

Ref: BC/EHS/COM/22/06/19  
Date: 28/06/2022

To

The Director  
Regional Office (Southern Zone),  
Ministry of Environment and Forests,  
Kendriya Sadan, IV the Floor,  
E&F Wings, 17th Main Road,  
2nd Block, Koramangala,  
Bengaluru-560034,

**Biocon Limited**

20th KM Hosur Road  
Electronics City  
Bangalore 560 100, India  
T 91 80 2808 2808  
F 91 80 2852 3423  
CIN : L24234KA1978PLC003417

[www.biocon.com](http://www.biocon.com)

Respected Sir,

**Sub: Half yearly compliance report for Environmental clearance From  
December-2021 to May-2022 & request to provide Certified  
Compliance Report.**

**Ref: File No: SEIAA 70 IND 2020 dt: 19.06.2021 issued by State Level  
Environment Impact Assessment Authority-Karnataka**

With reference to the above-mentioned subject, M/s. Biocon Limited., 20th KM, Hosur Rd, Electronic City, Bengaluru, Karnataka 560100, here with submitting Half Yearly Compliance report from December-2021 to May-2022 requirement of Environmental clearance issued on dated on 19<sup>th</sup> June-2021

Thanking You,

Yours Sincerely,  
For Biocon Limited

Authorized Signatory

CC: Regional Office, Sarjapura

**SIX MONTHLY ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT  
(June-2022)**

*For*

**BIOPHARMACEUTICAL MANUFACTURING UNIT**

**AT**



**M/s. BIOCON LIMITED**

**20th KM, Hosur Rd, Electronic City, Bengaluru,  
Karnataka 560100.**

**[Environmental Clearance issued by SEIAA, Karnataka  
No SEIAA 70 IND 2020 dated 19-06-2021]**

**Submitted By**

**M/s. Biocon Limited,  
20th KM, Hosur Rd,  
Electronic City, Bengaluru,  
Karnataka 560100**

<b>COMPLIANCE STATUS FOR ENVIRONMENTAL CLEARANCE</b> <i>for</i> <b>Biopharmaceutical Manufacturing Unit</b> <i>of</i> <b>M/s. Biocon Limited., 20th KM, Hosur Road, Electronic City, Bengaluru 560100, for</b> <b>Environmental Clearance issued by SEIAA, Karnataka, No SEIAA 70 IND 2020 dated 19-06-2021</b> <b>EC Copy attached as Annexure-I</b>		
<b>I. Statutory Compliance</b>		
<b>S.No.</b>	<b>Condition</b>	<b>Compliance Status</b>
1	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.	NA, No forest or forest diversion is in vicinity of the site, The land is an converted to industrials utilizations from the relevant Govt agencies.
2	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	The site is an Industrial converted land hence this is not applicable.
3	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)	NA, No forest or forest diversion is in vicinity of the site, as such no clearance is required.
4	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.	The EC has been obtained for expansion and addition of Covid Drugs (Immuno-suppressants & Remediesvir) Industry has been operating since 1980's with valid CFE & CFO's. The proposed additional products' CFE expansion and CFO will be obtained Shortly and same will be submitted.
5	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time	Noted the Content.
6	The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989	Noted, the company will 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.
<b>II. Air quality monitoring and preservation</b>		
1	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 this	Noted the contents.

	system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories	
2	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986.	Noted. The monitoring reports of the same will be submitted once the industry is in operation stage.
3	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each), covering upwind and downwind directions.	Noted. The monitoring reports of the same will be submitted once the industry is in operation stage.
4	To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.	Noted, the DG set shall be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. We will use only low sulphur diesel DG set & will maintain the stack height as height needed for the combined capacity of all proposed DG sets.
5	Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	Storage of raw materials will be as per PESO rules and regulations. The materials will be stored in restricted areas.
6	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.	Emissions will be maintained within limits and the monitoring reports shall be submitted after operation phase.
7	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.	Ambient air monitoring reports shall be submitted after operation phase.
<b>III. Water quality monitoring and preservation</b>		
1	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)	The industry has provided online continuous monitoring of effluent. The industry is completely ZLD.
2	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).	Noted and adhered.
3	The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the	No effluent will be discharged as the industry is ZLD based. The effluent will be treated and reused within the industry.

	State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent.	
4	Total freshwater requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.	Noted and will be adhered.
5	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.	The industry has provided separate separate conveyance system for both storm water managements. No Process effluent/any wastewater will be allowed to mix with storm water.
6	The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.	Noted and adhered.
7	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.	The DG sets will be provided with acoustic enclosures and adequate stack height as per CPCB norms.
<b>IV. Noise monitoring and prevention</b>		
1	Acoustic enclosure shall be provided to DG set for controlling the noise pollution.	Noted. All possible measures will be taken to reduce ambient noise levels.
2	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.	Noted
3	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during daytime and 70 dB(A) during nighttime.	Noted and adhered.
<b>V. Energy Conservation measures</b>		
1	The energy sources for lighting purposes shall preferably be LED based.	Noted and implemented in the project.
<b>VI. Waste Management</b>		
1	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.	Noted. All hazardous chemicals will be stored in a designated area with limited personnel access. Hazardous chemicals will be stored in tanks, tank farms, drums, carboys etc. Flame arresters will be provided on tank farm and the solvent transfer through pumps.
2	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.	Noted and will be adhered.
3	The company shall undertake waste minimization measures as below: a. Metering and control of quantities of active ingredients to minimize waste.	Noted and adhered.

	<p>b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.</p> <p>c. Use of automated filling to minimize spillage.</p> <p>d. Use of Close Feed system into batch reactors.</p> <p>e. Venting equipment through vapour recovery system.</p> <p>f. Use of high pressure hoses for equipment clearing to reduce wastewater generation</p>	<p>The industry has an active R&amp;D section and is actively trying to reuse by-products/wastes</p> <p>Complied</p> <p>Complied</p> <p>Complied</p> <p>Complied</p>
<b>VII. Green Belt</b>		
1	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.	Noted and adhered.
<b>VIII. Safety, Public hearing and Human health issues</b>		
1	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented	Noted and implemented. Emergency preparedness plan based on the HIRA and DMP shall be implemented.
2	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms.	Noted and implemented.
3	The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act	Noted and implemented. PPE's such as safety helmet, shoes, masks, ear plugs etc will be provided to the workers.
4	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Noted and implemented.
5	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Noted and will be adhered. Provisions will be provided for housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc.
6	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Noted and implemented.
7	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.	The industry has provided adequate space for parking of vehicles for raw materials and finished products within the boundary.

<b>IX. Corporate Environment Responsibility</b>		
1	The project authorities have undertaken activities under Corporate Environment Responsibility (CER) with a total cost of not less than Rs. 65 Crores towards development of Hebbagodi Metro Station which is on the R.V. Road to Bommasandra line, and Rejuvenation of Hebbagodi Lake in accordance with the O.M. F. No.22-65/2017-IA.III dated 01st May 2018 and report be submitted to the Authority.	Report will be submitted shortly  Report is attached as Annexure - 2
2	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholder's / 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.	Copy of the board resolution is attached as Annexure - 3
3	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.	Noted
4	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.	Noted, Year wise progress of implementation of action plan will be reported to the Ministry of Environment, Forest and Climate Change/Regional Office.
5	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Noted and will be adhered to.
<b>X. Miscellaneous</b>		
1	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.	The copy of newspaper advertising is attached as Annexure – 4
2	The copies of the environmental clearance shall	Noted and adhered

	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.	
3	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.	Noted and adhered
4	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (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.	Noted and will be adhered.
5	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.	Infrastructure for PNG will be provided for both domestic / commercial purpose and DG set. We will ensure that PNG is supplied for both Commercial and for DG sets instead of other types of fuels.
6	The Half Yearly Compliance Reports (HYCRs) with its contents of a covering letter, compliance reports, and environmental monitoring data has to be in PDF format merged into a single document. The email should clearly mention the name of project, EC No & date, period of submission and to be sent to the Regional Office of MOEF&CC by email only at email ID rosz.bng-mefcc@gov.in Hard copy of HYCRs shall not be acceptable.	Noted
7	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company	Noted. Form V will be submitted annually to KSPCB.
8	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Noted
9	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted
10	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their	Noted



	presentation to the Expert Appraisal Committee.	
11	No further expansion or modifications in the plant shall be carried out without prior approval of this Authority or the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Any expansion or modifications shall be intimated and proper approvals will be obtained before such activity is taken up.
12	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted
13	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted
14	The SEIAA reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted
15	The Regional Office of MoEF&CC shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/ monitoring reports.	Noted, we shall extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/ monitoring reports.
16	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.	Noted
17	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.	Noted

**ANNEXURE - I - COPY OF ENVIRONMENTAL CLEARANCE****State Level Environment Impact Assessment Authority-Karnataka**

(Constituted by MoEF, Government of India, under section 3(3) of E(P) Act, 1986)

No. SEIAA 70 IND 2020

Date: 19.06.2021

To,

M/s Biocon Limited  
20th KM, Hosur Rd,  
Electronic City, Bengaluru,  
Karnataka 560100

Sir,

Sub: Proposed New Products of Biopharmaceutical Manufacturing Unit at Biocon Campus, 20th KM, Hosur Rd, Electronic City, Bengaluru, Karnataka 560100 by M/s Biocon Limited- issue of Environmental Clearance Reg.

\* \* \* \*

This has reference to your online application dated 11<sup>th</sup> December 2020 bearing proposal No.SIA/KA/IND2/187366/2020 addressed to SEIAA, Karnataka on the subject mentioned above. The proposal has been appraised as per procedure prescribed in the provisions under the EIA notification, 2006 on the basis of the mandatory documents enclosed with the application viz., the application in Form-1, Pre-feasibility report, and the additional clarification furnished in response to the observations of the SEAC, Karnataka.

2. It is a proposal seeking Environmental clearance for Proposed New Products of Biopharmaceutical Manufacturing Unit at Biocon Campus, 20th KM, Hosur Rd, Electronic City, Bengaluru, Karnataka 560100. This is a project covered under Sl.No.5(f) of the Schedule Under of EIA Notification 2006 and amendments made there on.

3. The total plot area is 1,03,634 Sqm (25.6 Acres). Industry has developed greenbelt in an area of 532165qm i.e 51.3 % out of total area of the project site. The estimated project cost is Rs. 650 Crores including expansion cost of 10 Crores. Details of Existing and Proposed product category to be manufactured with their capacity are given in Annexure-1:-

4. The total water requirement for the proposed project is 1152KLD, and It will be met from the BWSSB water supply. The waste water generation will be 438 KLD, out of which 95 KLD will be the domestic sewage shall be treated in existing Treatment system with capacity of 115 KLD. The industrial effluent of 543 KLD shall be treated in ETP of 550 KLD capacity and MEE of 300 KLD capacity. Power requirement is 14 MW and will be met from Bangalore Electricity Supply Company (BESCOM), a Branch of Karnataka State Power Distribution Corporation Limited (KPTCL).

Room No. 706, 7th Floor, 4th Gate, M.S. Building, Bangalore - 560 001 Phone : 082-22032497, Fax : 080-2255377  
Website : <http://environmentclearance.nic.in> <http://seiaa.karnataka.gov.in> e-mail : [seiaakarnataka@gmail.com](mailto:seiaakarnataka@gmail.com)

**State Level Environment Impact Assessment Authority-Karnataka**  
(Constituted by MoEF, Government of India under section 3(3) of EIA Act, 1986)

SEIAA 70 IND 2020

Proposed New Products of Biopharmaceutical  
Manufacturing Unit Project by M/s. Biocon Limited

Existing unit has DG sets of 6 Nos of 2000 KVA and 4 Nos of 1250 KVA capacity and proposed to install 3 Nos of 2000 KVA in addition to existing DG sets and it shall be used as standby during the power failure. Existing unit has 2 Nos of 10 TPH, and 1 Nos 6 TPH, CNG fired boilers, and 1 Nos Incinerator, 19 Nos existing Scrubbers and 6 Nos Scrubbers are proposed for mitigation of air pollution.

5. The project proposal was considered by SEAC during the video conference meeting held on 7<sup>th</sup> January 2021 as B2 category activity in accordance with the Notification S.O. 1223 (E) dated 27<sup>th</sup> March 2020 and Notification S. O. 3636 (E) dated 15<sup>th</sup> October 2020. Based on the information submitted by you, presentation made by you and your consultant Dr. Mohammed Habibulla, the State Level Expert Appraisal Committee (SEAC) appraised the proposal and has recommended for issue of Environmental Clearance.

6. The SEIAA Karnataka has considered the project in its meeting held on 30<sup>th</sup> January 2021 and after due consideration of the relevant documents submitted by you and additional clarifications furnished in response to its observations and the appraisal and recommendation of the SEAC, decided to accord Environmental Clearance in accordance with the provisions of Environmental Impact Assessment Notification-2006 and its subsequent amendments, subject to strict compliance of the following terms and conditions:

**I. Statutory compliance**

- i. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- iii. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (In case of the presence of schedule-I species in the study area)
- iv. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1986 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
- v. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.



**State Level Environment Impact Assessment Authority-Karnataka**  
(Constituted by MoEF, Government of India under section 3(3) of EIA Act, 1986)

SEIAA 70 IND 2020

Proposed New Products of Biopharmaceutical  
Manufacturing Unit Project by M/s. Biocon Limited

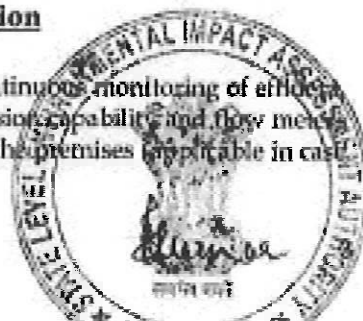
- vi. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989

## **II Air quality monitoring and preservation**

- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986.
- iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each), covering upwind and downwind directions.
- iv. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CIPCB/SPCB guidelines.
- v. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
- 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.
- vii. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with

## **III. Water quality monitoring and preservation**

- i. The project proponent shall provide online continuous monitoring of effluent. The unit shall install web camera with night vision capability and flow meter in the channel/drain carrying effluent within the premises (feasible in case of the projects achieving ZLD)



**State Level Environment Impact Assessment Authority-Karnataka**  
(Constituted by MoEF, Government of India under section 3(3) of E(P) Act, 1986)

SEIAA 70 IND 2020

Proposed New Products of Biopharmaceutical  
Manufacturing Unit Project by M/s. Biocon Limited

- 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).
- 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.
- iv. Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.
- 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.
- 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.
- 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.

**IV. Noise monitoring and prevention**

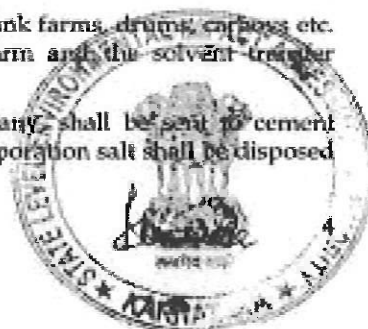
- i. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
- ii. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
- 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

**V. Energy Conservation measures**

- i. The energy sources for lighting purposes shall preferably be LED based.

**VI. Waste management**

- i. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
- 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.



**State Level Environment Impact Assessment Authority-Karnataka**  
(Constituted by MoEF, Government of India under section 3(3) of E(P) Act, 1986)

SEIAA 70 IND 2020

Proposed New Products of Biopharmaceutical  
Manufacturing Unit Project by M/s. Biocon Limited

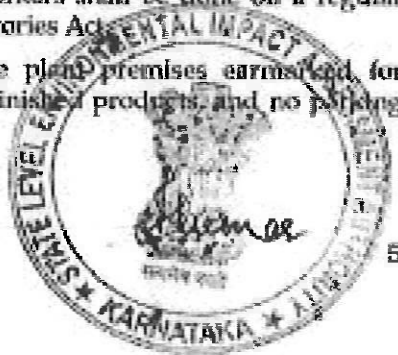
- iii. The company shall undertake waste minimization measures as below:-
  - a. Metering and control of quantities of active ingredients to minimize waste.
  - b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
  - c. Use of automated filling to minimize spillage.
  - d. Use of Close Feed system into batch reactors.
  - e. Venting equipment through vapour recovery system.
  - f. Use of high pressure hoses for equipment cleaning to reduce wastewater generation

**VII. Green Belt**

- i. The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.

**VIII. Safety, Public hearing and Human health issues**

- i. Emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented
- ii. The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
- iii. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- iv. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- v. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- vi. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- 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



(Constituted by MoEF, Government of India under section 3(1) of EIA Act, 1986)

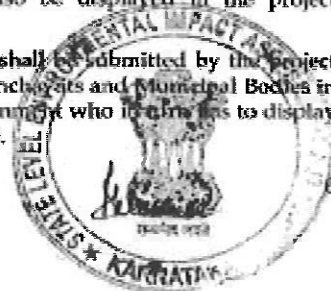
SEIAA 70 IND 2020

Proposed New Products of Biopharmaceutical  
Manufacturing Unit Project by M/s. Biocon Limited**IX. Corporate Environment Responsibility**

- i. The project authorities have undertaken activities under Corporate Environment Responsibility (CER) with a total cost of not less than Rs. 65 Crores towards development of Hebbagodi Metro Station which is on the R.V. Road to Bommasandra line, and Rejuvenation of Hebbagodi Lake in accordance with the O.M. P. No.22-65/2017-1A.III dated 01<sup>st</sup> May 2018 and report be submitted to the Authority.
- ii. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- 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.
- 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.
- v. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

**X. Miscellaneous**

- i. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- 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.





**State Level Environment Impact Assessment Authority-Karnataka**  
(Constituted by MoEF, Government of India under section 3(3) of EIA Act, 1986)

SEIAA 70 CON 2020

Proposed New Products of Biopharmaceutical  
Manufacturing Unit Project by M/s. Biocon Limited

- 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.
- iv. The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (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.
- 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.
- vi. "The HYCRs with its contents of a covering letter, compliance reports, and environmental monitoring data has to be in PDF format merged into a single document. The email should clearly mention the name of project, EC No & date, period of submission and to be sent to the Regional Office of MOEF&CC by email only at email [IDrosz.bag-mefcc@gov.in](mailto:IDrosz.bag-mefcc@gov.in) Hard copy of HYCRs shall not be acceptable".
- vii. 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.
- viii. 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.
- ix. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- x. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- xi. No further expansion or modifications in the plant shall be carried out without prior approval of this Authority or the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- xii. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and action under the provisions of Environment (Protection) Act, 1986.
- xiii. The SEIAA may revoke or suspend the clearance if implementation of any of the above conditions is not satisfactory.





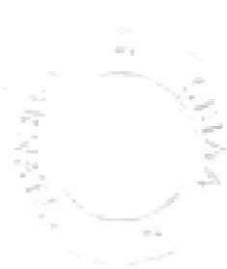
## State Level Environment Impact Assessment Authority-Karnataka

(Constituted by MoEF, Government of India under section 3(3) of E(P) Act, 1986)

SEIAA 70 IND 2020

Proposed New Products of Biopharmaceutical  
Manufacturing Unit Project by M/s. Biocon Limited

- xiv. The SEIAA reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xv. The Regional Office of MoEF&CC shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/ monitoring reports.
- xvi. 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.
- xvii. 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.



Yours faithfully,

(Brijesh Kumar)  
Member Secretary,  
SEIAA, Karnataka.

19/6/2021

## Copy to:

- 1) The Secretary, Ministry of Environment, Forests and Climate Change, Indira ParyavaranBhavan, JorBagh Road, Aliganj, New Delhi- 110 003.
- 2) The Member Secretary, Karnataka State Pollution Control Board, Bangalore.
- 3) The APCCF, Regional Office, Ministry of Environment & Forests (SZ), KendriyaSadan, IV Floor, E & F wings, 17<sup>th</sup> Main Road, Koramangala II Block, Bangalore - 560 034.
- 4) Guard File.

B

**State Level Environment Impact Assessment Authority-Karnataka**  
(Constituted by MoEF, Government of India under section 3(3) of EIA Act, 1986)

SEIAA 70 IND 2020

Proposed New Products of Biopharmaceutical  
Manufacturing Unit Project by M/s. Biocon Limited

**ANNEXURE-I**

Details of Existing and Proposed product category to be manufactured with their capacity

List of products - Biocon Limited and Biocon Biologics Limited		
Sl.	Products	Quantity (MTA)
1	Biosimilar and rDNA Products	3.24
2	Biopharmaceuticals	1116.00
3	Synthetic API's & Intermediates	336.60
	<b>Total Quantity of Production</b>	<b>1,455.84 MTA</b>



*Sumas* 19/6/2022



**ANNEXURE - II - CER REPORT**

Please find below spend details for FY 21 and 22 for Lake and BMRCL projects.

**Amount in Cr.**

<b>Particulars</b>	<b>Spend in FY 21</b>	<b>Spend in FY 22</b>	<b>Total</b>	<b>Remarks</b>
BMRCL	5.40	7.60	13.00	
Hebbagodi Lake	1.00	0.18	1.18	Budget is 0.90 Crore for FY22
<b>Total</b>	<b>6.40</b>	<b>7.78</b>	<b>14.18</b>	

**ANNEXURE – III – ENVIRONMENTAL POLICY DULY APPROVED BY THE BOARD OF DIRECTORS BOARD RESOLUTION****Syngene****ENVIRONMENT, OCCUPATIONAL HEALTH,  
SAFETY & SUSTAINABILITY POLICY**

The Biocon Group, an integrated Biopharmaceutical enterprise, is committed to high standards and continual improvement in the areas of Environment, Occupational Health, Safety and Sustainability (EHSS).

We shall strive to achieve this by :

- Complying with all applicable laws, regulations, legal requirements and other requirements in all countries in which the company operates.
- Ensuring protection of environment and prevention of pollution at all levels of operations.
- Providing safe and healthy working environment for our employees, contract workmen, visitors and other stakeholders by eliminating hazards and reducing occupational health and safety risks to prevent work-related injury and ill-health.
- Empowering employees and contract workmen through training programs that are focused on operational safety, occupational health and environmental protection.
- Ensuring a sustainable value chain by building a network of responsible business partners committed to environmental stewardship across the product life cycle starting from sourcing of raw materials to manufacturing and distribution of our products.
- Adopting energy conservation, reduction of waste through recovery, recycle and reuse, mitigation of climate change risks and threats to biodiversity in all process operations thereby integrating sustainability into our business operations.
- Providing the framework and resources for setting, reviewing and achieving Environment, Health, Safety and Sustainability objectives & targets. Continually evaluating and improving Environment, Health, Safety and Sustainability performance through compliance, periodic audits and effective documentation.
- Adopting best practices in Environment, Health, Safety and Sustainability through continual improvements in EHSS management system that pursues the latest developments in this area.
- Using effective communication, consultation and participation of employees and contract workmen to maintain highest standards of Environment, Health, Safety and Sustainability.

The Biocon Group management is committed towards implementation of the EHSS policy. This policy is applicable to all businesses, employees and contract workmen of all entities of the Biocon Group.

**Kiran Mazumdar Shaw**  
Chairperson & Managing Director

Date: 21-08-2019

V: 007

**Emergency Contact No. 2000**



Syngene

## ಪರಿಸರ, ಔದ್ಯೋಗಿಕ ಆರೋಗ್ಯ, ಸುರಕ್ಷತೆ ಮತ್ತು ಸುಸ್ಥಿರ ನೀತಿ

ಬಯೋಕಾನ್ ಗ್ರೂಪ್ ಒಂದು ಕ್ರೋಢೀಕೃತ ಬಯೋಫಾರ್ಮಾಸುಟಿಕಲ್ ಸಂಸ್ಥೆಯಾಗಿದ್ದು, ಪರಿಸರ, ಔದ್ಯೋಗಿಕ ಆರೋಗ್ಯ, ಸುರಕ್ಷತೆ ಮತ್ತು ಸುಸ್ಥಿರ ನೀತಿ (ಇಎಚ್‌ಎಸ್‌ಎಸ್) ವಲಯದಲ್ಲಿ ಉನ್ನತ ಗುಣಮಟ್ಟದ ಮತ್ತು ನಿರಂತರ ಸುಧಾರಣೆಗೆ ಬದ್ಧವಾಗಿದೆ.

ಈ ಮೂಲಕ ನಾವು ಈ ಸಾಧನೆಗಳನ್ನು ಮಾಡಲು ಯತ್ನಿಸುತ್ತಿದ್ದೇವೆ,

- ಕಂಪನಿ ಕಾರ್ಯನಿರ್ವಹಣೆ ಮಾಡುವ ಎಲ್ಲ ದೇಶಗಳಲ್ಲಿ ಎಲ್ಲ ಅನ್ವಯಿಕ ಕಾನೂನುಗಳು, ನಿಯಮಾವಳಿಗಳು, ಕಾನೂನು ಅಗತ್ಯಗಳು ಮತ್ತು ಇತರ ಅಗತ್ಯಗಳಿಗೆ ಬದ್ಧವಾಗುವುದು.
- ಕಾರ್ಯನಿರ್ವಹಣೆಯ ಎಲ್ಲ ಹಂತಗಳಲ್ಲಿ ಪರಿಸರ ರಕ್ಷಣೆ ಮತ್ತು ಮಾಲಿನ್ಯ ತಡೆಯುವ ಬಿಡಿತಪಡಿಸುವುದು.
- ಆಪಾಯಗಳನ್ನು ನಿರ್ಮೂಲಗೊಳಿಸಿ ಮತ್ತು ಔದ್ಯೋಗಿಕ ಆರೋಗ್ಯ ಮತ್ತು ಸುರಕ್ಷತಾ ರಿಸ್ಕ್ ಕಡಿಮೆ ಮಾಡಿ ಕೆಲಸ ಸಂಬಂಧಿ ಗಾಯ ಮತ್ತು ಅನಾರೋಗ್ಯವನ್ನು ತಡೆಯುವ ಮೂಲಕ ನಮ್ಮ ಉದ್ಯೋಗಿಗಳು, ಒಪ್ಪಂದದ ಕೆಲಸಗಾರರು, ಸಂದರ್ಶಕರು ಮತ್ತು ಇತರ ಪಾಲುದಾರರಿಗೆ ಸುರಕ್ಷಿತ ಮತ್ತು ಆರೋಗ್ಯಕರ ಕೆಲಸದ ಪರಿಸರವನ್ನು ಒದಗಿಸುವುದು.
- ಕಾರ್ಯನಿರ್ವಹಣೆ ಸುರಕ್ಷತೆ, ಔದ್ಯೋಗಿಕ ಆರೋಗ್ಯ ಮತ್ತು ಪರಿಸರ ರಕ್ಷಣೆಯ ಮೇಲೆ ಗಮನ ಕೇಂದ್ರೀಕರಿಸಿದ ತರಬೇತಿ ಕಾರ್ಯಕ್ರಮಗಳ ಮೂಲಕ ಉದ್ಯೋಗಿಗಳು ಮತ್ತು ಒಪ್ಪಂದದ ಕೆಲಸಗಾರರನ್ನು ಸಬಲಗೊಳಿಸುವುದು.
- ಕಚ್ಚಾ ಸಾಮಗ್ರಿಗಳ ಖರೀದಿಯಿಂದ ಆರಂಭಿಸಿ ನಮ್ಮ ಉತ್ಪನ್ನಗಳ ಉತ್ಪಾದನೆ ಮತ್ತು ವಿತರಣೆಯ ಎಲ್ಲ ಉತ್ಪನ್ನ ಜೀವಿತಾವಧಿಯಲ್ಲಿ ಪರಿಸರ ರಕ್ಷಣೆಗೆ ಬದ್ಧವಾದ ಜವಾಬ್ದಾರಿಯುತ ವಹಿವಾಟು ಪಾಲುದಾರರ ಜಾಲವನ್ನು ನಿರ್ಮಿಸುವ ಮೂಲಕ ಸುಸ್ಥಿರವಾಗಿ ವ್ಯಾಲೂ ಚೈನ್ ಅನ್ನು ನಿರ್ಮಿಸಲು ಬದ್ಧವಾಗಿರುವುದು.
- ಇಂಧನ ಸಂರಕ್ಷಣೆ, ರಿಕವರಿ, ರಿಸೈಕಲ್ ಮತ್ತು ಮರುಬಳಕೆ ಮೂಲಕ ತ್ಯಾಜ್ಯವನ್ನು ಕಡಿಮೆ ಮಾಡುವುದು, ಹವಾಮಾನ ವೈಪರೀತ್ಯದ ರಿಸ್ಕ್‌ಗಳನ್ನು ನಿವಾರಿಸುವುದು ಮತ್ತು ಎಲ್ಲ ಪ್ರಕ್ರಿಯೆ ಕಾರ್ಯನಿರ್ವಹಣೆಗಳಲ್ಲಿ ಜೈವಿಕ ವೈವಿಧ್ಯಕ್ಕೆ ಇರುವ ರಿಸ್ಕ್‌ಗಳನ್ನು ನಿವಾರಿಸಿ ನಮ್ಮ ವಹಿವಾಟು ಕಾರ್ಯನಿರ್ವಹಣೆಯಲ್ಲಿ ಸುಸ್ಥಿರತೆಯನ್ನು ಅಳವಡಿಸಿಕೊಳ್ಳುವುದು.
- ಪರಿಸರ, ಆರೋಗ್ಯ, ಸುರಕ್ಷತೆ ಮತ್ತು ಸುಸ್ಥಿರ ಉದ್ದೇಶಗಳು ಮತ್ತು ಗುರಿಗಳನ್ನು ಸಾಧಿಸಲು, ನಿಗದಿಸಲು ಮತ್ತು ಮರುಪರಿಶೀಲಿಸಲು ರೂಪುರೇಷೆ ಮತ್ತು ಸಂಪನ್ಮೂಲಗಳನ್ನು ಒದಗಿಸುವುದು. ಬದ್ಧತೆ, ಸಕಾಲಿಕ ಆಡಿಟ್ ಮತ್ತು ಪರಿಣಾಮಕಾರಿ ದಾಖಲೆಗಳ ಮೂಲಕ ಪರಿಸರ, ಆರೋಗ್ಯ, ಸುರಕ್ಷತೆ ಮತ್ತು ಸುಸ್ಥಿರತೆಯನ್ನು ನಿರಂತರವಾಗಿ ಮೌಲೀಕರಿಸುವುದು ಮತ್ತು ಸುಧಾರಿಸುವುದು.
- ಪರಿಸರ, ಆರೋಗ್ಯ, ಸುರಕ್ಷತೆ ಮತ್ತು ಸುಸ್ಥಿರತೆ ವಲಯದಲ್ಲಿ ಇತ್ತೀಚಿನ ಬೆಳವಣಿಗೆಗಳನ್ನು ಅಧ್ಯಯನ ನಡೆಸುವ ಇಎಚ್‌ಎಸ್‌ಎಸ್ ಆಡಳಿತ ವ್ಯವಸ್ಥೆಯಲ್ಲಿ ನಿರಂತರ ಸುಧಾರಣೆಯ ಮೂಲಕ ಈ ಪ್ರದೇಶದಲ್ಲಿನ ಉತ್ತಮ ಅಭ್ಯಾಸಗಳನ್ನು ಅಳವಡಿಸಿಕೊಳ್ಳುವುದು.
- ಉನ್ನತ ಗುಣಮಟ್ಟದ ಪರಿಸರ, ಆರೋಗ್ಯ, ಸುರಕ್ಷತೆ ಮತ್ತು ಸುಸ್ಥಿರತೆಯನ್ನು ನಿರ್ವಹಿಸಲು ಉದ್ಯೋಗಿಗಳು ಮತ್ತು ಒಪ್ಪಂದದ ಕೆಲಸಗಾರರೊಂದಿಗೆ ಪರಿಣಾಮಕಾರಿ ಸಂವಹನ, ಸಲಹೆ ಮತ್ತು ತೊಡಗಿಸಿಕೊಳ್ಳುವಿಕೆಯನ್ನು ಬಳಸುವುದು.

ಇಎಚ್‌ಎಸ್‌ಎಸ್ ನೀತಿಯ ಅನುಷ್ಠಾನಕ್ಕೆ ಬಯೋಕಾನ್ ಗ್ರೂಪ್ ಆಡಳಿತವು ಬದ್ಧವಾಗಿದೆ. ಈ ನೀತಿಯು ಬಯೋಕಾನ್ ಗ್ರೂಪ್ ಎಲ್ಲ ಸಂಸ್ಥೆಗಳ ಎಲ್ಲ ವಹಿವಾಟುಗಳು, ಉದ್ಯೋಗಿಗಳು ಮತ್ತು ಒಪ್ಪಂದದ ಕೆಲಸಗಾರರಿಗೆ ಅನ್ವಯಿಸುತ್ತದೆ.

ಕಿರಣ್ ಮಜುಂದಾರ್ ಪಾ  
ಚೀಫ್‌ಸರ್ವಸ್ ಮತ್ತು ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು

ದಿನಾಂಕ: 21-08-2019

ಆವೃತ್ತಿ: 007

ತುರ್ತು ಸಂಪರ್ಕ ಸಂಖ್ಯೆ. 2000

**ANNEXURE IV – NEWSPAPER ADVERTISING****Published in Kannada daily Vijayavani on 01.07.2021**

**ಬಯೋಕಾನ್ ಲಿಮಿಟೆಡ್**  
CIN: L24234KA1978PLC003417  
ನೋಂದಾಯಿತ ಕಛೇರಿ: 20ನೇ ಕಿ.ಮೀ, ಹೊಸೂರು ರಸ್ತೆ, ಎಲೆಕ್ಟ್ರಾನಿಕ್ ಸಿಟಿ, ಬೆಂಗಳೂರು,  
ಕರ್ನಾಟಕ - 560 100. ದೂರವಾಣಿ: 91 80 2808 2808; ಫ್ಯಾಕ್ಸ್: 91 80 2852 3423.  
Email: co.secretary@biocon.com; Website: www.biocon.com

**ಸಾರ್ವಜನಿಕ ಸೂಚನೆ**

ಸಾರ್ವಜನಿಕರಿಗೆ ಈ ಮೂಲಕ ತಿಳಿಸುವುದೇನೆಂದರೆ ಎಸ್‌ಇಐಎಎ (ರಾಜ್ಯ ಮಟ್ಟದ ಪರಿಸರ ಅಂದಾಜೀಕರಣ ಪ್ರಾಧಿಕಾರ) ಇವರು ಮೆ: ಬಯೋಕಾನ್ ಲಿಮಿಟೆಡ್, ಪೈಲ್ ನಂ: ಎಸ್‌ಇಐಎಎ 70 ಐಎನ್‌ಡಿ 2020 ದಿನಾಂಕ: 19.06.2021 ರಲ್ಲಿ ಅವರ ಬಯೋಕಾನ್ ಲಿಮಿಟೆಡ್ ಹೆಸರಿನ ವಿಸ್ತರಣೆ ಘಟಕವನ್ನು ಬಯೋಕಾನ್ ಲಿಮಿಟೆಡ್, 20ನೇ ಕಿ.ಮೀ, ಹೊಸೂರು ರಸ್ತೆ, ಎಲೆಕ್ಟ್ರಾನಿಕ್ ಸಿಟಿ ಪೋಸ್ಟ್, ಬೆಂಗಳೂರು ನಗರ ಜಿಲ್ಲೆ, ಕರ್ನಾಟಕ ರಾಜ್ಯ-560100, ಇಲ್ಲಿ ಸ್ಥಾಪಿಸಲು ಪರಿಸರ ವಿಮೋಚನ ತಿದ್ದುಪಡಿ ಮಾಡಲಾದ ಪತ್ರವನ್ನು ನೀಡಿರುತ್ತಾರೆ. ಈ ಪರಿಸರದ ವಿಮೋಚನಾ ಪತ್ರವನ್ನು ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಟ್ಟದ ಪರಿಸರ ಅಂದಾಜೀಕರಣ ಪ್ರಾಧಿಕಾರದ ವೆಬ್‌ಸೈಟ್ (<http://seiaa.karnataka.gov.in>) & MoEF & CC (<http://environmentclearance.nic.in>) ಇಲ್ಲಿ ನೋಡಬಹುದಾಗಿದೆ ಹಾಗೂ ಈ ಪತ್ರದ ಪ್ರತಿ ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿಯಲ್ಲೂ ಲಭ್ಯವಿರುತ್ತದೆ.

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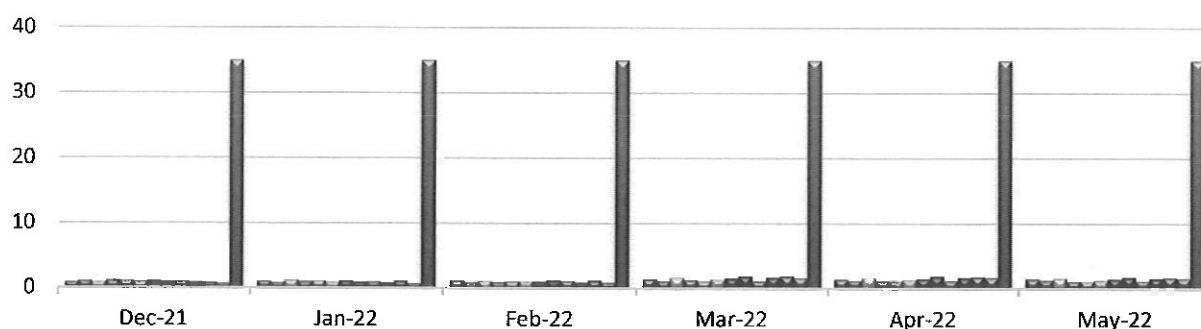
This is to inform the public that the SEIAA (State Level Environment Impact Assessment Authority) has issued Amended Environmental Clearance to M/s. Biocon Limited. File no. SEIAA 70 IND 2020 dated 19.06.2021 for its expansion of manufacturing capacity at Biocon Limited, 20th km, Hosur Road, Electronic City Post, Bengaluru Urban District, Karnataka State - 560100.

The Environmental Clearance issued by SEIAA is available in the official website of SEIAA, Karnataka (<http://seiaa.karnataka.gov.in>) & MoEF & CC (<http://environmentclearance.nic.in>) and copies are available with the State Pollution Control Board.

### ANNEXURE V – TREND ANALYSIS OF SCRUBBER STACK, AMBIENT AIR QUANLITY & AMBIENT NOISE LEVELS

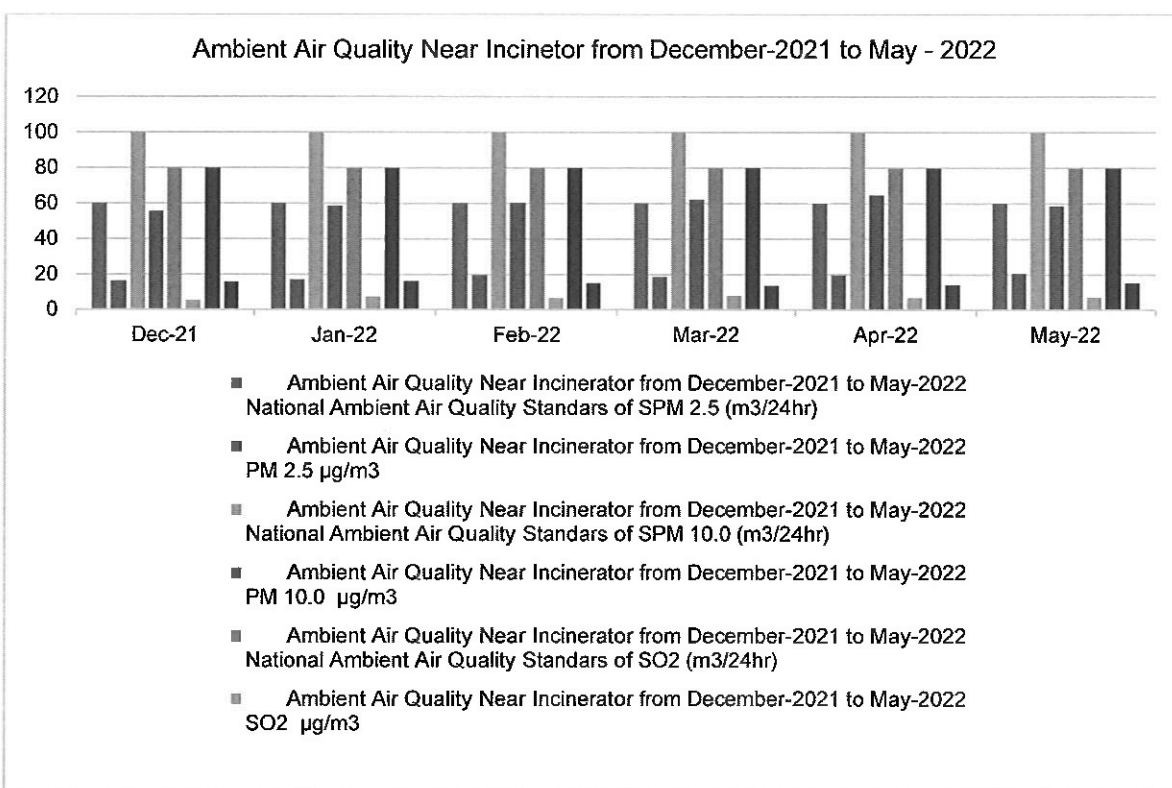
Month	SCE-SRB-001 mg/N m <sup>3</sup>	SCE-SRB-002 mg/N m <sup>3</sup>	SCE-SRB-003 mg/N m <sup>3</sup>	SCE-SRB-004 mg/N m <sup>3</sup>	SCE-SRB-005 mg/N m <sup>3</sup>	SCE-SRB-006 mg/N m <sup>3</sup>	SEP-PE-047 mg/N m <sup>3</sup>	SEP-PE-048 mg/N m <sup>3</sup>	SAP-PE-162 mg/N m <sup>3</sup>	SAP-PE-169 mg/N m <sup>3</sup>	BL-ES-003/10 mg/N m <sup>3</sup>	BL-ES-009/70 mg/N m <sup>3</sup>	Stand ard
Dec-21	0.92	1.05	0.87	1.14	1.09	0.97	1.04	0.95	1.01	0.86	0.82	0.66	35
Jan-22	1.02	0.83	1.18	0.96	1.13	0.86	1.12	0.87	0.95	0.78	1.06	0.74	35
Feb-22	1.13	0.92	1.06	0.88	0.96	1.01	1.02	1.17	1.09	0.85	1.18	0.85	35
Mar-22	1.41	1.11	1.67	1.25	1.06	1.4	1.55	1.91	1.06	1.71	1.83	1.59	35
Apr-22	1.36	1.22	1.59	1.18	1.07	1.36	1.48	1.86	1.15	1.66	1.78	1.63	35
May-22	1.44	1.27	1.53	1.09	1.13	1.27	1.51	1.77	1.20	1.59	1.72	1.58	35

#### Trend Analysis of Process Stack Scrubber , December-2021 to May-2022



- Trend Analysis of Process Stack Scrubber , December-2021 to May-2022 SCE-SRB-001 mg/Nm<sup>3</sup>
- Trend Analysis of Process Stack Scrubber , December-2021 to May-2022 SCE-SRB-002 mg/Nm<sup>3</sup>
- Trend Analysis of Process Stack Scrubber , December-2021 to May-2022 SCE-SRB-003 mg/Nm<sup>3</sup>
- Trend Analysis of Process Stack Scrubber , December-2021 to May-2022 SCE-SRB-004 mg/Nm<sup>3</sup>
- Trend Analysis of Process Stack Scrubber , December-2021 to May-2022 SCE-SRB-005 mg/Nm<sup>3</sup>
- Trend Analysis of Process Stack Scrubber , December-2021 to May-2022 SCE-SRB-006 mg/Nm<sup>3</sup>
- Trend Analysis of Process Stack Scrubber , December-2021 to May-2022 SEP-PE-047 mg/Nm<sup>3</sup>
- Trend Analysis of Process Stack Scrubber , December-2021 to May-2022 SEP-PE-048 mg/Nm<sup>3</sup>
- Trend Analysis of Process Stack Scrubber , December-2021 to May-2022 SAP-PE-162 mg/Nm<sup>3</sup>
- Trend Analysis of Process Stack Scrubber , December-2021 to May-2022 SAP-PE-169 mg/Nm<sup>3</sup>
- Trend Analysis of Process Stack Scrubber , December-2021 to May-2022 BL-ES-003/10 mg/Nm<sup>3</sup>
- Trend Analysis of Process Stack Scrubber , December-2021 to May-2022 BL-ES-009/70 mg/Nm<sup>3</sup>
- Trend Analysis of Process Stack Scrubber , December-2021 to May-2022 Standard

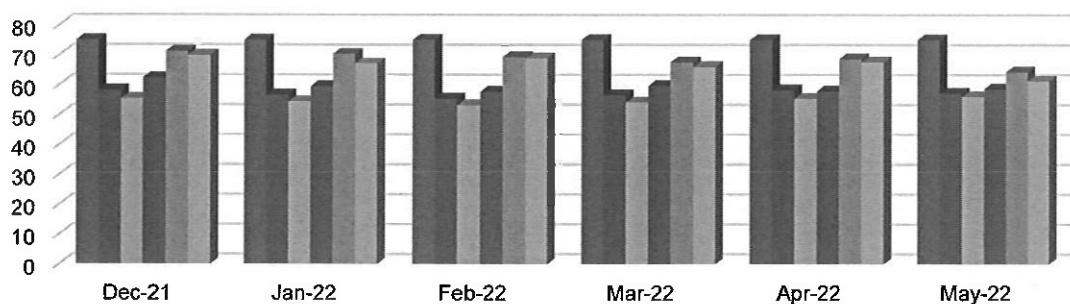
Ambient Air Quality Near Incinerator from December-2021 to May-2022								
Month	National Ambient Air Quality Standards of SPM 2.5 (m <sup>3</sup> /24hr)	PM 2.5 µg/m <sup>3</sup>	National Ambient Air Quality Standards of SPM 10.0 (m <sup>3</sup> /24hr)	PM 10.0 µg/m <sup>3</sup>	National Ambient Air Quality Standards of SO <sub>2</sub> (m <sup>3</sup> /24hr)	SO <sub>2</sub> µg/m <sup>3</sup>	National Ambient Air Quality Standards of NO <sub>2</sub> (m <sup>3</sup> /24hr)	NO <sub>x</sub> µg/m <sup>3</sup>
Dec-21	60	16.3	100	55.5	80	5.4	80	15.8
Jan-22	60	17.05	100	58.7	80	7.3	80	16.2
Feb-22	60	19.4	100	60.2	80	6.5	80	15.1
Mar-22	60	18.5	100	62.3	80	8.1	80	13.7
Apr-22	60	19.5	100	64.7	80	6.8	80	14.2
May-22	60	20.5	100	58.6	80	7.1	80	15.3





Trend Analysis of Noise Level During Day Time from December-2021 to May-2022						
Month	Standard dB	Incinerator Area	Utility Area	Main gate	Near Back Gate	SFP Department
Dec-21	75	58.2	55.4	62.3	71.2	69.9
Jan-22	75	56.7	54.4	59.5	70.3	67.1
Feb-22	75	55.5	53.3	57.7	69.3	68.9
Mar-22	75	56.6	54.2	59.7	67.6	66.1
Apr-22	75	58.3	55.4	57.9	68.7	67.6
May-22	75	57.2	56	58.7	64.3	61.2

Trend Analysis of Noise Level During Day Time from December-2021 to May-2022



- Trend Analysis of Noise Level During Day Time from December-2021 to May-2022 Standard dB
- Trend Analysis of Noise Level During Day Time from December-2021 to May-2022 Incinerator Area
- Trend Analysis of Noise Level During Day Time from December-2021 to May-2022 Utility Area
- Trend Analysis of Noise Level During Day Time from December-2021 to May-2022 Main gate
- Trend Analysis of Noise Level During Day Time from December-2021 to May-2022 Near Back Gate
- Trend Analysis of Noise Level During Day Time from December-2021 to May-2022 SFP Department

Trend Analysis of Noise Level During Night Time from December-2021 to May-2022						
Month	Standard dB	Incinerator Area	Utility Area	Main gate	Near Back Gate	SFP Department
Dec-21	70	48.2	46.6	45.1	57.7	52.6
Jan-22	70	47.5	45.6	46.2	56.7	55.9
Feb-22	70	46.6	47.8	48.2	57.6	56.7
Mar-22	70	47.3	47.8	50.2	55.3	53.4
Apr-22	70	46.5	48.5	47.6	57.3	55.5
May-22	70	47.3	46.6	48.2	52.2	50.6

