer Annexure No.-V.</b></li> </ul>
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 <sub>10</sub> and PM <sub>2.5</sub> in reference to PM emission, and SO <sub>2</sub> and NO <sub>x</sub> in reference to SO, and NO <sub>x</sub> 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"> <li>• Ambient Air quality monitoring is being carried out once in three months as per specified conditions. <b>Refer Annexure No.-VI.</b></li> </ul>
iv	To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS.	<ul style="list-style-type: none"> <li>• 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</li> </ul>

	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.	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"> <li>Raw materials are stored in enclosed areas as per GMP guidelines &amp; maintained adequate ventilation through Air Handling Units to prevent dust pollution and other fugitive emissions.</li> </ul>
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"> <li>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.</li> </ul>
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"> <li>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.</li> </ul>
<b>III</b>	<b>Water quality monitoring and preservation</b>	
i	The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises (applicable in case of the projects achieving ZLD)	<ul style="list-style-type: none"> <li>The project proponent has provided online continuous effluent monitoring system along with Ultrasonic Digital Flow meters at "V notch" and the treated effluent is being discharged to CETP.</li> </ul>
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"> <li>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 <b>Annexure No.-VII.</b></li> </ul>
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"> <li>The effluent discharge is conforming to the standards prescribed by the State Pollution Control Board while granting Consent under the Air/Water Act. <b>Refer Annexure No.-VIII.</b></li> </ul>
iv	Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the	<ul style="list-style-type: none"> <li>Total existing fresh water requirement is within limits and no additional water quantities will require. Water permission letter is attached as an <b>Annexure No.-IX.</b></li> </ul>

	concerned regulatory authority/CGWA in this regard.	
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"> <li>● To avoid mixing of wastewater with storm water it is being handled through closed pipelines from the source of generation to ETP.</li> <li>● Separate storm water drains are provided.</li> </ul>
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"> <li>● Rain water harvesting system is provided at site, the harvested water is being used for toilet-urinal flushing and for cooling tower make-up.</li> <li>● The harvested rain water 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.</li> </ul>
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"> <li>● DG set is equipped with proper pollution control devices and adequate stack height is provided as per the given guidelines.</li> </ul>
<b>IV</b>	<b>Noise monitoring and prevention</b>	
i	Acoustic enclosure shall be provided to DG set for controlling the noise pollution.	<ul style="list-style-type: none"> <li>● 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.</li> </ul>
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"> <li>● Noise control measures at the source of generation are taken within factory premises and the ambient noise levels are checked on periodical basis.</li> </ul>
iii	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time	<ul style="list-style-type: none"> <li>● The Ambient Noise level in the study area is within stipulated standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time prescribed by CPCB for industrial sector. <b>Refer Annexure No.-X.</b></li> </ul>
<b>V</b>	<b>Energy Conservation measures</b>	
i	The energy sources for lighting purposes shall preferably be LED based.	<ul style="list-style-type: none"> <li>● As energy conservation measures, PP has provided LED for lighting purposes.</li> </ul>
<b>VI</b>	<b>Waste management</b>	
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	<ul style="list-style-type: none"> <li>● Hazardous chemicals are stored in safe manner as per recommendation of MSDS.</li> <li>● Also, flame arresters are provided on bulk storage tanks. The solvent is being</li> </ul>

	pumps.	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"> <li>Organic residue, spent carbon, ETP sludge are being disposed to CHWTSDF periodically as per Hazardous and other Waste Management Rules, 2016.</li> </ul>
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"> <li>Batch wise measured quantities of active ingredients and raw materials being issued to manufacturing dept. for control of quantities to minimize waste.</li> </ul>
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"> <li>By-products are being sold to SPCB authorized vendor as the same is not meeting quality specifications for re-use.</li> </ul>
c	Use of automated filling to minimize spillage.	<ul style="list-style-type: none"> <li>For accidental spillage control, spill kits are provided to absorbed with Boric Acid / Soda ash and moped clean.</li> </ul>
d	Use of Close Feed system into batch reactors.	<ul style="list-style-type: none"> <li>For liquid charging, closed feed system is provided to all batch reactors and to control fugitive emissions.</li> </ul>
e	Venting equipment through vapour recovery system.	<ul style="list-style-type: none"> <li>For equipment venting, wet gas scrubbers are provided, and process stack of the scrubber is periodically being monitored.</li> </ul>
f	Use of high-pressure hoses for equipment clearing to reduce wastewater generation	<ul style="list-style-type: none"> <li>The Project Proponent is already using high pressure water jet systems for equipment clearing to reduce wastewater generation.</li> </ul>
VII	<b>Green Belt</b>	
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 road sides 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"> <li>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 in consultation with the State Forest Department.</li> </ul>
VIII	<b>Safety, Public hearing and Human health issues</b>	
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"> <li>Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan is implemented.</li> </ul>
ii	The unit shall make the arrangement for protection of possible fire hazards during	<ul style="list-style-type: none"> <li>The unit has made necessary arrangements for protection of possible</li> </ul>

	manufacturing process in material handling. Firefighting system shall be as per the norms.	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"> <li>All PPEs are being provided to workmen as per the hazards involved in the job. The records is being maintained.</li> </ul>
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"> <li>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.</li> <li>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.</li> </ul>
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"> <li>Not applicable. There is no expansion or new project over the site.</li> </ul>
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"> <li>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.</li> </ul>
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"> <li>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.</li> </ul>
<b>IX</b>	<b>IX. Corporate Environment Responsibility</b>	
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 <sup>st</sup> May 2018, as applicable, regarding Corporate Environment Responsibility.	<ul style="list-style-type: none"> <li>The project proponent will comply with the provisions of Ministry's OM vide F.No. 22-65/2017-IA.III dated 1<sup>st</sup> May 2018, as applicable, regarding Corporate Environment Responsibility.</li> </ul>
ii	The company shall have a well laid down environmental policy duly approved 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	<ul style="list-style-type: none"> <li>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.</li> <li>Regular environmental checks w.r.t.</li> </ul>

	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.	consent to operate conditions being done. <ul style="list-style-type: none"> <li>• Environmental Policy as per attached <b>Annexure No.-XI.</b></li> </ul>
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"> <li>• 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.</li> </ul>
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"> <li>• 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.</li> <li>• Acknowledged copy of application of action plan for implementing EMP and environmental conditions of the company is prepared &amp; attached as <b>Annexure No.-XII.</b></li> </ul>
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"> <li>• Self-environmental audit will be conducted annually. Every three years third party environmental audit will be carried out.</li> </ul>
X	<b>Miscellaneous</b>	
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"> <li>• 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.</li> <li>• Advertisement in Marathi &amp; English is</li> </ul>

		attached as <b>Annexure No.-I.</b>
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"> <li>● Not Applicable, as there is no expansion of the project. EC obtained for obtaining change in product mix within existing quantities.</li> </ul>
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"> <li>● 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.</li> </ul>
iv	The project proponent shall monitor the criteria pollutants level namely; PM <sub>10</sub> , SO <sub>2</sub> , NO <sub>x</sub> (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"> <li>● The project proponent is monitoring the criteria pollutants level namely; PM<sub>10</sub>, SO<sub>x</sub>, NO<sub>x</sub> (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.</li> </ul>
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"> <li>● 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</li> </ul>
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"> <li>● 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.</li> </ul>
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"> <li>● The project proponent is not expanding the project &amp; will operate in existing facility with change in product mix on getting CTO.</li> </ul>
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"> <li>● The project authorities is strictly adhering to the stipulations made by the State Pollution Control Board and the State Government.</li> </ul>
ix	The project proponent shall abide by all	<ul style="list-style-type: none"> <li>● The project proponent will abide by all</li> </ul>




	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.	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"> <li>• 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&amp;CC).</li> </ul>
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"> <li>• Agreed</li> </ul>
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"> <li>• Agreed</li> </ul>
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"> <li>• Yes. If such conditions imposed.</li> </ul>
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"> <li>• Agreed</li> </ul>
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 India / High Courts and any other Court of Law relating to the subject matter.	<ul style="list-style-type: none"> <li>• Agreed.</li> </ul>
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.	<ul style="list-style-type: none"> <li>• Ok.</li> </ul>
<b>General Conditions</b>		

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"> <li>• 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.</li> </ul>
ii	No additional land shall be used /acquired for any activity of the project without obtaining proper Permission.	<ul style="list-style-type: none"> <li>• No additional land will be acquired for any activity of the project without obtaining proper Permission.</li> </ul>
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"> <li>• All the health &amp; safety precautions are being taken and proper training is given to the workers.</li> </ul>
iv	Proper Housekeeping programmers shall be implemented.	<ul style="list-style-type: none"> <li>• Housekeeping is maintained within premises to give aesthetic look and to boost morale of the people</li> </ul>
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"> <li>• 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.</li> </ul>
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"> <li>• Adequate stack height i.e. 10m is provided for control and dispersion of pollutants from existing DG set.</li> </ul>
vii	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.	<ul style="list-style-type: none"> <li>• Rain water harvesting system is provided at site, the harvested water is being used for toilet-urinal flushing and for cooling tower make-up.</li> <li>• The harvested rain water 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.</li> </ul>
viii	Arrangement shall be made that effluent and storm water does not get mixed.	<ul style="list-style-type: none"> <li>• To avoid mixing of wastewater with storm water it is being handled through closed pipelines from the source of generation to ETP.</li> <li>• Separate storm water drains are provided.</li> </ul>
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"> <li>• 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.</li> </ul>
x	Noise level shall be maintained as per	<ul style="list-style-type: none"> <li>• Noise levels are being maintained by</li> </ul>

	standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.	carrying out (a) periodical preventive maintenance of equipment and machineries, (b) providing vibration absorption pads, (c) providing proper lubrications, and by (d) providing required ear muffs/ear plugs for protection of hearing.
xi	The overall noise levels in and around the plant are 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 confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.	<ul style="list-style-type: none"> <li>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.</li> <li>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. <b>Refer Annexure No.-XIII.</b></li> </ul>
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"> <li>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.</li> </ul>
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"> <li>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.</li> </ul>
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"> <li>The Project Proponent carries out medical examination of all staff, workers &amp; contract people. Frequency is Yearly, Half yearly &amp; Quarterly. Form 7 under Factories act indicates summary of fitness of the people.</li> </ul>
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"> <li>All necessary safety facilities are provided to carry out various operational activities in safe manner. <b>Earthing-Bonding</b> are provided as an effective measure for prevention of accumulation of static charges.</li> </ul>
		<ul style="list-style-type: none"> <li>Demonstration shown at their workplace regarding "Effective use of earthing-bonding" during handling &amp; use of highly flammable liquids.</li> </ul>
		<ul style="list-style-type: none"> <li>Provided adequate fixed type and portable type firefighting arrangement</li> </ul>
		<ul style="list-style-type: none"> <li>Provided flameproof electrical fittings</li> </ul>

		wherein highly flammable liquids are used, handled, or stored
		<ul style="list-style-type: none"> <li>• Provided Nitrogen gas arrangement for purging &amp; blanketing where highly flammable liquids are used &amp; handled.</li> </ul>
		<ul style="list-style-type: none"> <li>• Provided smoking booth to prohibit smoking in hazardous areas, and displayed signage at conspicuous places;</li> </ul>
		<ul style="list-style-type: none"> <li>• Employees have been trained for: (a) Hazardous properties of flammables, (b) Static Electricity Hazards &amp; their controls; (c) Firefighting with demonstration; etc.</li> </ul>
		<ul style="list-style-type: none"> <li>• Round the clock Safety vigilance round to keep watch on potential unsafe acts</li> </ul>
		<ul style="list-style-type: none"> <li>• Prepared "On Site Emergency Control Plan" &amp; submitted to DISH office</li> </ul>
		<ul style="list-style-type: none"> <li>• Conducting Mock Drills to implement On Site Emergency Control Plan and rehearse it unforeseen emergencies</li> </ul>
		<ul style="list-style-type: none"> <li>• 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</li> </ul>
		<ul style="list-style-type: none"> <li>• Provided all necessary Personal Protective Equipment to the employees to use while on job.</li> </ul>
xvi	The project authorities must strictly comply 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.	<ul style="list-style-type: none"> <li>• The Project Proponent has valid authorization from 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.</li> </ul>
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"> <li>• 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.</li> </ul>
xviii	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"> <li>• 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.</li> </ul>
xix	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These 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	<ul style="list-style-type: none"> <li>• Separate funds are allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost are 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</li> </ul>

	expenditure should reported to the MPCB & this department	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 Websit at <a href="http://ec.maharashtra.gov.in">http://ec.maharashtra.gov.in</a>	<ul style="list-style-type: none"> <li>• Advertisement in English newspaper "Afternoon", and Marathi newspaper "Pudhari" given &amp; the same was published on 01.11.2018, i.e., within seven days from date of issue of EC.</li> <li>• Advertisement attached as <b>Annexure No.-I.</b></li> </ul> 
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"> <li>• The Project Proponent is submitting half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard &amp; soft copies to the MPCB &amp; this department.</li> </ul>
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"> <li>• 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.</li> <li>• EC letter is put on the website of the Company.</li> </ul>
xxiii	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, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO <sub>2</sub> , NO <sub>x</sub> (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.	<ul style="list-style-type: none"> <li>• 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.</li> <li>• The pollutant levels namely; SPM, RSPM. SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) is being monitored and displayed at a entrance (the main gate) of the company.</li> </ul>
Xxiv	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.	<ul style="list-style-type: none"> <li>• 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.</li> </ul>
xxv	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	<ul style="list-style-type: none"> <li>• 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</li> </ul>

	<p>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>	<p>Environment (Protection) Rules, 1986, as amended subsequently.</p> <ul style="list-style-type: none"><li>• Environment Statement in Form V will be put on the Company website and sent to Regional Office of MoEF by e-mail.</li><li>• Status of compliance of EC conditions will be put on the Company website and sent to Regional Office of MoEF by e-mail.</li></ul>
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## **ANNEXURE – I**

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

अंबाबाई मंदिरात मगारी पुजारी दिवाळीनंतर

वसुधैव कुटुम्बकम् अशी ही संकल्पना आहे. पुढारी पुजारी यांच्यातही अशाच भावाभावना आहेत. पुढारी पुजारी यांच्यातही अशाच भावाभावना आहेत. पुढारी पुजारी यांच्यातही अशाच भावाभावना आहेत.



पुढारी पुजारी यांच्यातही अशाच भावाभावना आहेत. पुढारी पुजारी यांच्यातही अशाच भावाभावना आहेत.

**राज्य सरकारचे अर्थसंचालक**  
**पदा उद्घोषणा विभाग**

विभाग प्रमुख: डॉ. राजेश कुमार शर्मा, आय. ए. सी. आय. सी. आय. सी.

क्र. सं.	नाम	पदा
१.	डॉ. राजेश कुमार शर्मा	विभाग प्रमुख
२.	डॉ. विवेक कुमार शर्मा	उपविभाग प्रमुख

१० ऑक्टोबर २०१८ रोजी उद्घोषणा होईल. यावेळी उपस्थित राहणे आवश्यक आहे.

# कुरापतखोरांना चोख प्रत्युत्तर

**लोकप्रमुख रावत यांचा सन्वद इशारा**

महाराष्ट्र ही सौभाग्यीय राज्याची नावाची मान्यता आहे. या राज्यात अनेक लोकप्रमुख नेते रावत यांच्यातूनच निघून आले. त्यांच्यातूनच महाराष्ट्राला आपला स्वतःचा स्वभाव मिळाला. त्यांच्यातूनच महाराष्ट्राला आपला स्वतःचा स्वभाव मिळाला.

महाराष्ट्र ही सौभाग्यीय राज्याची नावाची मान्यता आहे. या राज्यात अनेक लोकप्रमुख नेते रावत यांच्यातूनच निघून आले. त्यांच्यातूनच महाराष्ट्राला आपला स्वतःचा स्वभाव मिळाला.

महाराष्ट्र ही सौभाग्यीय राज्याची नावाची मान्यता आहे. या राज्यात अनेक लोकप्रमुख नेते रावत यांच्यातूनच निघून आले. त्यांच्यातूनच महाराष्ट्राला आपला स्वतःचा स्वभाव मिळाला.

**राफेलची किंमत**

राफेलची किंमत किती आहे, हे सध्याचे सरकार सांगत नाही. पण राफेलची किंमत किती आहे, हे सध्याचे सरकार सांगत नाही.

## अयोध्येत मंदिरासाठी करा भूसंपादन!

अयोध्येत मंदिरासाठी करा भूसंपादन! अयोध्येत मंदिरासाठी करा भूसंपादन!

अयोध्येत मंदिरासाठी करा भूसंपादन! अयोध्येत मंदिरासाठी करा भूसंपादन!

अयोध्येत मंदिरासाठी करा भूसंपादन! अयोध्येत मंदिरासाठी करा भूसंपादन!

**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, पावने, 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.





## **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>



Kalpataru 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 1.0/ BO/CAC-Cell/UAN No. 0000067989/3<sup>rd</sup>CAC- 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 1.0/BO/CAC-Cell/UAN No. 0000000601/3<sup>rd</sup>CAC-9964-A dated 12/04/2017 valid up to 30/04/2021.  
2. Environmental Clearance granted vide SEIAA-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 26 of the Water (Prevention & Control of Pollution) Act, 1974; under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, & III 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 MT/A
1	Anti-Psychotic	
	Haloperidol etc.	
	Haloperidol Decanoate etc.	9.3
	Risperidone etc.	
2	Anti-Arrhythmic Class I	
	Disopyramide Phosphate etc.	0.3
3	Anti-Diarrhoeal	
	Diphenoxylate HCL etc.	7.2
4	Immunosuppressant	
	Azathioprine etc.	
	Mycophenolate Mofetil etc.	16.8
	Mycophenolate Sodium etc.	
5	Collinergic Blockers	
	Propantheline Bromide etc.	1.5
6	Anthelmentic	
	Quinfamide etc.	8.4
7	Anti-Thrombotic / Anti-Platelet	
	Ticlopidine HCL etc.	1.8

Sr. No.	Product Name	Maximum Quantity in MT/A
8	<b>Anti Convusant</b>	
	Lamotrigine etc.	7.2
9	<b>Anti-Ulcerant</b>	
	Pantaprazole Sodium etc. Pantaprazole Sequehydrate etc.	9.6
10	<b>Anti-Depressant</b>	
	Sertraline HCL etc.	6.0
11	<b>Anti-Anginal</b>	
	Nicorandil etc.	1.8
12	<b>Anti-Hypertensive</b>	
	Tolvaptan etc.	0.36
	Benidipine HCl etc.	
Solifenacin etc.		
13	<b>Anti-Hyper parathyroid</b>	
	Cinacalcet HCL etc.	0.3
	<b>Total</b>	<b>70.56</b>

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 MT/A	--	Sale to authorized party
2	Discarded container, Detoxicated containers/ Barrels (MS/HDPE Drums 200 Liter capacity)	684 MT/A	--	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 MT/A	-	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	3.3	3.0 MT/A	--	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/ -CHW TSDF
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-000000471 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 1.0/ BO/CAC-Cell/UAN No. 000000601/3<sup>rd</sup>CAC-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/-	SAA208765790	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)
	<b>I. Compulsory Parameters</b>	<b>Limiting Concentration in mg/l, except for pH</b>
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.
- 2) 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.
- 3) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification 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.
- 4) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 5) The Applicant shall 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 <sub>2</sub> Kg/Day
1	Boiler	Stack	33.3	FO/PNG	105 Kg/Hr & 41.6 SCM/Hr	4.5	226
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 <sup>3</sup> .
SO <sub>2</sub> (Process)	Not to exceed	50 ppm
NO <sub>x</sub>	Not to exceed	50 ppm
HCl/ Acid Mist	Not to exceed	35 mg/Nm <sup>3</sup>
H <sub>2</sub> 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**

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to R/Amendment	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 (M,H& TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous & other Waste (M,H & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30<sup>th</sup> 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](http://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 31<sup>st</sup> 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.

<b>Name of raw material</b>	<b>Used in manufacturing of Product</b>	<b>Required quantity of sodium borohydride, Kg per batch</b>	<b>Batch Size, Kg</b>	<b>No. of Batches per Annum</b>	<b>Total Proposed Production quantity of Tolvaptan T/A</b>	<b>Total Quantity of Sodium Borohydride, T/A</b>
<b>Sodium borohydride</b>	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**

An ISO 9001:2015, ISO 14001 : 2015 & OHSAS 18001 : 2007 Certified Company



bsi.

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

March, 31<sup>st</sup>, 2020

Somnath Malgar  
Head - MWML

Dinkar Athav  
Director

MWML Laboratory is accredited by NABL and Approved by MoEF





**Mumbai Waste Management Ltd.**

Plot No. P-32 & Part, MIDC Talaja, Tal. Panvel,  
Dist. Raigad, Maharashtra 410 208, India  
Phone: 8422877163 / 65 / 7710082401  
Phone: 7304992789 / 90 / 91 / 92 & 93  
Email: mbdmwm@ramky.com  
www.mumbaiwastemanagement.com  
CIN: U90001TG2001PLC037829

25<sup>th</sup> April 2020

**M/s. RPG Life Science Limited,**  
Plot No. Gen - 25, TTC Industrial Area,  
MIDC Pawane, Navi Mumbai - 400 705  
Ph. No: 022- 67955367, 67955344

**Kind Attn: Mr. Vinod S. Narkhede – GM**

**Membership No.: MWML-HzW-TTC-3479**

Dear Sir,

We are pleased to extend your Membership Registration up to 31<sup>st</sup> March' 2021.

Kindly complete all the pending formalities to enable waste collection logistics within this period.

Please do contact us for any further details.

Thanks & Best Regards,  
for **Mumbai Waste Management Ltd.**

  
Kalyan Deshpande  
Marketing Head

Certified by

**bsi**

NABL Certificate No.: TC-7166

ISO 9001:2015 | ISO 14001:2015 | JHQA 18001:2007  
C. No. FS 578487 | C. No. EMS 520497 | C. No. OHS 570509

Corporate Office:

Ramky Enviro Engineers Ltd.  
Ramky Grandiose Floor, 12, 13, Ramky Tower Complex,  
Gachibowli Hyderabad - 500 032.  
Tel.: 040-2301 5000 (40 Lines) • Fax: 040-2330 2353 • Website: www.ramky.com

**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-10/01/2019 -20
M/s. RPG Life Sciences Ltd., Plot No. Gen-25/25A, MIDC TTC, Thane- Belapur Road, Navi Mumbai-400705.	Date of Reporting	15/01/2020

### SAMPLING DETAILS

01) Location of Sampling	MF I Ground Floor
02) Sampling Procedure	IS 5182 (Part 5)
03) Sample Collected By	M/s. Excellent Enviro Laboratory & Research Centre
04) Date of Sampling	06/01/2020
05) Time of Sampling	13:40 PM to 14:40 PM
06) Date of Received in Lab	08/01/2020
07) Analysis Start Date	08/01/2020

### RESULT

Sr. No.	Parameter	UOM	Result	Limits as per Second Schedule of Factories Act.	Standard Method
1	HCL	mg/m <sup>3</sup>	3.1	<7	ID174SG - OSHA
2	Ammonia	mg/m <sup>3</sup>	5.4	<18	PVID 164- OSHA

"The results pertain to tested portion of sample"

Remark: - Ammonia parameter results are within the Factories Act, 1948 Standards.

Prepared By

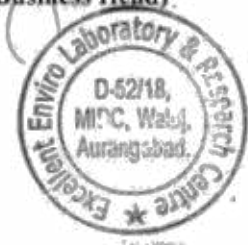
*Pinku Sontakke*  
Ms. Pinku Sontakke  
(Lab Chemist)

Checked By

*Manisha Kale*  
Ms. Manisha Kale  
(Lab Chemist)

Authorized Signatory

*Subhash Mudgadkar*  
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 :

MUMBAI OFFICE  
D-52/18, MIDC Waluj,  
Aurangabad - 431 136.  
Ph. 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  
✆ 09730744665/08668441453

#### 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/](http://www.eelab.in/) [eelab@excellentenviro.com](mailto:eelab@excellentenviro.com)



# Excellent Enviro Laboratory & Research Center

Format No.: EELRC/F/WAR/84

## WORKPLACE MONITORING REPORT

Client's Name & Address	Report No.	EEL/ABD/WP-39/01/2019 -20
M/s. RPG Life Sciences Ltd., Plot No. Gen-25/25A, MIDC TTC, Thane- Belapur Road, Navi Mumbai-400705.	Date of Reporting	15/01/2020

### 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	06/01/2020
05) Time of Sampling	13:40 PM to 14:40 PM
06) Date of Received in Lab	08/01/2020
07) Analysis Start Date	08/01/2020

### RESULT

Sr. No.	Parameter	UOM	Result	Limits as per Second Schedule of Factories Act.	Standard Method
1	HCL	mg/m <sup>3</sup>	2.5	<7	ID174SG - OSHA
2	Ammonia	mg/m <sup>3</sup>	4.1	<18	PVID 164- OSHA

"The results pertain to tested portion of sample"

Remark: - Ammonia parameter results are is within the Factories Act, 1948 Standards.

Prepared By

Ms. Pinku Sontakke  
(Lab Chemist)

Checked By

Ms. Manisha Kale  
(Lab Chemist)

Authorized Signatory

Mr. Subhash Mudgadkar  
(Business Head)



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Pune - 411062  
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#### Accreditation & Approvals

ISO 9001: 2015  
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Website : [www.eelab.in/](http://www.eelab.in/) [eelab@excellentenviro.com](mailto:eelab@excellentenviro.com)

✆ 09767838931/08668441453

## **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-03/01/2019-20
	Date of Reporting 15/01/2020

### 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 <sub>2</sub> :30 ml ×1 no. (Plastic Bottle), NO <sub>2</sub> :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	06/01/2020 to 07/01/2020
07) Time of Sampling & Sampling Duration	10:50 AM of 06/01/2020 to 10:50 AM of 07/01/2020 (24hrs)
08) Date of Received in Lab	09/01/2020
09) Analysis Start Date	09/01/2020
10) Ambient Temperature (Max/Min)	35/24°C
11) Dry Bulb Temperature	33°C
12) Wet Bulb Temperature	31°C
13) Relative Humidity(Max/Min)	58/46%
14) Wind Direction	SSE
15) Instrument Details	Make/Model No. POLLTECH /PRM-DCAF 2.5/10µ
	Serial No. 0418
	Calibration Date Calibration on:23/07/2019, Due On:22/07/2020

### RESULT

Sr. No.	Parameter	UOM	Results	NAAQ Standards	Test Method
1	Particulate Matter PM <sub>10</sub>	µg/m <sup>3</sup>	38.23	≤ 100	US EPA CFR 40 Part 50 Appendix I
2	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	11.12	≤60	US EPA CFR 40 Part 50 Appendix L
3	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	26.45	≤ 80	IS 5182 (Part 2) : 2001
4	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	31.75	≤ 80	IS 5182 (Part 6) : 2006
5	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	< 23.32	≤ 400	CPCB Guideline
6	Carbon Monoxide (CO)	mg/m <sup>3</sup>	0.3	≤ 04	CPCB Guideline
7	Ozone (O <sub>3</sub> )	µg/m <sup>3</sup>	15.21	≤ 180	CPCB Guideline
8	Lead (Pb)	µg/m <sup>3</sup>	< 0.05	≤ 1.0	CPCB Guideline
9	Arsenic (As)	ng/ m <sup>3</sup>	< 0.03	≤06	CPCB Guideline
10	Nickel (Ni)	ng/ m <sup>3</sup>	< 0.07	≤ 20	CPCB Guideline
11	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	< 0.02	≤ 05	IS 5182 (Part II) : 2006
12	Benzo (a) Pyrene	ng/ m <sup>3</sup>	< 0.003	≤ 01	CPCB Guideline
13	Toluene	mg/m <sup>3</sup>	66.31	≤ 375	NIOSH 1500
14	Xylene	mg/m <sup>3</sup>	104.23	≤ 435	NIOSH 1501

UOM – Unit of Measurement, BDL – Below Detectable Limit. "The results pertain to tested portion of sample"

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

Prepared By

Ms. Manisha Kale  
(Lab Chemist)

Checked By

Ms. Pinku Sontakke  
(Lab Chemist)

Authorized Signatory

Mr. Subhash Mungikar  
(Business Head)  
D-52/18,  
MIDC, Waluj,  
Aurangabad.

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NABL & MOEF & CC  
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By Govt. of India

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



# 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-02/01/2019-20	Date of Reporting 15/01/2020
--	---------------------------------------	---------------------------------

### SAMPLING DETAILS

01) Location of Sampling	Pawane Village (Distance from site 0.2Km)	
02) Sampling Procedure	IS 5182 Part 5	
03) Sample Volume	SO <sub>2</sub> :30 ml ×1 no. (Plastic Bottle), NO <sub>2</sub> :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	06/01/2020 to 07/01/2020	
07) Time of Sampling & Sampling Duration	10:40 AM of 06/01/2020 to 10:40 AM of 07/01/2020 (24hrs)	
08) Date of Received in Lab	09/01/2020	
09) Analysis Start Date	09/01/2020	
10) Ambient Temperature (Max/Min)	35/24°C	
11) Dry Bulb Temperature	33°C	
12) Wet Bulb Temperature	31°C	
13) Relative Humidity(Max/Min)	58/46%	
14) Wind Direction	NE	
15) Instrument Details	Make/Model No.	POLLTECH /PRM-DCAF 2.5/10µ
	Serial No.	0418
	Calibration Date	Calibration on:23/07/2019, Due On:22/07/2020

### RESULT

Sr. No.	Parameter	UOM	Results	NAAQ Standards	Test Method
1	Particulate Matter PM <sub>10</sub>	µg/m <sup>3</sup>	37.12	≤ 100	US EPA CFR 40 Part 50 Appendix I
2	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	11.42	≤ 60	US EPA CFR 40 Part 50 Appendix L
3	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	31.45	≤ 80	IS 5182 (Part 2) : 2001
4	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	33.23	≤ 80	IS 5182 (Part 6) : 2006
5	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	< 21.21	≤ 400	CPCB Guideline
6	Carbon Monoxide (CO)	mg/m <sup>3</sup>	0.5	≤ 04	CPCB Guideline
7	Ozone (O <sub>3</sub> )	µg/m <sup>3</sup>	11.23	≤ 180	CPCB Guideline
8	Lead (Pb)	µg/m <sup>3</sup>	< 0.07	≤ 1.0	CPCB Guideline
9	Arsenic (As)	ng/m <sup>3</sup>	< 0.06	≤ 06	CPCB Guideline
10	Nickel (Ni)	ng/m <sup>3</sup>	< 0.05	≤ 20	CPCB Guideline
11	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	< 0.03	≤ 05	IS 5182 (Part II) : 2006
12	Benzo (a) Pyrene	ng/m <sup>3</sup>	< 0.003	≤ 01	CPCB Guideline
13	Toluene	mg/m <sup>3</sup>	64.23	≤ 375	NIOSH 1500
14	Xylene	mg/m <sup>3</sup>	106.45	≤ 435	NIOSH 1501

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

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

Prepared By

Ms. Manisha Kale  
(Lab Chemist)

Checked By

Ms. Pinku Sontakke  
(Lab Chemist)

Authorized Signatory

Mr. Subhan 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.  
Ph. 0240-6641879  
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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



# 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-01/01/2019-20	Date of Reporting 15/01/2020
--	---------------------------------------	---------------------------------

### 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 <sub>2</sub> : 30 ml × 1 no. (Plastic Bottle), NO <sub>2</sub> : 30 ml × 1 no. (Plastic Bottle), PM10: Filter Paper : 1 × 1 no. PM2.5: Filter Paper: 1 × 1 no.
04) Sample Status (Sealed/Unsealed)	Sealed
05) Sample Collected By	M/s. Excellent Enviro Laboratory & Research Centre
06) Date of Sampling	06/01/2020 to 07/01/2020
07) Time of Sampling & Sampling Duration	10:30 AM of 06/01/2020 to 10:30 AM of 07/01/2020 (24hrs)
08) Date of Received in Lab	09/01/2020
09) Analysis Start Date	09/01/2020
10) Ambient Temperature (Max/Min)	35/24°C
11) Dry Bulb Temperature	33°C
12) Wet Bulb Temperature	31°C
13) Relative Humidity (Max/Min)	58/46%
14) Wind Direction	SE
15) Instrument Details	Make/Model No. POLLTECH /PRM-DCAF 2.5/10µ
	Serial No. 0418
	Calibration Date Calibration on: 23/07/2019, Due On: 22/07/2020

### RESULT

Sr. No.	Parameter	UOM	Results	NAAQ Standards	Test Method
1	Particulate Matter PM <sub>10</sub>	µg/m <sup>3</sup>	39.12	≤ 100	US EPA CFR 40 Part 50 Appendix I
2	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	10.54	≤ 60	US EPA CFR 40 Part 50 Appendix L
3	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	29.12	≤ 80	IS 5182 (Part 2) : 2001
4	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	34.22	≤ 80	IS 5182 (Part 6) : 2006
5	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	< 23.12	≤ 400	CPCB Guideline
6	Carbon Monoxide (CO)	mg/m <sup>3</sup>	0.4	≤ 04	CPCB Guideline
7	Ozone (O <sub>3</sub> )	µg/m <sup>3</sup>	11.23	≤ 180	CPCB Guideline
8	Lead (Pb)	µg/m <sup>3</sup>	< 0.06	≤ 1.0	CPCB Guideline
9	Arsenic (As)	ng/m <sup>3</sup>	< 0.05	≤ 06	CPCB Guideline
10	Nickel (Ni)	ng/m <sup>3</sup>	< 0.07	≤ 20	CPCB Guideline
11	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	< 0.04	≤ 05	IS 5182 (Part II) : 2006
12	Benzo (a) Pyrene	ng/m <sup>3</sup>	< 0.002	≤ 01	CPCB Guideline
13	Toluene	mg/m <sup>3</sup>	65.12	≤ 375	NIOSH 1500
14	Xylene	mg/m <sup>3</sup>	105.12	≤ 435	NIOSH 1501

UOM - Unit of Measurement, BDL - Below Detectable Limit., "The results pertain to tested portion of sample"

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

Prepared By

Ms. Manisha Kale  
(Lab Chemist)

Checked By

Ms. Pinku Sontakke  
(Lab Chemist)

Authorized Signatory

Mr. Subhish Mudgalkar  
(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-04/01/2019-20
	Date of Reporting 15/01/2020

### SAMPLING DETAILS

01) Location of Sampling	Near Dryer Annex
02) Sampling Procedure	IS 5182 Part 5
03) Sample Volume	SO <sub>2</sub> : 30 ml × 1 no. (Plastic Bottle), NO <sub>2</sub> : 30 ml × 1 no. (Plastic Bottle), PM10: Filter Paper: 1 × 1 no., PM2.5: Filter Paper: 1 × 1 no.
04) Sample Status (Sealed/Unsealed)	Sealed
05) Sample Collected By	M/s. Excellent Enviro Laboratory & Research Centre
06) Date of Sampling	06/01/2020 to 07/01/2020
07) Time of Sampling & Sampling Duration	11:05 AM of 06/01/2020 to 11:05 AM of 07/01/2020 (24hrs)
08) Date of Received in Lab	09/01/2020
09) Analysis Start Date	09/01/2020
10) Ambient Temperature (Max/Min)	35/24°C
11) Dry Bulb Temperature	33°C
12) Wet Bulb Temperature	31°C
13) Relative Humidity (Max/Min)	58/46%

### RESULT

Sr. No.	Parameter	UOM	Results	NAAQ Standards	Test Method
1	Particulate Matter PM <sub>10</sub>	µg/m <sup>3</sup>	35.25	≤ 100	US EPA CFR 40 Part 50 Appendix I
2	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	10.45	≤ 60	US EPA CFR 40 Part 50 Appendix L
3	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	30.11	≤ 80	IS 5182 (Part 2) : 2001
4	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	33.25	≤ 80	IS 5182 (Part 6) : 2006
5	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	< 21.0	≤ 400	CPCB Guideline
6	Carbon Monoxide (CO)	mg/m <sup>3</sup>	0.6	≤ 04	CPCB Guideline
7	Ozone (O <sub>3</sub> )	µg/m <sup>3</sup>	11.21	≤ 180	CPCB Guideline
8	Lead (Pb)	µg/m <sup>3</sup>	< 0.07	≤ 1.0	CPCB Guideline
9	Arsenic (As)	ng/m <sup>3</sup>	< 0.05	≤ 06	CPCB Guideline
10	Nickel (Ni)	ng/m <sup>3</sup>	< 0.04	≤ 20	CPCB Guideline
11	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	< 0.03	≤ 05	IS 5182 (Part 11) : 2006
12	Benzo (a) Pyrene	ng/m <sup>3</sup>	< 0.001	≤ 01	CPCB Guideline
13	Toluene	mg/m <sup>3</sup>	70.61	≤ 375	NIOSH 1500
14	Xylene	mg/m <sup>3</sup>	115.7	≤ 435	NIOSH 1501

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

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

Prepared By

Ms. Manisha Kale  
(Lab Chemist)

Checked By

Ms. Pinku Sontakke  
(Lab Chemist)

Authorized Signatory

Mr. Subhash Ambekar  
(Business Head)



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No. C-11, Spine Road  
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Pune - 411062  
✆ 09767838931/08668441453



#### Accreditation & Approvals

ISO 9001: 2015  
EMS 14001 : 2015  
OHSAS 45001: 2018  
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Website : [www.eelab.in/](http://www.eelab.in/) [eelab@excellentenviro.com](mailto:eelab@excellentenviro.com)

✆ 09767838931/08668441453

**ANNEXURE – VII**  
**CETP Membership certificate**



# COMMON EFFLUENT TREATMENT PLANT (THANE - BELAPUR) ASSOCIATION

Regd. U/S 25 of companies Act 1956.  
Regd.No. 11-81983 - Date - 12 th Oct. 1994

P- 20, ANAND BHADKAMKAR COMMON FACILITY CENTRE  
M.D.C. Khairang, P.O.K.U. Bazar, Thane Belapur Road, New Bombay 400 705.

## CERTIFICATE OF MEMBERSHIP

This is to certify that  
*M/s Searle India Ltd*

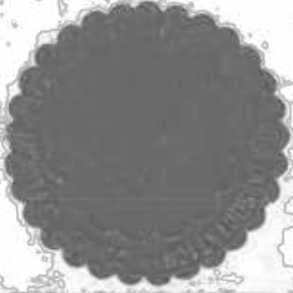
is a bonafide user/ Associate member of Common Effluent Treatment Plant (Thane - Belapur) Association.

Issued under the seal of the Association, at New Mumbai this 28th March 1998

For & on behalf of

Common Effluent Treatment Plant (Thane - Belapur) Association

Chairman



*[Signature]*  
Chairman

## **RPG LIFE SCIENCES LIMITED**

(Formerly Searle India Limited)  
21, M.I.D.C. Lane, Thane - Belapur Road, Navi Mumbai 401301.  
Phone: 2677701-42-43, Fax: 2677640 - 7634932

April 7, 1999

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

**Subject : Change in company name.**

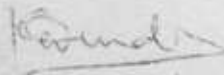
Dear Sir,

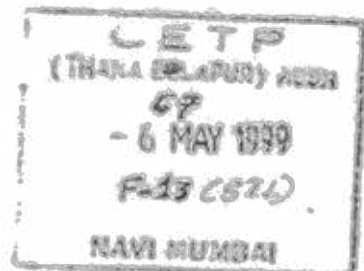
We are pleased to inform you that our company name has been changed from "SEARLE (INDIA) LIMITED to "RPG LIFE SCIENCES LIMITED" with effect from 1st April 1999.

This is for your information & future correspondence with us.

Thanking you,

Yours faithfully,  
For RPG LIFE SCIENCES

  
K D Kudva - Plant Manager



## **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-19/01/2019 -20
M/s. RPG Life Sciences Ltd., Plot No. Gen-25/25A, MIDC TTC, Thane- Belapur Road, Navi Mumbai-400705.	Date of Reporting	23/01/2020

### SAMPLING DETAILS

01) Location of Sampling	ETP Outlet
02) Sampling Procedure	APHA 1060 B 23 <sup>rd</sup> 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	14/01/2020
07) Time of Sampling	13:20 PM
08) Date of Received in Lab	16/01/2020
09) Start of Analysis	16/01/2020
10) Sampling Type	Grab Sampling

### RESULTS

Sr. No.	Parameter	UOM	Result of Sample	MPCB Limits	Testing Method
1	pH	-	7.2	5.5 - 9.0	APHA 4500 - H <sup>+</sup> B
2	Chemical Oxygen Demand (COD)	mg/ltr	176.0	≤ 250	IS 3025 (Part-58):2006
3	Suspended Solids (S.S.)	mg/ltr	44.0	≤ 100	APHA 2540 - D
4	Total Dissolved Solids (TDS)	mg/ltr	276.0	≤ 2100	APHA 2540 - C
5	Oil & Grease	mg/ltr	< 1.0	≤ 10	IS 3025 (Part 39):1991
6	Chloride	mg/ltr	52.0	≤ 600	APHA 4500 -Cl <sup>-</sup> B
7	BOD (3 days @27°C)	mg/ltr	44.0	≤ 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 <sup>2-</sup>
10	Free Ammonia	mg/ltr	0.10	≤ 5	APHA 4500 NH <sub>3</sub> F

### INSTRUMENT DETAILS

Name of Equipment	Sr. No.	Model No.	Make	Calibration Date
pH Meter	08486596	HI	HANNA	Calibration On: 28/01/2019, Due On: 27/01/2020
Weighing Balance	3138284	CX 220	CITIZON	Calibration On: 28/01/2019, Due On: 27/01/2020
BOD Incubator	61231	-	Bio Techno Lab	Calibration On: 28/01/2019, Due On: 27/01/2020
Hot Air Oven	70933	-	BIO-Techniques India	Calibration On: 28/01/2019, Due On: 27/01/2020
COD Digester	-	-	SPECTRALAB	Calibration On: 28/01/2019, Due On: 27/01/2020
UV Spectrophotometer	A11635203 662	-	TOSHYVIN ANALYTICAL	Calibration On: 04/07/2019, Due On: 03/07/2020

UOM - Unit of Measurement

"The results pertain to tested portion of sample"

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

Prepared By

Ms. Manisha Kale  
(Lab Chemist)

Checked By

Ms. Pinku Sontakke  
(Lab Chemist)

Authorized Signatory

Mr. Subhash Mangarkar  
(Business Head)

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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	Report No.	EEL/ABD/WW-177/02/2019 -20
M/s. RPG Life Sciences Ltd., Plot No. Gen-25/25A, MIDC TTC, Thane- Belapur Road, Navi Mumbai-400705.	Date of Reporting	06/02/2020
<b>SAMPLING DETAILS</b>		
01) Location of Sampling	ETP Outlet	
02) Sampling Procedure	APHA 1060 B 23 <sup>rd</sup> 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	03/02/2020	
07) Time of Sampling	11:15 AM	
08) Date of Received in Lab	04/02/2020	
09) Start of Analysis	05/02/2020	
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 <sup>+</sup> B
2	Chemical Oxygen Demand (COD)	mg/ltr	198.0	≤ 250	IS 3025 (Part-58):2006
3	Suspended Solids (S.S.)	mg/ltr	42.0	≤ 100	APHA 2540 - D
4	Total Dissolved Solids (TDS)	mg/ltr	278.0	≤ 2100	APHA 2540 - C
5	Oil & Grease	mg/ltr	< 1.0	≤ 10	IS 3025 (Part 39):1991
6	Chloride	mg/ltr	50.0	≤ 600	APHA 4500 - Cl <sup>-</sup> B
7	BOD (3 days @27°C)	mg/ltr	46.0	≤ 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 <sup>2</sup>
10	Free Ammonia	mg/ltr	0.10	≤ 5	APHA 4500 NH <sub>3</sub> F

### INSTRUMENT DETAILS

Name of Equipment	Sr. No.	Model No.	Make	Calibration Date
pH Meter	08486596	III	HANNA	Calibration On: 26/01/2020, Due On: 25/01/2021
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
Hot Air Oven	7093:	-	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	A11635203 662	-	TOSHVIN ANALYTICAL	Calibration On: 02/07/2020, Due On: 01/07/2021

UOM - Unit of Measurement, < 1 is consider as BDL (Below Detectable Limit)

\*The results pertain to tested portion of sample\*

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

Prepared By

Checked By

Authorized Signatory

Mr. Avinash Deshmukh  
(Lab Chemist)

Ms. Pinku Sontakke  
(Lab Chemist)

Mr. Subhash Modgadkar  
(Business Head)

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# Excellent Enviro Laboratory & Research Center

Format No.:EELRC/F/WAR/84

## WASTE WATER ANALYSIS REPORT

Client's Name & Address	Report No.	EEL/ABD/WW-06/03/2019 -20
M/s. RPG Life Sciences Ltd., Plot No. Gen-25/25A, MIDC TTC, Thane- Belapur Road, Navi Mumbai-400705.	Date of Reporting	13/03/2020

### SAMPLING DETAILS

01) Location of Sampling	ETP Outlet
02) Sampling Procedure	APHA 1060 B 23 <sup>rd</sup> 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	04/03/2020
07) Time of Sampling	12:20 PM
08) Date of Received in Lab	06/03/2020
09) Start of Analysis	06/03/2020
10) Sampling Type	Grab Sampling

### RESULTS

Sr. No.	Parameter	UOM	Result of Sample	MPCB Limits	Testing Method
1	pH	-	7.5	5.5 - 9.6	APHA 4500 - H <sup>+</sup> B
2	Chemical Oxygen Demand (COD)	mg/ltr	212.0	≤ 250	IS 3025 (Part-58):2006
3	Suspended Solids (S.S.)	mg/ltr	48.0	≤ 100	APHA 2540 - D
4	Total Dissolved Solids (TDS)	mg/ltr	296.0	≤ 2100	APHA 2540 - C
5	Oil & Grease	mg/ltr	1.0	≤ 10	IS 3025 (Part 39):1991
6	Chloride	mg/ltr	50.0	≤ 600	APHA 4500 - Cl B
7	BOD (3 days @27°C)	mg/ltr	52.0	≤ 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 <sup>2</sup>
10	Free Ammonia	mg/ltr	0.12	≤ 5	APHA 4500 NH <sub>3</sub> F

### INSTRUMENT DETAILS

Name of Equipment	Sr. No.	Model No.	Make	Calibration Date
pH Meter	08486596	HI	HANNA	Calibration On: 26/01/2020, Due On: 25/01/2021
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
Hot 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	A11635203 662	-	TOSHVIN ANALYTICAL	Calibration On: 02/07/2020, Due On: 01/07/2021

UOM - Unit of Measurement, < 1 is consider as BDL (Below Detectable Limit)

"The results pertain to tested portion of sample"

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

Prepared By

Mr. Avinash Deshmukh  
(Lab Chemist)

Checked By

Ms. Pinku Sontakke  
(Lab Chemist)

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:

MUMBAI OFFICE  
D-52/18, MIDC Waluj,  
Aurangabad - 431 136.  
Ph. 0240-6641879  
✆ 07745069991  
08668441453

PUNE OFFICE  
Dhawalgiri Co-op. Hsg. Society,  
Building No.1, Flat No. B-3,  
Near Peace Park Hotel,  
Thana Naka, Panvel - 410 206  
✆ 09730744665/08668441453

#### 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



**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

OFFICE OF THE  
(A GOVERNMENT OF MAHARASHTRA UNDERTAKING)  
THANE WATER SUPPLY REGULATION 1976  
MAHAGORA/DIST/663

Spl. 45  
31.8.2000  
Adhesives  
STAMP

28/1986  
INDIA  
Special Adhesive stamp of Rs. 20/- shall be affixed from the stamp suppl. office, 6c. Floor, Town Hall Ballard Estate, Bombay or Treasury office.

MIDC Plot No. GEN-25

Phase Pawane

T.T.C. Indl. Area.

1. SHIM/S RPG. Life Sciences Ltd. preamble

2. In these regulation 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. III of 1962)

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 corporation main.

5) Supply pipe shall mean and refer to the pipe which extends from the corporation stopcock or sluice valve upto the ball cock of the storage tank, if any and any consumer's pipe subject to the water pressure from the corporation's main.

6) Distribution pipe shall mean and referred by consumer's pipe which is not subject to water pressure from the corporation main.

7) Corporation stopcock or sluice valve shall mean and refer to the stopcock or the sluice valve 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-III Of 1962) 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 otherwise the consumer shall fill up, sign and deliver in 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 with  
Rubber Stamp

MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION  
THANE WATER SUPPLY REGULATION 1976

7. **Communication pipe to be laid or removed by the Corporation:-** Communication pipes and fittings which include ferrule G.I. pipes & specials fittings, materials for jointing etc. or any other type of fittings & accessories upto ferrule 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 MIDC's authorised representative over & above this the consumer will have to pay the connection attachment fee as per provision in clause 20 This will include cost of labour that has to be incurred by MIDC.
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 ferrule & Communication pipe of the size specified.
9. **Consumer's Fittings Testing and Approval:-** All consumer's fittings of whatever kind shall conform to the particulars prescribed & 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 fitting 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, latrine or urinal unless its erection is approved by the Executive Engineer & unless sufficient short storage is provided.
12. **Material of consumer's pipe :-** All consumer's pipes shall be of lead, galvanised/iron/cast iron brass or copper and shall conform in every respect to the particulars prescribed and specifications as approved by the Executive Engineer. No pipe except such existing pipes as shall be sound and do not permit waste or except when and as otherwise authorised 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 pipe to be as hereafter prescribed.
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 sound and do not permit waste. All connections between lead & iron pipes shall be made with a brass union.
14. **Method of laying consumer's pipe:-** All consumer's pipes shall be laid in the ground & not less than fortyfive centimeters 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 not 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 hereafter laid or fixed inside any building shall be accessible and not embedded in the plaster, stone 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 pipe shall be used for the conveyance of or in connection with water supplied by the corporation which is laid or fixed through, in or into any drain or any place where the water conveyed through such pipe may be liable to become fouled or where pipe become unsound except where such use is unavoidable. In every such unavoidable case, such pipe shall be passed through an exterior air tight and water tight case or jacket of cast iron or other cast

Signature with  
Rubber Stamp

For RPG LIFE SCIENCES LIMITED

*K.D. Kudva*  
K.D. KUDVA  
(Controller-Manufacturing Pharmacy)

Signature  
Rubber

iron or other material approved by the Corporation of sufficient length and strength and of such construction as to afford due to 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 crutch or spindle head of special design to suit a key kept by the Executive Engineer.
17. **Consumer's taps not 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 judgement of the Executive Engineer any such tap either directly or indirectly conduct to or be so used or dealt with as to cause 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 set that the ball will not become submerged when the level of the water in the cistern is below the warning pipe or allow the Water to rise to within 2.5 c.m. of the lower side of the over flow or warning 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 urinals 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.

Nearest Diameter of the Size of connection	Registration Connection Fees
1/2" (15 mm)	Rs. 10.00
3/4" (20 mm)	Rs. 15.00
1" (25 mm)	Rs. 20.00
1 1/2" (40 mm)	Rs. 50.00

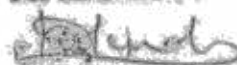
Beyond 1 1/2" or 38 mm Size connection, a separate estimate determining the connection fees will be prepared by the Executive Engineer.

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 reopening 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 MIDC s land

Signature with  
Rubber Stamp

For RPG LIFE SCIENCES LIMITED



K.D. KUDVA

(Controller-Manufacturing Pharmacy)



should be paid by the consumer as under :-

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

- 1) Soil Rs. 5/- per sq.m.
- 2) W.B.M. Surface Rs. 10/- per Sq.m.
- 3) Asphalted surface Rs. 20/- per Sq.m. Including W.B.M.
- 4) Concrete surface Rs. 25/- per Sq.m.

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 before it is fixed to the connection pipe, shall be tested in a testing laboratory approved by the corporation. The 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 stone 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 times the seal is found to be broken the consumer will be charged a penal 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 authorised 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 damage, unrepaired, 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 month's of the meter being not repaired whereafter 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.
25. **Payment of security deposit for water charges :-** The consumer shall deposit with the Ex. Engr. a sum of equivalent to the estimated water charges for the three month's advance as a security deposit against failure of payment of water charges and maintenance of water supply consumed, 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 one quoted at the time of submission of the application.
- 25 (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 RPG LIFE SCIENCES LIMITED

Signature with  
Rubber Stamp

  
K.D. KUDVA  
(Controller-Manufacturing Pharma)

Sig  
Rub

26. (ii) 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 in the water charges bill for the months of March.

Note :- Deposit paid on or before the 5th of a month shall only qualify for payment of interest for the that month in a year.

26. (iii) The maximum amount of deposit will 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.I.D.C. to recover the security deposit in excess of Rs. 5/- lakhs whose the amount of water bills for three months is more than Rs. 5/- 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 alongwith the detachment fee, which should be 50 percent of the fees mentioned in the table under Regulations 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 booked 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 accounts 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 would however make arrangements that the water is delivered at the average ground level of the plot of consumers 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 15 days from the date of its presentation, interest at 17.52% per annum shall be charged to him from the 16th day onwards upto a further period of one month. If the consumer fails to pay the bill along with the interest payable within a grace period of one month stated herein above, water connection shall be severed.

For RPG LIFE SCIENCES LIMITED

Signature with  
Rubber Stamp


  
K.D. KUDVA  
(Controller - Manufacturing Pharma)



37. **Correction of bill :-** If the consumer disputes the contents of the bills he shall first pay the bill under protest and then lodge the complaint. The consumer shall be liable to action under clause 36 above if he refuses to make payment of the bill on grounds of any disputes whatever 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 below.
- 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 MIDC rates. In case the excess continues beyond a period of 30 days from the date noting the first excess, the connection would be served after giving 10 days notice to the consumer.
- Note :- 1) Although the quota fixed will be for quantity per day, the counting period will be month of billing on which the average quantity per day consumed during the billed months should not exceed the quota fixed.
- b) In case when meters are lost, damage removed or out of order, the gap will be settled according to regulation 24 and the penalty will be charged for the excess consumption.
- c) In case of fire in a industry, 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 unmetered water supply continues beyond six months.
- c) In case of consumption of water supply in excess of fixed limits (Regulation 39)
- d) If any leakages 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 authorised agents of the Corporation to enter on premises for purpose of inspection of water supply.

For RPG LIFE SCIENCES LIMITED

Signature with  
Rubber Stamp

  
R.D. KUDVA  
(Controller-Manufacturing Pharma)



- g) If the consumer fails to provide suitable arrangement to the satisfaction of the Executive Engineer for the proper disposal of waste water which is likely to cause insanitary and injurious conditions.
- h) If it is noticed that attempt has been made to temper with the meter or the supply connection.
- i) In case of breach of any of the rules contained herein.

- 41. Case of marginal adjustments in these regulations, involving an amount upto Rs.100/- per consumer may be determined at the direction of the Executive Engineer. Such cases involving an amount upto Rs. 1000 per consumer may be determined at the discretion of the Superintending Engineer.
- 42. For disputes arising out of the interpretation or otherwise of these regulations the decision of the Chief Engineer, MIDC 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.

For RPG LIFE SCIENCES LIMITED  
 Signature of  
 K.D. KUDY with Rubber  
 (Controller Manufacturing Pharma)

Seal of Company/ Registered Address

Stamp

Connection of size 100 mm dia by providing 100 mm dia water meter sanctioned subject to Regulations and provisions there in all respects.

This agreement signed, accepted and sealed in my presence on this day 5th of September 2000

*[Signature]*  
 P. A. I. Executive Engineer  
 M.I.D.C. Division No. II, Thane.



*[Signature]*  
 Executive Engineer  
 M.I.D.C. Division

*[Handwritten mark]*

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.

Sfri-----  
of M/s.-----Bearing  
Licence 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 ----- on plot No. ----- Road No. -----  
Phase ----- in MIDC ----- 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 alterations to the above mentioned supply which construction/process may desire to take the quantity of water likely to be used per day would be C.U.M. at initial stage and ----- C.U.M. on later stage. -----

I/We have carefully read and understood the water supply regulations 1973 and agreed to abide by the provisions made therein and amendments, carried out in the Regulations from the 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,**  
**NAVI MUMBAI - 400 705**

Seal of Company / Registered Address

**For RPG LIFE SCIENCES LIMITED**

*[Handwritten Signature]*  
Signature of

Applicant with Rubber Stamp  
(Controller-Manufacturing Pharma)

Signature of licenced plumber  
with Rubber Stamp with licence 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	Report No.	EEL/ABD/N-05 to N-09/01/2019 -20
M/s. RPG Life Sciences Ltd., Plot No. Gen-25/25A, MIDC TTC, Thane- Belapur Road, Navi Mumbai-400 705.	Date of Reporting	15/01/2020

### 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	06/01/2020 to 07/01/2020
05) Time of Sampling & Sampling Duration	11:30 AM of 06/01/2020 to 11:30 AM of 07/01/2020 = 24 hrs

### 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)	65.20	59.74	During Day time=75 dB(A) During Night Time= 70dB(A) dB(A)
2	Near Store Bay	N-06	dB(A)	63.22	56.78	
3	Near Solvent Yard	N-07	dB(A)	60.01	52.99	
4	Behind MF 2/3 Plant	N-08	dB(A)	67.69	58.54	
5	Near Canteen	N-09	dB(A)	63.54	53.48	

Average Readings (Readings taken every one hour, Total 24 Readings)

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

Prepared By

Ms. Manisha Kale  
(Lab Chemist)

Checked By

Ms. Pinku Sontakke  
(Lab Chemist)

Authorized Signatory

Mr. Subhaskar Madhokar  
(Business Head)  
D-52/18,  
MIDC, Waluj,  
Aurangabad.

### 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,  
Ph. 0240-6641879  
\* 07745069991  
08668441453

#### MUMBAI OFFICE

Dhawalgiri Co-op. Hsg. Society,  
Building No.1, Flat No. B-3,  
Near Peace Park Hotel,  
Thane Naka, Panvel - 410 206  
\* 09730744665/08668441453

#### 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/](http://www.eelab.in/) [eelab@excellentenviro.com](mailto:eelab@excellentenviro.com)

\* 09767838931/08668441453

## **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.

10<sup>th</sup> October 2018



  
Yugal Sikri  
Occupier

## पर्यावरण, आरोग्य आणि सुरक्षा धोरण (ईएचएस) पॉलीसी

आम्ही, आर.पी.सी. लाईफ सायन्सेस लिमिटेड, सक्रिय जीवटी घटक, जवळच्या जीवटी सावा यांचा विकसित, उत्पादन व त्यांचा पुरवठा करणाऱ्या व्यवसायात आहोत.

आम्ही, प्राथमिक / उच्चतम दर्जा व वृद्धीवला साथ्य करणाऱ्या मार्गावरून वाटचाल करीत आहोता, आमचे व्यावसायिक भागीदार म्हणजेच आमचे ग्राहक, कर्मचारी, आम्हाला सेवा प्रदान करणारे, कंत्राटदार, पुरवठादार, अभ्यागत (जीजीटर्स) आणि एकुलथ समाजाचे, रोजगार, व्यवसायातून उद्भवणाऱ्या समस्यांमधून त्यांचे संरक्षण करण्यात आम्ही प्रतिबद्ध आहोत. तसेच आमची कार्यप्रणाली व सर्व जबाबदार पदांवरपाशी मैत्रिपूर्ण असून एकुल पर्यावरण, आरोग्य आणि सुरक्षेमध्ये सुधारणा सतत घडवून आणण्यात आम्ही प्रतिबद्ध आहोत.

व्यवस्थापकीय कार्यांचे एकाधिकरण व सुसुत्रिकरण करून आणि या धोरणामध्ये दिलेली आचारांमधी पुरतता करणे हे व्यवस्थापनाचे प्राथमिक उद्दीष्ट आहे. सर्व कामगारांच्या सहभागानेच व्यवस्थापन हे उद्दीष्ट साध्य करेल. या धोरणाची अंमलबजावणी करणे, ही सर्व कामगारांची जबाबदारी व सानुदायिक जबाबदारी आहे व सर्व कामगार याबाबतची माहिती संबंधित अंतर्गत व बाह्य घटकांना स्वतंत्रपणे देतील.

यासाठी आर.पी.सी. लाईफ सायन्सेस लिमिटेड पुढील पायले उचलून हे उद्दीष्ट साध्य करेल.

- सर्व कर्मचाऱ्यांना सुरक्षित आणि निरोगी कामाचे वातावरण उपलब्ध करणे आणि कामातील संपूर्ण सुरक्षिततेवर भर देणे.
- संपूर्ण स्तराव्यवस्थेतील उच्चतरांमध्ये रचना, रचना, कार्य आणि सांभाळ यामध्ये सतत सुरक्षिततेचा सर्वात्म्य दर्जा राखण्याचा प्रयत्न करणे जेणेकरून कर्मचाऱ्यांना आणि सामाज्य जनतेला हुना किंवा आरोग्य विधायक संरक्षण देता येईल आणि पर्यावरण तसेच कितीच हानी होऊ नये म्हणून प्रतिबंध करता येईल.
- कारखान्यातील सुरक्षितविधायक कार्यक्रमात सहभागी होण्याकरीता कर्मचाऱ्यांना प्रोत्साहन देणे.
- कर्मचाऱ्यांना त्यांची कामे सुरक्षित आणि परिणामकारकरीत्या करता यावी म्हणून त्यांना योग्य त्वा सूचना देण्या जातील आणि त्यांना योग्य प्रशिक्षण देऊन त्यांच्याकडे आवश्यक ती सुरक्षिततेचे उपलब्ध असतील याची जबाबदारी घेतली जाईल.
- कारखान्यातील कामात, संशोधनात आणि उत्पादनाच्या प्रक्रियेमध्ये ताकाऊ वस्तूंचे उत्पादन करीत कमी जावे किंवा ते होऊच नये या करीता कार्यक्रम राबवणे आणि पर्यावरणाला किंवा सजीव प्राण्यांना कोणताही धोका होणार नाही याची जबाबदारी घेऊन कर्मचाऱ्यांची सुरक्षितपणे विव्हेराट सावण्यासाठी त्यांचा पुनर्वापर करण्यात येईल.
- सगळी कामे ही नियमितपणे आणि योग्य औद्योगिक आरोग्यपद्धतींना अनुसरून होतील, कार्यस्थळी कर्मचाऱ्यांच्या आरोग्यावर भौतिक आणि रासायनिक गोष्टींनी कोणताही विपरीत परिणाम होणार नाही याची काळजी घेतली जाईल.
- पर्यावरणाचे संरक्षण, आरोग्य आणि सुरक्षा या सगळ्या गोष्टींचे फायले हे लागू होणाऱ्या नियम आणि कठिणानुसार होईल आणि किमान कायदेशीर बाबीनुसार त्यामध्ये सुधारणा करण्यासाठी प्रयत्नशील राहील.

१० ऑक्टोबर २०१८



युगल सीकरी  
भोगवटादार



RPG LIFE SCIENCES LIMITED

  
**Environmental, Health and Safety (EHS) Policy**

At RPG Life Sciences Limited, we are committed to ensuring the highest standards of Environmental, Health and Safety (EHS) performance across all our operations. This policy outlines our commitment and the principles that guide our EHS practices.


We are committed to providing a safe and healthy working environment for all our employees, contractors, and visitors. We will continuously improve our EHS performance and ensure that we comply with all applicable laws and regulations.

We will ensure that our products and services are safe for use and that we have robust processes in place to manage risks associated with our operations. We will also ensure that we have effective systems in place to manage environmental impacts and reduce our carbon footprint.

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RPG LIFE SCIENCES LIMITED

  
**गर्भकाल, जन्मसमय आणि सुरक्षा धोरण (इंग्रजी) - पीटीसी**

At RPG Life Sciences Limited, we are committed to ensuring the highest standards of Environmental, Health and Safety (EHS) performance across all our operations. This policy outlines our commitment and the principles that guide our EHS practices.

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RPG LIFE SCIENCES LIMITED



## **ANNEXURE – XII**

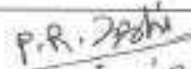
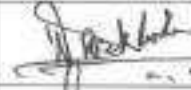

### **Environmental Management Plan**

#### **Implementation status**



# **RPG LIFE SCIENCES**

## **ENVIRONMENT MANAGEMENT PLAN**

<b>NAME</b>	<b>NAME &amp; DESIGNATION</b>	<b>SIGNATURE / DATE</b>
<b>Prepared by:</b>	Prashant Joshi, Manager - EHS	 26/03/2020
<b>Reviewed by:</b>	Vinod Narkhede, A.G.M. - EHS	 26/03/2020
<b>Approved by:</b>	Kartick Patra, Head - Operations API	 26/05/2020

Next Review on	1 <sup>st</sup> April 2021
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## **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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**SECTION 4: NOISE AND VIBRATIONS**

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**SECTION 6: PREVENTION, MAINTENANCE AND OPERATION OF  
ENVIRONMENT CONTROL SYSTEM**

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## Environmental, Health and Safety (EHS) Policy

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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.

10<sup>th</sup> October 2018



Yugal Sikri  
Occupier

Sr. No.	Description of Elements of Environment Management Plan (EMP)	EMP Status as on May 2020	Improvement plan	Responsibility	Timeline
1	<b>LIQUID EFFLUENT</b>				
1a.	<ul style="list-style-type: none"> <li>Effluents from the industrial plants should be treated well to the standards as prescribed by the Central/State Water Pollution Control Boards.</li> </ul>	<ul style="list-style-type: none"> <li>Effluent Treatment plant with Primary, Secondary &amp; Tertiary stage provided to meet standards prescribed by CPCB, MPCB.</li> <li>Daily analysis of Effluent being carried out for the parameters like- pH, O &amp; G, SS, COD, BOD, TDS, DO, MLSS &amp; Flow.</li> </ul>	Propose financial provision for availing infrastructure facility for treated water recycling.	Vinod	2020-21
1b.	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Effluent is being handled in closed system ensuring no leachets to soil. Treated effluent is being discharged to CETP through MIDC drain system.</li> </ul>	Carry out soil testing from MoEF & CC approved laboratory to ensure that no leachets to soil.	Vinod	Dec.2019
1c.	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>The plant is located in industrial area where death of migratory birds not observed since establishment in company premises.</li> </ul>	Keep vigilance & record observations.	Vinod	On-going
1d.	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Effluent is being handled in closed system ensuring no leachets to soil. Treated effluent is being discharged to CETP through MIDC drain system.</li> </ul>	Refer 1b. Above.	Vinod	Dec.2019
1e.	<ul style="list-style-type: none"> <li>In all cases, efforts should be made for re-use of water and its conservation.</li> </ul>	<ul style="list-style-type: none"> <li>Achieved water conservation up to 30% during last 4 years.</li> <li>Water conservation is planned to 20% by 2020.</li> <li>Hose watering to garden replaced with water drip system &amp; water spray system.</li> <li>Water reuse not initiated due to TDS exceeding consent norms in treated effluent &amp; GMP issue in Pharma manufacturing.</li> </ul>	<ul style="list-style-type: none"> <li>Reuse water ring vacuum pump outlet water,</li> <li>Replacement water ring vacuum pumps with Oil ring vacuum pumps,</li> <li>Replacement of condenser media from cooling water to chilled water.</li> </ul>	Shashi	2019-20

Sr. No.	Description of Elements of Environment Management Plan (EMP)	EMP Status as on Sept. 2019	Improvement plan	Responsibility	Timeline
2	<b>AIR POLLUTION</b>				
2a.	<ul style="list-style-type: none"> <li>The emission levels of pollutants from the different stacks should conform to the pollution control standards prescribed by Central or State Boards.</li> </ul>	<ul style="list-style-type: none"> <li>5 Scrubbers provided to process stack as gas scrubbing &amp; air pollution control measures.</li> <li>Preventive maintenance schedule for pollution control equipment is in place.</li> <li>Monthly monitoring is being done to keep checks on achievement of CPCB &amp; MPCB standards.</li> <li>Ambient Air Monitoring is being done on monthly basis to confirm pollution control standards by CPCB &amp; SPCB.</li> </ul>	Carry out HIRA & implement measures to avoid probable accidental release of air pollutants.	Shashi	Mar.2020
2b.	<ul style="list-style-type: none"> <li>Adequate control equipment should be installed for minimising the emission of pollutants from the various stacks.</li> </ul>	<ul style="list-style-type: none"> <li>100% Furnace oil is replaced with Pipeline Natural Gas-PNG (Clean fuel) for boiler firing.</li> <li>Two separate power feeders availed to have uninterrupted operations. D.G. Set is operated as third option.</li> <li>Muffler provided on D.G.Set.exhaust.</li> <li>Included DG set in preventive maintenance schedule for their smooth function &amp; release of less pollutants while on operation.</li> <li>5 Scrubbers provided to process stack as gas scrubbing &amp; air pollution control measures.</li> <li>Primary &amp; HEPA filters provided in Air Handling Units for Dust control at work place.</li> </ul>	<ul style="list-style-type: none"> <li>Do not use Furnace oil for Boiler firing as an economic option unless there is interruption in PNG supply.</li> </ul>	Shashi	On-going
2c.	<ul style="list-style-type: none"> <li>In-plant control measures should be taken to contain the fugitive emissions.</li> </ul>	<ul style="list-style-type: none"> <li>Solvents are handled carefully through closed system to avoid fugitive emissions.</li> <li>Adequate size condensers are provided with efficient condensing medium for effective control on solvent vapor losses during distillation.</li> <li>At source dust control hoods at shop floor to all reactors &amp; dust controller provided.</li> <li>Strategically decided to charge only one batch at a time to control air pollution &amp; chemically cross contamination.</li> </ul>	<ul style="list-style-type: none"> <li>Install continuous TVOC monitor to measure fugitive emissions in plant.</li> <li>Create environmental awareness to plant people regarding solvent handling.</li> </ul>	<ul style="list-style-type: none"> <li>Shashi</li> <li>Respective production heads.</li> </ul>	2019-20
2d.	<ul style="list-style-type: none"> <li>Infrastructural facilities should be provided for monitoring the stack emissions and measuring the ambient air quality including micro-meteorological data(whenever required) in the area.</li> </ul>	<ul style="list-style-type: none"> <li>Infrastructural facilities provided for monthly monitoring the stack emissions and measuring the ambient air quality in the area.</li> </ul>	<ul style="list-style-type: none"> <li>Maintain facility with periodical painting of infrastructure.</li> </ul>	Shashi	On-going

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



Sr. No.	Description of Elements of Environment Management Plan (EMP)	EMP Status as on May 2020	Improvement plan	Responsibility	Timeline
4	<p><b>NOISE &amp; VIBRATION</b></p> <ul style="list-style-type: none"> <li>Adequate measures should be taken for control of noise and vibrations in the industry.</li> </ul>	<p><b>EMP Status as on May 2020</b></p> <ul style="list-style-type: none"> <li>Preventive maintenance is being carried out as per planned schedule to overcome on noise &amp; vibrations from equipment.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Provide acoustic enclosure to D.G.Set room.</li> </ul>	<p>Shashi</p>	<p>2020-21</p>
5	<p><b>OCCUPATIONAL HEALTH &amp; SAFETY</b></p> <ul style="list-style-type: none"> <li>Proper precautionary measures for adopting occupational safety and health standards should be taken.</li> </ul>	<ul style="list-style-type: none"> <li>Pre-employment Health check-up is being done for new entrant.</li> <li>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.</li> <li>TVOC monitoring started on continuous basis.</li> <li>Dust collector provided for effective control on particulate matters &amp; avoid asthma due exposure to powdered material.</li> <li>Adequate ventilation at work place provided through Air Handling Units to overcome on heat stress.</li> <li>Gas scrubbers are provided to control process emissions.</li> <li>Adequate stack height provided to Boiler &amp; D.G. Set.</li> <li>Ensured adequate level of illumination to overcome on eye fatigue.</li> <li>Respiratory protections provided to employees.</li> </ul>	<ul style="list-style-type: none"> <li>Arrange sessions through qualified doctors to create awareness regarding importance of medical examination, prevention of health hazards, &amp; council individual employees for improvements.</li> </ul>	<p>Dr. Rajendra Bhachawat</p>	<p>On-going</p>

Sr. No.	Description of Elements of Environment Management Plan (EMP)	EMP Status as on Sept. 2019	Improvement plan	Responsibility	Timeline
6	<p><b>PREVENTION, MAINTENANCE AND OPERATION OF ENVIRONMENT CONTROL SYSTEM</b></p>				
6a.	<ul style="list-style-type: none"> <li>• Adequate safety precautions should be taken during preventive maintenance and shut down of the control systems.</li> </ul>	<ul style="list-style-type: none"> <li>• A Work Permit System is in force to take adequate safety precautions during preventive maintenance of the control system.</li> <li>• During shut down, primarily de-sludging is carried out.</li> <li>• After de-sludging of the pollution control system, it is thoroughly washed with water &amp; resultant effluent is taken to Effluent Treatment Plant for further treatment.</li> <li>• After thorough washing, gas detectors &amp; LEL detectors are used to check presence of toxic or flammable emissions at pollution control equipment.</li> <li>• After all necessary precautionary measures, lastly flame test is carried out before start of work.</li> </ul>	<p>Carry out Hazards Identification &amp; Risk Analysis (HIRA) for all activities on site evolving people.</p>	<p>Vinod</p>	<p>Mar.2020</p>
6b.	<ul style="list-style-type: none"> <li>• A system of inter-locking with the production equipment should be implemented where highly toxic compounds are involved.</li> </ul>	<ul style="list-style-type: none"> <li>• An interlock arrangement to H2S scrubber is made where highly toxic gas from process is being scrubbed effectively.</li> <li>• Fix type H2S detection system to overcome on constraint of Personal monitors.</li> </ul>	<p>Carry out periodical calibration of Fix type H2S detection system and Personal monitors.</p>	<p>Vinod</p>	<p>On-going</p>

Sr. No.	Description of Elements of Environment Management Plan (EMP)	EMP Status as on May 2020	Improvement plan	Responsibility	Timeline
7	HOUSE KEEPING	<ul style="list-style-type: none"> <li>• Since it is prime requirement of GMP, a top level House keeping is being maintained inside the manufacturing and warehouse facility.</li> <li>• The external facility also maintained cleaned well as follows:-               <ul style="list-style-type: none"> <li>(a) 5S team is formed to improve &amp; 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 &amp; fortnightly, dry tree leaves are being taken away by Navi Mumbai Municipality Corporation truck for appropriate. (d) Levels &amp; 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 &amp; Storage areas. (i) Adequate ventilation is provided at work place &amp; storage areas. (j) Buildings &amp; structures are being painted periodically to enhance it's strength/life &amp; aesthetic look. (k) Ornamental plants &amp; Lawns are maintained within premises for dust control &amp; enhancement of aesthetic look. (l) Garbage bins are provided to collect plant wastes &amp; garbage. (m) Hazardous &amp; Non-Hazardous Waste Storage sheds are provided to store Solid wastes before disposal &amp; to protect it from sun &amp; rain water.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Provide 5S displays &amp; scores.</li> <li>• Accumulate &amp; store scattered metal scrap at dedicated place.</li> <li>• Insulate MF-1 plant roof for reducing heat at work place.</li> </ul>	<ul style="list-style-type: none"> <li>• 5S team leader (Deepak)</li> <li>• Shashi</li> </ul>	<ul style="list-style-type: none"> <li>• Mar.2020</li> <li>• 2020-21</li> </ul>
7a.	<ul style="list-style-type: none"> <li>• Proper house-keeping and cleanliness should be maintained both inside and outside of the industry.</li> </ul>				

Sr. No.	Description of Elements of Environment Management Plan (EMP)	EMP Status as on May 2020	Improvement plan	Responsibility	Timeline
8	<b>HUMAN SETTLEMENTS</b> <ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Residential colonies are located away from the solid and liquid waste dumping areas. A regular monitoring is being done by CPCB &amp; SPCB authorities to study impact on residential areas due to probable air pollution problems.</li> </ul>	<ul style="list-style-type: none"> <li>In the scope of NMMMC, SPCB, MIDC.</li> </ul>	-----	-----
8a.		<ul style="list-style-type: none"> <li>Persons who are displaced or have lost agricultural lands as a result of locating the industries in the area, should be properly rehabilitated.</li> </ul>	<ul style="list-style-type: none"> <li>In the scope of District collector</li> </ul>	-----	-----
8b.					
9	<b>TRANSPORT SYSTEMS</b> <ul style="list-style-type: none"> <li>Proper parking places should be provided for the trucks and other vehicles by the industries to avoid any congestion or blocking of roads.</li> </ul>	<ul style="list-style-type: none"> <li>Traffic is being well managed withing &amp; surrounding of the premises to avoid any congestion or blockage of roads.</li> </ul>	<ul style="list-style-type: none"> <li>In the scope of NMMMC &amp; MIDC</li> </ul>	-----	-----
9a.					
9b.	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>This factory is establishment of 1968, and a road side plot was allotted by Maharashtra Industrial Development Corporation.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>In the scope of NMMMC &amp; MIDC</li> </ul>	-----	-----
9c.	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Tanker unloading permit is in force for safe unloading of corrosive &amp; flammable materials.</li> <li>Containments are provided to storage tanks for accidental spillage.</li> <li>Spill control procedure &amp; kits exist on site for control accidental leakages.</li> <li>On Site emergency plan exists to mitigate probable emergency.</li> <li>Speed limit signages are displayed beside roads.</li> <li>Speed breakers are provided for vehicle speed control inside premises.</li> </ul>	<ul style="list-style-type: none"> <li>Enhance visual management</li> </ul>	Vinod	Mar,2020

Sr. No.	Description of Elements of Environment Management Plan (EMP)	EMP Status as on May 2020	Improvement plan	Responsibility	Timeline
10	<b>RECOVERY - REUSE OF WASTE PRODUCTS</b>				
10a.	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Spent solvents are recovered &amp; reused in manufacturing to sustain the business.</li> <li>Used Miled Steel &amp; HDPE Drums are thoroughly washed with water. Resultant effluent is taken to ETP for treatment. Washed drums are re-used.</li> <li>Used PVC liners are re-used for packing of Hazardous Wastes like spent charcoal &amp; ETP sludge.</li> </ul>	<ul style="list-style-type: none"> <li>Explore use of treated effluent for land irrigation, plants conveniently and safely.</li> </ul>	Shashi	Mar.2020
11	<b>11. VEGETAL COVER</b>				
11a.	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>The area of plot premises is 8 acres &amp; 36% of the area is covered with dense plantation. Also lawn are developed surrounding the buildings to enhance aesthetic look.</li> </ul>	<ul style="list-style-type: none"> <li>Ensure 90% survival of trees.</li> </ul>	Deepak	On-going
12	<b>DISASTER PLANNING</b>				
12a.	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Disaster Management Plan exist to meet any emergency situation arising due to fire, explosion, sudden leakage of gas etc.</li> <li>Fire fighting equipment and other safety appliances are kept ready for use during disaster/emergency situation including natural calamities like earthquake/flood.</li> </ul>	<ul style="list-style-type: none"> <li>Create awareness about Disaster Management Plan &amp; conduct mock drills periodically.</li> </ul>	Vinod	On-going
13	<b>ENVIRONMENT MANAGEMENT CELL</b>				
13a.	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>RPLGS has a separate Environment, Health &amp; Safety department with 13 employees.</li> <li>Out of 13, five are well qualified, trained &amp; experienced.</li> <li>The HOD of EHS Dept. reports to Head Operations-API.</li> <li>The model Job Responsibilities of individuals w.r.t. Environment, Health and Safety management is well defined in writing.</li> </ul>	<ul style="list-style-type: none"> <li>Initiate proposal for ISO 14000 &amp; OHSAS 18000</li> </ul>	Kartick	2020-21

## **ANNEXURE – XIII**

### **Yearly survey of Noise Levels**



# Excellent Enviro Laboratory & Research Center

Format No.: EELRC/F/NMR/84

## NOISE LEVEL SURVEY REPORT

Client's Name & Address	Report No.	EEL/ABD/N-196 /10/2019-20
M/s. RPG Life Sciences Ltd., Plot No. Gen-25/25A, MIDC TTC, Thane- Belapur Road, Navi Mumbai-400705.	Date of Reporting	30/10/2019

### 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	16/10/2019	
05) Time of Sampling	9:00AM to 17:00PM (Day Time) & 17:05PM to 1:05AM (Night Time)	
06) Instrument Details	Serial No.	4201
	Make	LUTRON
	Calibration Date	Calibration On: 20/02/2019, Due On:19/02/2020

### RESULTS

Sr. No.	Area/ Location	Activity	Sound level in dB(A) Leq.		Limit
			Day Time	Night Time	
<b>Manufacturing</b>					
01	Generator Room	Operation work	65.2	63.2	90.0
02	Mechanical Work shop	Maintenance Work	76.3	73.5	90.0
03	Electrical Work Shop	Repairing work	77.4	74.0	90.0
04	Boiler House	Operation work	84.8	81.9	90.0
05	Operator cabin	Office work	72.9	69.8	90.0
06	Pump House	Operation work	84.7	81.3	90.0
07	Purified Water Room	Operation work	80.9	78.2	90.0
08	Service Room	Servicing	84.6	81.9	90.0
09	Air Compressor	Operation work	83.6	80.9	90.0
10	Brine Compressor	Operation work	85.0	83.4	90.0
11	ETP Air Blower Room 01	Treatment Work	84.1	82.9	90.0
12	ETP Air Blower Room 02	Treatment Work	82.8	80.0	90.0
13	MF-01 Ground Floor Near Pilot Plant	Manufacturing Work	70.6	67.8	90.0
14	MF 01 Frist Floor Near R-1005	Manufacturing Work	78.3	76.3	90.0
15	MF-01 Ground Floor	Manufacturing Work	67.4	65.2	90.0
16	MF 01 Frist Floor	Manufacturing Work	76.5	74.1	90.0
17	MF 01 DPX Frist Floor	Manufacturing Work	77.3	75.0	90.0
18	MF 01 DPX Ground Floor R-1023	Manufacturing Work	64.1	61.8	90.0
19	MF 01 PPA Passage	Walking	66.1	63.9	90.0
20	MF-02 Ground Floor	Manufacturing Work	63.6	60.5	90.0
21	MF 02 Frist Floor	Manufacturing Work	78.4	76.0	90.0
22	MF 02 PPA Passage	Manufacturing Work	56.4	54.2	90.0
23	MF 02 Office	Office Work	54.1	52.9	90.0
24	MF-03 Ground Floor	Manufacturing Work	51.3	48.3	90.0
25	MF 03 Frist Floor	Manufacturing Work	75.4	73.2	90.0
26	MF 03 Cabin	AN "ENVIRONMENTAL LABORATORY"	54.7	51.5	90.0

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.  
Ph. 0240-6641879  
• 9970429991

#### MUMBAI OFFICE

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

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#### Accreditation & Approvals

ISO 9001: 2015  
EMS 14001 : 2015  
OHSAS 45001: 2018  
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# Excellent Enviro Laboratory & Research Center

27	MF 03 PPA Passage	Walking	52.1	50.0	90.0
28	MF 03 PWS	Manufacturing Work	75.8	73.6	90.0
29	Store Area Passage	Walking	63.4	61.0	90.0
30	Store Area Office	Office Work	59.6	58.2	90.0
31	Inside Service Room	Office Work	81.4	78.2	90.0
<b>R &amp; D</b>					
32	Instrument Room	Analytical Work	50.8	48.2	90.0
33	Process R & D	Analytical Work	72.4	69.1	90.0
34	Washing Area	Analytical Work	67.3	64.3	90.0
35	G. C. Room	Analytical Work	62.8	60.0	90.0
36	HPLC Room	Analytical Work	63.7	59.3	90.0
37	ADL Formulation	Analytical Work	72.8	70.1	90.0
<b>Q C</b>					
38	Wet Lab	Analysis Work	54.1	52.0	90.0
39	Glassware Cleaning Room	Cleaning Work	55.8	53.4	90.0
40	G C. Room	Analysis Work	60.4	58.2	90.0
41	Stability Room	Analysis Work	73.5	71.8	90.0
42	Instrument Lab	Analysis Work	68.9	64.3	90.0
43	Incubator room	Analysis Work	70.4	68.0	90.0
44	Passage Area	Analysis Work	63.5	60.2	90.0
<b>Ambient Noise</b>					
45	Main Gate	Open Area	70.4	68.1	75.0
46	Near ETP Lab	Open Area	65.9	63.2	75.0
47	U / G Storage Tank area	Open Area	54.7	51.9	75.0
48	Near Compound Wall opp. Canteen	Open Area	67.2	66.0	75.0
49	Behind MF 2 & MF 3 Plant	Open Area	61.0	58.0	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 ½ hrs	102.0
1.0 hrs	105.0
¾ hrs	107.0
½ hrs	110.0
¼ hrs	115.0

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# Excellent Enviro Laboratory & Research Center

## Permissible Exposure Levels of Impulsive or Inspect Noise

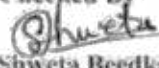
Peak sound pressure level in dB (A)	Permitted number of impulses or impact per day
140	100
135	315
130	1,000
125	3,160
120	10,000

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

Prepared By

  
Ms. Pinku Sontakke  
(Lab Chemist)

Checked By

  
Ms. Shweta Beedkar  
(Lab Chemist)

Authorized Signatory

  
Mr. Subhash Wadgaonkar  
(Branch In-charge)



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2<sup>nd</sup> half yearly EC Compliance Report For M/s. RPG Life science Ltd., Plot No. 25/25A, MIDC Land, TTC Industrial Area, Thane-Belapur Road, Pawne, Navi Mumbai-400 703.

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