



Date: 27/11/2024

To,  
**The Director (S)**  
Ministry of Environment, Forest & Climate Change  
Regional Office (Southern Zone)  
Kendriya Sadan, 4<sup>th</sup> Floor, E&F Wings,  
17<sup>th</sup> Main Road, 2<sup>nd</sup> Block,  
Koramangala, Bangalore - 560 034

**Sub:** Submission of compliance to Environmental Clearance (EC) conditions along with half yearly monitoring reports-reg.

Ref: Our EC No: SEIAA:13:CON:2021 Dt: 11<sup>th</sup> January 2022

**Respected Sir,**

This is in reference to filing of the half yearly compliance report, here with this letter please find enclosed half yearly compliance report for the period April 2024 to September 2024 to the conditions of Environmental Clearance cited vide reference above.

Kindly accept and acknowledge the receipt of the same

Thanking you  
for Hubballi Durable Goods Cluster Pvt. Ltd.



**Authorized Signatory**

**Encl:** Half yearly compliance report as stated above

**Hubballi Durable Goods Cluster Private Limited**

Corporate Identity Number: U45309KA2020PTC141245

Registered Office: No. 55, Whitefield Main Road, Mahadevapura Post, Bengaluru - 560048, Karnataka, India

T: + 91 80 61348000 F: + 91 80 42495010

Website: [hubballi-durablegoodscluster.com](http://hubballi-durablegoodscluster.com)

**HALF YEARLY COMPLIANCE REPORT**  
**(PERIOD: April 2024 – September 2024)**

**OF**  
**DEVELOPMENT OF INDUSTRIAL ESTATE PROJECT**

**AT**  
**Sy. Nos. 10-13, 20-22, 24-34 of Ittigatti Village & Sy Nos. 210-214 of Gamanagatti Village, Dharwad Taluk & District**

**BY**  
**HUBBALLI DURABLE GOODS CLUSTER PVT. LTD.**

**PREPARED BY**  
**GANGA ENVIRO TECH (OPC) PVT LTD**  
**#7676, 2nd Floor, G G Complex, 4th Cross, Subhashnagar,**  
**Nelamangala, Bengaluru - 562123**

## Table of Content

Sl. No.	Particulars	Page No.
1.	Environmental Clearance.....	
2.	Compliance Report.....	1-16
3.	Annexures.....	

### ANNEXURES

Particular	Description
Annexure-1	CFE Copy
Annexure-2	Current status of the project is earmarked in the layout plan
Annexure-3	Investment Certificate
Annexure-4	AAQM Monitoring test reports
Annexure-5	DG Sets Photographs
Annexure-6	Source Emission Monitoring Test Reports
Annexure-7	Natural Drainage System
Annexure-8	Sewage Treatment Plant Analysis Reports
Annexure-9	Noise Monitoring Test Reports
Annexure-10	Greenbelt Area
Annexure-11	CER/CSR Activities
Annexure-12	Environmental Day Celebration
Annexure-13	Additional Details (Bore well water, RO water test reports)

ENVIRONMENTAL  
CLEARANCE

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive,  
and Virtuous Environmental Single-Window Hub)



Government of India  
Ministry of Environment, Forest and Climate Change  
(Issued by the State Environment Impact Assessment  
Authority(SEIAA), Karnataka)

To,

The Director  
AEQUS SEZ PRIVATE LIMITED  
No.55, Aequs Towers, ITPB - whitefield Main Road, Mahadevpura Post,  
Bangalore-560048. -583238

**Subject:** Grant of Environmental Clearance (EC) to the proposed Project Activity  
under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)  
in respect of project submitted to the SEIAA vide proposal number  
SIA/KA/MIS/67703/2021 dated 24 Sep 2021. The particulars of the environmental  
clearance granted to the project are as below.

- |   |  |
|---|--|
| 1. EC Identification No.                      | EC22B039KA164563                                 |
| 2. File No.                                   | SEIAA 13 CON 2021                                |
| 3. Project Type                               | New  |
| 4. Category                                   | B1   |
| 5. Project/Activity including<br>Schedule No. | 8(b) Townships and Area Development<br>projects. |
| 6. Name of Project                            | AEQUS SEZ PRIVATE LIMITED                        |
| 7. Name of Company/Organization               | AEQUS SEZ PRIVATE LIMITED                        |
| 8. Location of Project                        | Karnataka  |
| 9. TOR Date                                   | 28 Jul 2021                                      |

The project details along with terms and conditions are appended herewith from page  
no 2 onwards.

Date: 11/01/2022

(e-signed)  
Sri Vijay Mohan Raj V., IFS  
Member Secretary  
SEIAA - (Karnataka)

*Note: A valid environmental clearance shall be one that has EC identification  
number & E-Sign generated from PARIVESH. Please quote identification  
number in all future correspondence.*

*This is a computer generated cover page.*





## State Level Environment Impact Assessment Authority-Karnataka

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

No. SELAA 13 CON 2021

To,

Sri. Vikram S Annappa  
(Executive Director)  
M/s. Aequs Sez Private Limited  
No.55, Aequs Towers,  
ITPB — Whitefield Main Road,  
Mahadevpura Post, Bangalore - 560048

Sir,

Sub: Proposed Industrial Estate Development Project at Sy No.s 10-13, 20-22, 24-34 of Ittigatti Village & Sy No. 210-214 of Gamanagatti Village, Dharwad Taluk, Dharwad District by M/s. Aequs SEZ Pvt. Ltd.- Issue of Environmental Clearance - Reg.

\*\*\*\*\*

This has reference to your online application dated 8<sup>th</sup> February 2021 bearing proposal No. SIA/KA/MIS/60569/2021 and EIA report bearing proposal No. SIA/KA/MIS/67703/2021 dated 24<sup>th</sup> September 2021 addressed to SEIAA, Karnataka and subsequent letters addressed to SEIAA/SEAC Karnataka furnishing further information seeking prior Environmental Clearance for the above project under the EIA Notification, 2006. The proposal has been appraised as per the prescribed procedure in light of the provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., the Form I, Form IA, conceptual plans, EIA report and the additional clarifications furnished in response to the observations of the SEAC, Karnataka.

2. It is inter-alia, noted that M/s. Aequs SEZ Pvt. Ltd. have proposed for Industrial Estate Development on a plot area of 15,84,243 Sqm (391-19Acres). The total built up area is 6,37,038 Sqm. (Industrial - 5,15,048 Sqm + Residential - 1,21,990 Sqm). This proposal is industrial estate development project consists of 58 units of Industrial plots, 500 units of Residential apartments having G + 4UF and 672 units of Dormitories having G + 3 UF structure. Total parking space proposed is for 4,461 No's of Cars, 547 NO's of Trucks and 109 No's of Busses. Total water consumption is 1875 KLD (Fresh water + Recycled water). The total wastewater discharge is 1695 KLD. The project proponent has proposed to construct STP with capacity of 1500 KLD (2 No X 500 KLD + 2 No X 250 KLD) and ETP of capacity 1 No. X 300 KLD. The project shall have 10 No's X 1 MVA and 20 No's X 2 MVA of Backup Power Generators, as alternative source of power supply. The project cost for is Rs. 1897.00 Crores.

3. The project proposal was considered by SEAC during the meeting held on 29<sup>th</sup> May 2021 and got recommended for issue of ToR. The said recommendation was considered by SEIAA during the meeting held on 2<sup>nd</sup> July 2021 and decided to issue ToR. Accordingly ToR was issued vide letter dated 28.07.2021 for conducting Environment Impact Assessment (EIA) Study.

4. It is inter-alia noted that M/s. Aequs SEZ Pvt. Ltd. got the EIA study conducted by Mr. Muniraju G, S/o Sri. Gangappa, Ganga Enviro Tech, Ganga Dwaraka Layout, IV Cross, Subhash Nagar, Nelamangala, Bangalore -562 123 in respect of whom the Applicability of the Notification No. S.O 648 (E) dated 3<sup>rd</sup> March 2016 issued by the MoEF, Govt, regarding mandatory accreditation of Environmental consultant from NABET/QCI stands deferred in view of the interim order granted by Hon'ble High court of Karnataka in W.P. Nos 15026-15038/2016 (GM-RES) dated 21<sup>st</sup> March 2020. The EIA report was submitted on 27<sup>th</sup> September 2021.

5. Based on the information submitted by you, presentation made by you and your consultant Mr. Muniraju G, S/o Sri. Gangappa, the State Level Expert Appraisal Committee (SEAC) appraised the proposal in the meeting held on 22<sup>nd</sup> October 2021 and has recommended for issue of Environmental Clearance.

6. The SEIAA Karnataka after due consideration of the relevant documents submitted by the project proponent, additional clarifications furnished in response to its observations and the recommendation of the SEAC have in their meeting held on 14<sup>th</sup> December 2021, 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: -

**1. Statutory Compliance.**

- i) The project proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- ii) The approval of the Competent Authority shall be obtained for structural safety of the constructions due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightening etc.
- iii) The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of diversion of forest land for non forest purpose involved in the project.
- iv) The proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- v) 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.

- vi) The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
- vii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- viii) All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- ix) The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016 shall be followed.
- x) The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.

## II. Air quality monitoring and preservation

- i) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- ii) A management plan shall be drawn up and implemented to contain the current exceedance if any in ambient air quality at the site.
- 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>) covering upwind and downwind directions during the construction period.
- iv) Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
- v) Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
- vi) Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
- vii) Wet jet shall be provided for grinding and stone cutting.
- viii) Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.

- (ix) All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
- (x) The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to standards prescribed under Environmental (Protection) Rules for air and noise emission standards.
- (xi) The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.

### III. Water quality monitoring and preservation

- i) The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- ii) Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
- iii) Total fresh water use shall not exceed the proposed requirement as provided in project details.
- iv) The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
- v) A certificate shall be obtained from local body supplying water, specifying the total annual water availability with local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available, this should be specified separately for ground water and surface water sources, ensuring that there is no impact on the other users.
- vi) At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
- vii) Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
- viii) Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the project area.
- ix) Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.

- x) The project proponent shall identify a suitable source of treated water for construction and submit an MOU/Agreement with such suppliers. If so the supplier identified shall be responsible for treatment of water with appropriate technology to the standards required for construction purpose.
- xi) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016.
- xii) A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
- xiii) All recharge should be limited to shallow aquifer.
- xiv) No ground water shall be used during construction phase of the project.
- xv) Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
- xvi) The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
- xvii) Sewage shall be treated in the STP based on MBBR/SBR Technology with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing, landscaping and HVAC cooling. No treated water shall be discharged to municipal drain.
- xviii) No sewage or untreated effluent water would be discharged through storm water drains.
- xix) The existing water body, canals and rajakaluve and other drainage and water bound structures shall be retained unaltered with due buffer zone as applicable and maintained under tree cover.
- xx) Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
- xxi) Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
- xxii) Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public



Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

#### IV. Noise monitoring and prevention

- i) Ambient noise levels shall conform to residential area both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
- ii) Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- iii) Acoustic enclosures for DG sets, noise barriers for ground-ran bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
- iv) The project proponent shall ensure the time specification prescribed by the Hon'ble High Court of Karnataka in WP. No. 1958/2011 (LB - RES - PIL) on 04.12.2012 for different activities involved in construction work

#### V. Energy Conservation measures

- i) Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
- ii) Outdoor and common area lighting shall be LED.
- iii) Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
- iv) Energy conservation measures like installation of LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
- v) Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
- vi) Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

## VI. Waste Management

- i) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
- ii) Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- iii) Separate wet and dry bins must be provided and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
- iv) Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
- v) All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
- vi) Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- vii) Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
- viii) Fly ash should be used as construction material as per the provision of Fly Ash Notification of September, 1999 and amended as on 27<sup>th</sup> August, 2003 and 25<sup>th</sup> January, 2016. Ready mixed concrete must be used in construction.
- ix) Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.
- x) Used CFLs/TFLs/LED should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

## VII. Green Cover

- i) No tree cutting/transplantation should be carried out unless exigencies demand. Where absolutely necessary, tree transplantation shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
- ii) A minimum of 1 tree for every 80 Sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.

- iii) Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted).
- iv) Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.

#### **VIII. Transport**

- i) A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
  - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
  - b. Traffic calming measures.
  - c. Proper design of entry and exit points.
  - d. Parking norms as per local regulation.
- ii) Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during nonpeak hours.
- iii) A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of roads within a 5 km radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 5 km radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- iv) Provide at the main entrances bell gates, which are located at least 12' inside the boundary of the project to enable smooth flow of traffic on the main road leading to the entrance

#### **IX. Human health issues**

- i) All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- ii) All required sanitary and hygiene measures should be in place before starting construction activities and to be maintained throughout the construction phase. Sufficient number of toilets/bathrooms shall be provided with required mobile toilets, mobile STP for construction workforce





- iii) For indoor air quality the ventilation provisions as per National Building Code of India.
- iv) Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- 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.
- vii) A First Aid Room shall be provided in the project both during construction and operations of the project.

**X. Corporate Environment Responsibility**

- i) The project proponent shall comply with provision contained in OM vide F.No. 22-65/2017-[A,III] dated 20<sup>th</sup> October 2020, of the Ministry of Environment, Forest and Climate Change as applicable, regarding Corporate Environment Responsibility and shall execute the action plan of construction of CC roads for Ittigatti village, construction of toilet blocks for Govt. School project area villages, Solar Street Lights in project area villages, Greenary development in project area villages and Supply of computers to Govt. Schools in project area villages, as submitted vide letter dated on 24.10.2021.
- 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 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 stakeholders / 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. The project proponent enter into an agreement with the prospective buyers/ tenants to ensure that they maintain the cell and take care of all environment concerns during the operation phase of the project. In addition, sufficient fees should be levied so as to raise a corpus fund to maintain the Environment cell.
- 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 of Environment, Forest and Climate Change/Regional Office along with the Six Monthly Compliance Report.

#### **XI. Miscellaneous**

- i) The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
- 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.
- iii) The Project Proponent shall obtain the construction material such as stones and aggregates etc. only from the approved quarries and other construction material shall also be procured from the authorized agencies/traders.
- iv) The project proponent shall not use Kharab land if any for any purpose and keep available to the general public duly displaying a board as public property. No structure of any kind be put up in the Kharab land and shall be afforested and maintained as green belt only.
- v) The Project proponent shall build in infrastructure required for use of Piped Natural Gas (PNG) such as pipelines and space for installation of PNG distribution equipment for both domestic/commercial purpose and DG set and shall ensure that PNG is supplied for both commercial and for DG sets instead of other type of fuels.
- vi) 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.
- vii) 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.
- viii) 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](mailto:rosz.bng-mefcc@gov.in) Hard copy of HYCRs shall not be acceptable.
- ix) 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.

- x) The project proponent shall inform the Regional Office as well as the Ministry of Environment, Forest and Climate Change, 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.
- xi) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- xii) The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also that during their presentation to the Expert Appraisal Committee.
- xiii) No further expansion or modifications in the plan shall be carried out without prior Environmental Clearance from the competent authority.
- xiv) 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.
- xv) The State Level Environment Impact Assessment Authority, Karnataka may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xvi) The SEIAA, Karnataka reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xvii) 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.
- xviii) 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.
- xix) 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.

**Additional Condition:**

1. Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.
2. 25% of parking space shall have charging facility to enable charging of electric vehicles.
3. The project proponent shall ensure that tree planting/afforestation measures proposed in the EMP shall be strictly complied

Yours faithfully,

  
(Vijay Mohan Raj V)  
Member Secretary,  
SEIAA, Karnataka.

**Copy to:**

1. The Secretary, Ministry of Environment, Forests and Climate Change, Indira Paryavaran Bhavan, Jor Bagh Road, Aliganj, New Delhi - 110 003.
2. The Commissioner, Bruhat Bengaluru Mahanagara Palike (BBMP), N.R. Square, Bangalore - 560 002.
3. The Member Secretary, Karnataka State Pollution Control Board, Bengaluru.
4. The APCCF, Regional Office, Ministry of Environment & Forests (SZ), Kendriya Sadan, IV Floor, E & F wings, 17<sup>th</sup> Main Road, Korumangala II Block, Bengaluru - 560 034.
5. Guard File.

**Signature valid**

Digitally signed by S. Vijay Mohan  
Raj V., IFS  
Member Secretary  
Date: 1/11/2022 1:19:54 PM





## State Level Environment Impact Assessment Authority-Karnataka

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

No. SEIAA 13 CON 2021

Date: 03.08.2022

### TRANSFER OF ENVIRONMENTAL CLEARANCE

#### Preamble:

Attention is invited to Authority's letter No. SEIAA 13 CON 2021 (EC Identification No. EC22B039KA164563) dated 11.01.2022 regarding grant of Environmental Clearance for Proposed Industrial Estate Development Project at Sy No.s 10-13, 20-22, 24-34 of Ittigatti Village & Sy No. 210-214 of Gamanagatti Village, Dharwad Taluk, Dharwad District to M/s. Aequs SEZ Pvt. Ltd

The Project proponent vide letter received on 24.06.2022 have requested this Authority for Transfer of EC. Govt of Karnataka has issued a GO stating to transfer the proposal of allotment of land from M/s Aequs SEZ Private Limited to its fully Owned subsidiary, M/s Hubballi Durable Goods Cluster Private Limited. A Lease cum Sale agreement is also executed between KIADB and M/s Hubballi Durable Goods Cluster Private Limited. Therefore, the Project proponent requested to transfer the EC dated 11.01.2022 in favor of M/s Hubballi Durable Goods Cluster Private Limited.

The State Level Environment Impact Assessment Authority, Karnataka considered the request made by M/s. Aequs SEZ Pvt. Ltd during the meeting held on 19.07.2022 in the light of provision for "Transferability of Environmental Clearance (EC)" under para 11 of the Notification No. S.O. 1533(E) dated 14<sup>th</sup> September 2006. The Authority after discussion have decided to transfer the Environmental Clearance issued to Sri. Vikram S Annappa (Executive Director), M/s. Aequs Sez Private Limited, No.55, Aequs Towers, ITPB – Whitefield Main Road, Mahadevpura Post, Bangalore – 560048 vide letter No. SEIAA 13 CON 2021 (EC Identification No. EC22B039KA164563) dated 11.01.2022 in favour of M/s Hubballi Durable Goods Cluster Private Limited, No.55, Whitefield Main Road, Mahadevpura Post, Bangalore – 560048 on the same terms and conditions under which the prior Environmental Clearance has been granted and for same validity period.



...2

Hence the Order.

**ORDER**

Pursuant to the facts and circumstances in the preamble, the Environmental Clearance granted by our order No. SEIAA 13 CON 2021 2021 (EC Identification No. EC22B039KA164563) dated 11.01.2022 the name of the proponent may be substituted by M/s Hubballi Durable Goods Cluster Private Limited.



(Vijay Mohan Raj V)  
Member Secretary  
SEIAA Karnataka  
02/8/22

To,

M/s Hubballi Durable Goods Cluster Private Limited,  
No.55, Whitefield Main Road,  
Mahadevpura Post,  
Bangalore - 560048

Copy to:

1. The Secretary, Ministry of Environment & Forests and Climate Change Indira Paryavaran Bhavan, Jor Bagh Road, Aliganj, New Delhi-110 003.
2. The Director, Department of Mines and Geology, Khanija Bhavan, Race course road, Bangalore - 560 001.
3. The Member Secretary, Karnataka State Pollution Control Board, Bangalore.
4. The APCCF, Regional Office, Ministry of Environment & Forests (SZ), Kendriya Sadan, IV Floor, E & F Wings, 17th Main Road, Koramangala II Block, Bengaluru - 560 034.
5. M/s. Aequs Sez Private Limited. No.55, Aequs Towers, ITPB - Whitefield Main Road, Mahadevpura Post, Bangalore - 560048
6. Guard File.

**Environmental Clearance Compliance report  
(April 2024 to September 2024)**

**Hubballi Durable Goods Cluster Pvt. Ltd.**

**Sy. Nos. 10-13, 20-22, 24-34 of Ittigatti Village & Sy Nos. 210-214 of Gamanagatti Village,  
Dharwad Taluk & District**

**Environmental Clearance No: SEIAA/13/CON/2021**

**Dt: 11.01.2022**

SL.No.	EC CONDITIONS	COMPLIANCE
1	<p>This has reference to your online application dated 8<sup>th</sup> February 2021 bearing proposal No. SIA/KA/MIS/60569/2021 and EIA report bearing proposal No. SIA/KA/MIS/67703/2021 dated 24<sup>th</sup> September 2021 addressed to SEIAA, Karnataka and subsequent letters addressed to SEIAA/SEAC Karnataka furnishing further information/seeking prior Environmental Clearance for the above project under the EIA Notification, 2006. The proposal has been appraised as per prescribed procedure in the light of the provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., the Application Form-1, Form-1A, conceptual plan, EIA report and the additional clarifications furnished in response to the observations of the SEAC, Karnataka.</p>	<p>Noted and accepted.</p>
2	<p>It is inter-alia, noted that M/s. Hubballi Durable Goods Cluster Pvt. Ltd. have proposed for Industrial Estate Development on a plot area of 15,84,243 sq.m (391-19Acres). The total built up area is 6,37,038.00sqm (Industrial-5,15,048Sqm +Residential-1,21,990Sqm). This proposal is industrial estate development project consists of 58units of Industrial plots, 500 units of Residential apartments having G+4UF and 672units of Dormitories having G+3 UF structure. Total parking space proposed is for 4,461Nos. of cars, 547Nos. of Trucks and 109Nos. of Busses. Total water consumption is 1875KLD (Fresh Water + recycled water). The total wastewater discharge is 1695KLD. The project proponent has proposed to construct STP with capacity of 1500KLD (2Nos X 500KLD + 2Nos. X 250KLD) and ETP of capacity 1No. X 300KLD.The project shall have 10Nos. X 1MVA and 20Nos. X 2MVA of Backup Power Generators, as alternative source of power supply. The project cost is Rs.1897.00Crores.</p>	<p>The development of the project site is recently started.</p> <p>The company has obtained the CFE (Consent for Establishment) from the KSPCB (Karnataka State Pollution Control Board) for the development of the industrial estate and the copy of the same is enclosed as <b>Annexure-1</b>.</p> <p>Currently, it is constructed 2nos of industrial buildings, 1*500KLD STP (Modular Type) &amp; 1*2000KVA DG Set. The remaining development/construction activities such as internal road and drainages etc., are under process. The current status of the project is earmarked in the layout plan which is enclosed as <b>Annexure-2</b>.</p> <p>According to this the CFO fresh application is filed which is under process at the KSPCB Head Office, Bengaluru.</p> <p>The current investment made on the project is Rs. 495Crores and the investment certificate and the copy of the same is enclosed as <b>Annexure-3</b>.</p> <p>The responsibility for effluent treatment</p>

		lies with the individual unit generating the effluent. At present, M/s. Aequs Cookware Pvt. Ltd. and Aequs Consumer Products Private Limited Unit-3 manage their trade effluent through in-house treatment and recycle it within the same unit.
3	The project proposal was considered by SEAC during the meeting held on 29 <sup>th</sup> May 2021 and got recommended for issue of TOR. The said recommendation was considered by SEIAA during the meeting held on 2 <sup>nd</sup> July 2021 and decided to issue ToR. Accordingly ToR was issued vide letter dated 28.07.2021 for conducting Environment Impact Assessment (EIA) Study.	Noted and accepted.
4	It is inter-alia, noted that M/s Hubballi Durable Goods Cluster Pvt. Ltd. got the EIA study conducted Mr. Muniraju G, S/o Sri. Gangappa, Ganga Enviro Tech, Ganga Dwaraka Layout, IV Cross, Subhashnagar, Nelamangala, Bengaluru-562 123 in respect of whom the applicability of the Notification No. S.O.648(E) dated 3 <sup>rd</sup> March 2016 issued by the MOEF, GoI, regarding mandatory accreditation of Environmental consultant from NABET/QCI stands deferred in view of the interim order granted by Hon'ble High Court of Karnataka in W.P. Nos. 15026-1538/2016 (GM-RES) dated 21 <sup>st</sup> March 2020. The EIA report was submitted on 27 <sup>th</sup> September 2021.	Noted and accepted.
5	Based on the information submitted by you, presentation made by you and your consultant Mr. Muniraju G, S/o Sri. Gangappa, the State Level Expert Appraisal Committee (SEAC) appraised the proposal in the meeting held on 22 <sup>nd</sup> October 2021 and has recommended for issue of Environmental Clearance.	Noted and accepted.
6	The SEIAA Karnataka after due consideration of the relevant documents submitted by the project proponent, additional clarifications furnished in response to its observations and the recommendation of the SEAC have in their meeting held on 14 <sup>th</sup> December 2021, 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:-	Noted and accepted.
<b>I.</b>	<b>STATUTORY COMPLIANCE</b>	
i)	The project proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.	NOC has been obtained from Town & Country Planning Department has been submitted along with the previous compliance report. We have obtained for the approval of Building plan from KIADB Zonal Office Dharwad and the copy of the approval letter



		and plan has been submitted along with the previous compliance report. Also we commit to construct industrial buildings in line with local building byelaws.
ii)	The approval of the Competent Authority shall be obtained for structural safety of the constructions due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightening etc.	Structural design works is under progress as per governing laws and NBC only. Also we have obtained building stability certificates from authorized structural engineer have been submitted along with the previous compliance report.
iii)	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of diversion of forest land for non forest purpose involved in the project.	Not Applicable. There is no forest land diversion or usage is involved.
iv)	The proponent shall obtain a clearance from the National Board for Wildlife, if applicable.	There is no Wildlife/ Reservoirs/National forest/ Reserved forest in the surrounding area. Hence not applicable.
v)	The project proponent shall obtain Consent for Establish/Operate under the provision 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.	We have obtained CFE from the Board for development of industrial estate and the copy of the same is enclosed as <b>Annexure-1</b> .  Similarly, the CFO fresh application filed which is under process.
vi)	The project proponent shall obtain the necessary permission for drawl of ground water/surface water required for the project from the competent authority.	We have obtained ground water permission from KGWA (Karnataka Groundwater Authority) for drawl of ground water & the copy has been submitted along with the previous compliance report.
vii)	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.	Noted. The certificate of adequacy of available power is obtained from the HESCOM and the copy has been submitted along with the previous compliance report.
viii)	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department and Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.	Storage of diesel from Chief Controller of Explosives- NA. Fire Department NoC- Obtained the copy has been submitted along with the previous compliance report.  Civil Aviation Department- The NOC from the Civil Aviation Department is currently under process. A copy of the acknowledgment for the application submitted has been submitted along with the previous compliance report.

ix)	The provisions of the Solid Waste Management Rules, 2016, e-waste (Management) Rules, 2016 and the Plastics Waste Management Rules, 2016 shall be followed.	As the development of industrial estate is under progress, provisions will be made to comply with relevant sections of Solid waste management 2016 & Plastic waste management 2016.
x)	The project proponent shall follow the ECBC/ECBC-R prescribed by the bureau of Energy Efficiency, Ministry of Power strictly.	We always commit to adopt Energy Efficiency measures in all possible areas. We will incorporate ECBC/ECBC-R as prescribed by the bureau of Energy Efficiency in our development of IE.
<b>II.</b>	<b>AIR QUALITY MONITORING AND PRESERVATION</b>	
i)	Notification GSR 94(E) dated 25.01.2018 of MoEF & CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.	We are in the process of development/construction work. During the course of development of industrial estate we are committed to implement all necessary Dust Mitigation Measures as per the said notification.
ii)	A management plan shall be drawn up and implemented to contain the current exceedance if any in ambient air quality at the site.	As proposed in our EIA documents & EMP we don't have any industrial activity coming up which attracts EIA notification 2006. However in future if any such proposal comes, prior approval will be obtained by the respective unit as per the provisions of the EIA notification.
iii)	The project proponent shall install system to carry out 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> ) covering upwind and downwind directions during the construction period.	Monitoring was carried out during April 2024 to September 2024. During the monitoring period, it was observed that there is no exceedance of ambient air quality for the parameters like SO <sub>2</sub> , NO <sub>2</sub> , and PM <sub>10</sub> in all the monitoring area and all the parameters of the monitoring area are within the limits of AAQM standard. The latest monitoring test reports are enclosed as <b>Annexure-4</b> .
iv)	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environmental (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low Sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.	We will ensure that the DG sets proposed for backup power will be acoustically enclosed as per CPCB guidelines. The stack heights for the same are provided as per the standards. The fuel proposed to be used is of low sulfur content. The KSPCB has issued CFE based on the demarcation of the DG sets on the layout plan.

v)	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the sites as well as taking out debris from the site.	All the necessary barricades are provided in the construction site. We commit that no dust, smoke & other air pollutants will be going out of our premises in excess of the standards. Required covers as directed will be used for all vehicles carrying dust generating construction materials.
vi)	Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.	All the construction material will be stored at site with proper dust control measures to prevent dust pollution.
vii)	Wet jet shall be provided for grinding and stone cutting.	Not applicable. We are not involved in any grinding and cutting of stones within our SEZ premises.
viii)	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	Water spray to suppress dust is being incorporated and the photograph of the same is submitted along with previous compliance report.
ix)	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.	As our project is still under development process hence only construction debris may generate and there will be no any demolition work is need. However the waste generated during construction phase is being stored and disposed to low lying area within project premises.
x)	The Diesel generator sets to be used during construction phase shall be Low Sulphur diesel type and shall conform to standards prescribed under Environmental (Protection) Rules for air and noise emission standards.	About 100KVA and 500KVA temporary DG sets (Low Sulphur Diesel type) are being utilizing for construction phase by Hubballi Durable Goods Cluster Pvt. Ltd. and about 1no. of 2000KVA DG set is installed for operational purpose. The photographs of the same are enclosed as <b>Annexure-5</b> .
xi)	The gaseous emissions from DG Set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low Sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.	Will Ensure. The DG sets to be installed for backup power will be acoustically enclosed in accordance with CPCB guidelines. The stack heights is designed and provided as per the relevant standards. Additionally, the fuel to be used will have low sulfur content. An emission analysis report for the stack is enclosed as <b>Annexure 6</b> .
<b>III.</b>	<b>WATER QUALITY MONITORING AND PRESERVATION</b>	
i)	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check	The natural drainage system has been retained, ensuring the preservation of the existing drainage pattern. The system has been directed towards a

	dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.	rainwater harvesting pond, while a greenbelt has been developed along the periphery of the drainage system. Photographs showcasing the drainage system, water pond, and landscaping details are provided in <b>Annexure-7</b> .
ii)	Building shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.	Will Ensure. The contour of the existing land will be retained to the maximum extent. Cutting & filling will be very minimum.
iii)	Total fresh water use shall not exceed the proposed requirement as provided in project details.	Will Ensure. We will not exceed the proposed quantity.
iv)	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF & CC along with six monthly Monitoring reports.	We are internally maintaining the necessary records and will submit the same to RO, MoEF&CC as required.
v)	A certificate shall be obtained from local body supplying water, specifying the total annual water availability with local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available, this should be specified separately for ground water and surface water sources, ensuring that there is no impact on the other users.	Noted. Complied. The water supply approval certificate obtained from the local authority KGWA and the certificate has been submitted along with the previous compliance report.
vi)	At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.	Will Ensure. The same will be considered in compliance with local building bye-laws.
vii)	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc. and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.	As the treated sewage is proposed to be reused for onland for gardening and toilet flushing. The dual plumbing is considered only for toilet flushing purpose. The effluent generated will be completely recycled.
Viii)	Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low faucets tap aerators etc.) for water conservation shall be incorporated in the project area.	Will Ensure. The same will be implemented.
ix	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.	As it is an industrial area project, separation of grey & black water is not proposed. Instead both sullage & sewage will be conveyed in a single Under Ground Drainage (UGD) line to STP for treatment. Recirculation is planned for flushing by giving dual plumbing system. The same is under implementation.



x)	The project proponent shall identify a suitable source of treated water for construction and suitable an MOU/ Agreement with such suppliers. If so the supplier identified shall be responsible for treatment of water with appropriate technology to the standards required for construction purpose.	As the surrounding area is not so developed to get the treated water for development/construction purposes, the same will be used if available and feasible.
xi)	The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016.	Will Ensure. The same is considered in the design and will be implemented by providing the Rainwater harvesting ponds abutting to Nala of the site is provided and the photographs are submitted along with previous compliance report.
xii)	A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the competent Authority.	We have provided rain water harvesting ponds and all the rain water collected by the roof is connected to that water pond.
xiii)	All recharge should be limited to shallow aquifer.	Will Ensure. The same will be implemented.
xiv)	No ground water shall be used during construction phase of the project.	Noted and complied. The required quantity of water for construction phase is supplied through tankers. Hence, no ground water is being drawn from the borewell.
xv)	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from CGWA for any ground water abstraction or dewatering.	We have obtained ground water from KGWA for drawl of ground water & the copy has been submitted along with the previous compliance report.
xvi)	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance. The record shall be submitted to the Regional Office, MoEF & CC along with six monthly monitoring reports.	Will Ensure. We will maintain the necessary records and will submit the same to RO, MoEF & CC as required.
xvii)	Sewage shall be treated in the STP based on MBBR/SBR Technology with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/ reused for flushing, landscaping and HVAC cooling. No treated water shall be discharged to municipal drain.	Will Ensure. The same is considered in the design and will be implemented as approved.
xviii)	No sewage or untreated effluent water would be discharged through storm water drains.	Will ensure. We will not dispose either sewage or untreated effluent through storm water drains.
xix)	The existing water body, canals and rajakaluve and other drainage and water bound structures shall be retained unaltered with due buffer zone as applicable and maintained under tree cover.	Will Ensure. We will maintain the buffer all along the Nalas/water body as committed.

xx	Onsite sewage treatment of capacity of treating 100% Wastewater to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated wastewater shall be reused on site for landscape, flushing, cooling tower and other end uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change Natural treatment systems shall be promoted.	We have obtained approval for 1500KLD (2Nos X 500KLD + 2Nos. X 250KLD) STP capacity. Out of this currently we have installed a 1*500KLD STP (modular type) and remaining will be installed in phased manner w.r.t to sewage generation. The performance of the Sewage Treatment Plant (STP) has been evaluated by an independent expert and certified as satisfactory. The certification submitted along with previous compliance report.
xxi	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.	The analysis of treated sewage was recently conducted, and all parameters were found to be within permissible limits. The test reports are provided in <b>Annexure-8</b> .
xxii	Sludge from onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and sewage Treatment Systems, 2013.	The dried and stabilized sludge will be used within the industrial area for gardening as manure.
<b>IV.</b>	<b>NOISE MONITORING AND PREVENTION</b>	
i)	Ambient noise levels shall conform to residential area both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental Pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/SPCB.	Ambient noise levels are being monitored and records of the same are being maintained. All measures are being taken up to reduce the noise levels.
ii)	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Monitoring was carried out during April 2024 to September 2024. The latest Noise monitoring test reports are enclosed as <b>Annexure-9</b> .
iii)	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.	Will Ensure. The same will be complied with.
iv)	The project proponent shall ensure the time specification prescribed by the Honorable High Court of Karnataka in WP. No. 1958/2011 (LB-RES-PIL) on 04.12.2012 for different activities involved in construction work.	We ensure compliance to the specification prescribed by the Honorable High Court of Karnataka in WP. No. 1958/2011 (LB-RES-PIL) on 04.12.2012 for different activities involved in construction work.
<b>V.</b>	<b>ENERGY CONSERAVTION MEASURES</b>	
i)	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified	Will Ensure, Building design provisions are made to comply with ECBC code.

	their own ECBC, shall comply with the State ECBC.	
ii)	Outdoor and common area lighting shall be LED.	Will Ensure, design provision are made to use LED fixtures.
iii)	Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.	Will Ensure. The same will be implemented.
iv)	Energy conservation measures like installation of LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.	Will Ensure. The same will be implemented.
v)	Solar, wind or other renewable Energy shall be installed to meet electricity generation equivalent to 1 % of the demand load or as per the State level/local building bye-laws requirement, whichever is higher.	Will Ensure. The same will be implemented.
vi)	Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.	It is an industrial area development project. The applicable bye-laws will be considered.
<b>VI.</b>	<b>WASTE MANAGEMENT</b>	
i)	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.	We manage the waste generated in our premises directly in house or through private approved parties.
ii)	Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	Will Ensure. The generated construction waste will be stored separately and disposed to low-lying area within the IE & the photographs are submitted along with previous compliance report. There is no construction of buildings happening at the moment.
iii)	Separate wet and dry bins must be provided and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.	Will ensure segregation of different wastes will be done at the ground level & will be managed scientifically.
iv)	Organic waste compost/ vermiculture pit/ organic waste converter within the premises with a minimum capacity of 0.3kg/ person/ day must be installed.	We have not started canteen in the campus as of now, Organic waste converter/Bio-methenization/Bio-digester plant will be installed before start of canteen operation. Currently, low solid waste generation



		quantity and this waste is being composted within the premises and used for gardening and the photographs of the organic composting is submitted along with previous compliance report.
v)	All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.	Will ensure to comply with the same.
vi)	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.	Any hazardous waste generated during development/construction will be handled scientifically in a safe and secured manner and will be disposed in scientific way with necessary records.
vii)	Use of environmentally friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly-Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, compressed earth blocks, and other environmental friendly materials.	We will use environment friendly construction materials wherever possible.
viii)	Fly ash should be used as construction material as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in construction.	Will Ensure. Fly ash blocks will be utilized to the best possible extent.
ix)	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.	Construction/Demolition will be handled in house for filling up the low lying areas with all precautional measures.
x)	Used CFLs/TFLs/LED should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.	E-Wastes generated will be handled as per the E waste rules 2016 and further amendments and the waste will be disposed to authorized person only.
<b>VII.</b>	<b>GREEN COVER</b>	
i)	No tree cutting/transplantation should be carried out unless exigencies demand. Where absolutely necessary, tree transplantation shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).	In the whole of our proposed project there will be no major trees to be cut. Hence trees cut/transplantation is not applicable.
ii)	A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.	The total greenbelt area earmarked is 5, 22,800Sqm., out of which 3636.20Sqm of greenbelt area is developed currently and it will be increased in phased manner. The photograph of greenbelt area is enclosed as <b>Annexure-10</b> .
iii)	Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10	Tree cutting is not proposed in the project. Hence permission seeking is not applicable. However we propose to



	trees for every 1 tree is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted).	include local species in our green belt plan.
iv)	Topsoil should be stripped to a depth of 20cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.	Top soil wherever excavated will be stored separately and used for plantation purposes and the photographs are submitted along with previous compliance report.
<b>VIII.</b>	<b>TRANSPORT</b>	
i)	A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.	Will Ensure. The same will be complied.
a)	Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.	<ul style="list-style-type: none"> <li>• The project site is located in between Hubli and Dharwad and measures 11.20Km and from Hubli 12Km.</li> <li>• Bypass road is having 2-lanes undivided road and 60 m RoW is already available and NHAI shortly will take up the road widening process on either side within the earmarked RoW of 60 m.</li> <li>• The main connectivity from Hubli will be via Airport road and take turn at Tarihal interchange and to reach NH-4 bypass through toll.</li> <li>• The entry and exit to the project is provided from NH-4 bypass as per KIADB letter enclosed.</li> <li>• Similarly vehicles coming from Dharwad can enter to the bypass (NH-4) through Kalghattgi toll or by Narendra Toll plaza to reach the project site.</li> <li>• Vehicles coming from Hubli can use Gabbur toll plaza or Gokul road/ Hubli Airport road to use Tarihal interchange later to join bypass road after the toll.</li> <li>• When once these vehicles join to the bypass road where the direct access is given to project.</li> <li>• From Gokul road/ Hubli Airport road, vehicles can take various routes within the city to the destination.</li> <li>• As it is frozen to upgrade Nh-4, before and after the bypass to 10-lanes this particular stretch of bypass will be taken up in 2024, when the present concessioner completes his Term of</li> </ul>

		<p>Reference.</p> <ul style="list-style-type: none"> <li>In the widened of Hubli-Dharwad bypass (NH-4) to 10-Lanes. Then it may be required to connect with a parallel road from Hubli- Dharwad to reach the project location, after obtaining NHAI permission.</li> <li>If required, an auxiliary lane parallel to the NH-4 bypass and within the project area to prevent the queue formation if any for the future.</li> </ul>
b)	Traffic calming measures.	Will Ensure. The same will be complied, as proposed in our traffic study.
c)	Proper design of entry and exit points.	
d)	Parking norms as per local regulation.	
ii)	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during nonpeak hours.	Only PUC Certified vehicles are used for material transportation and the records will be maintained for the same. The movement of heavy vehicles will be only during nonpeak hours.
iii)	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of roads within a 5km radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 5km radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.	We will implement the same will be complied as proposed in our traffic study submitted as part of our EMP along with EIA report.
iv)	Provide at the main entrances bell gates, which are located at least 12' inside the boundary of the project to enable smooth flow of traffic on the main road leading to the entrance.	Bell gates will be provided at the main entrance for proper entry & exit of the vehicles.
<b>IX.</b>	<b>HUMAN HEALTH ISSUES</b>	
i)	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.	All workers & staffs are provided with required PPEs depending on the area of their work.
ii)	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase. Sufficient number of toilets/bathrooms shall be provided with required mobile toilets mobile STP for	Noted and complied. We have provided Sufficient number of toilets/bathroom and mobile STP for construction workforce.

	construction workforce.	
iii)	For indoor air quality the ventilation provision as per National Building Code of India.	Will Ensure. The same will be implemented in line with the said provisions.
iv)	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Will Ensure. The same will be implemented
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, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	The source of laborers is mainly from the local area, no temporary housing is provided for construction laborers in the project site. First aid medical facility is made available in the site.
vi)	Occupational health surveillance of the workers shall be done on a regular basis.	Regular health camps will be organized for health surveillance w.r.t occupational health of the workers.
vii)	A first-aid room shall be provided in the project both during construction and operations of the project.	First aid room is provided during development phase. However a full-fledged OHC will be done during operational phase.
<b>X.</b>	<b>CORPORATE ENVIRONMENT RESPONSIBILITY</b>	
i)	The project proponent shall comply with provision contained in OM vide F. No. 22-65/2017-IA. III dated 20 <sup>th</sup> October 2020, of the Ministry of Environment, Forest and Climate Change as applicable, regarding Corporate Environment Responsibility and shall execute the action plan of construction of CC roads for Ittigatti Village, construction of toilet blocks for Govt. School project area villages, Solar Street Lights in project area villages, Greenary development in project area villages and Supply of computers to Govt. Schools in project area villages, as submitted vide letter dated on 24.10.2021.	Since the development work of the project site is recently started. We will implement the necessary CER Activities within the completion of the project. However, we are implementing some CER/CSR activities continuously near by the project area under Aequs foundation. The copy of the same is enclosed as <b>Annexure-11</b> .
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 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 stakeholders/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.	The company has well laid out EHS Policy. The company has well defined system for reporting of infringement /deviation /violation of environmental condition; Board resolution for the same will be done in due course.



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. The project proponents enter into an agreement with the prospective buyers/tenants to ensure that they maintain the cell and take care of all environment concerns during the operation phase of the project. In addition, sufficient fees should be levied so as to raise a corpus fund to maintain the Environmental cell.	There is a separate Environmental Cell with qualified personal under the control of Senior Executive, who will directly report 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 of Environment, Forest and Climate Change/ Regional Office along with the Six Monthly Compliance Report.	Will Ensure. Recently the development/construction activities are started, hence the company will implement the EMP and environmental condition in upcoming days.
<b>XI.</b>	<b>MISCELLANEOUS</b>	
i)	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.	Advertisement regarding grant of environmental clearance was given in the local newspaper on 07.10.2022 and a copy of the same is submitted along with previous compliance report.
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.	The copy of environmental clearance is submitted to KIADB and the same is submitted along with previous compliance report.
iii)	The Project Proponent shall obtain the construction material such as stones and aggregates etc. only from the approved quarries and other construction material shall also be procured from the authorized agencies/traders.	Will purchase the construction materials such as cement, pavers, TMT Bars and PEB materials etc. from approved agencies/traders and the copy of the same is submitted along with previous compliance report.
iv)	The project proponent shall not use Kharab land if any for any purpose and keep available to the general public duly displaying a board as public property. No structure of any kind be put up in the Kharab land and shall be afforested and maintained as green belt only.	Nala in Gamanagatti village along which we have created buffer zone. Apart from this there is no kharab land as this is acquired and given by KIADB.
v)	The project proponent shall build in infrastructure required for use of Piped Natural Gas (PNG) such as pipelines and space for installation of PNG distribution equipment for both domestic/	Will ensure to implement the same.

	commercial purpose and DG set and shall ensure that PNG is supplied for both commercial and for DG sets instead of other type of fuels.	
vi)	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.	Complied. The EC conditions along with compliance and monitoring data is being uploaded in our official website and copy of the same is submitted along with previous compliance report.
vii)	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 environmental clearance portal.	Will Ensure. The Six Monthly Reports are being submitted regularly and the compliance report is uploaded in MOEF&CC portal & The copy of the same is submitted along with previous compliance report.
viii)	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 <a href="mailto:rosz.bng-mefcc@gov.in">rosz.bng-mefcc@gov.in</a> . Hard copy of HYCRs shall not be acceptable.	Noted and Complied.
ix)	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 Environmental (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Will ensure, once we get all the approval from KSPCB we will submit the form-5 regularly.
x)	The project proponent shall inform the Regional Office as well as the Ministry of Environment, Forest and Climate Change, 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.	Will ensure. It will be Complied.
xi)	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Will Ensure. For any further expansion or modifications we will take prior approval.
xii)	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also that during their presentation to the Expert Appraisal Committee.	Will Ensure. All the data submitted are facts/figures only.
xiii)	No further expansion or modifications in the plan shall be carried out without prior Environmental Clearance from the competent authority.	Agreed.
xiv)	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.	Agreed.
xv)	The State Level Environment Impact Assessment Authority, Karnataka may revoke or suspend the	Agreed, will Ensure to extent full Co-operation to the officers.

	clearance, if implementation of any of the above conditions is not satisfactory.	
xvi)	The SEIAA, Karnataka reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions.	Will Ensure. All the said conditions shall be enforced inter-alia with said provisions/Acts.
xvii)	The Regional Office of MOEF&CC shall monitor compliance of the stipulated conditions. The project authorities should extent full co-operation to the officer(s) of the Regional office by furnishing the requisite data/ information/monitoring reports.	Noted & Agreed.
xviii)	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.	Agreed & Being complied with. Six monthly compliance report on the conditions of the Environmental Clearance is being submitted regularly.
xix	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.
<b>ADDITIONAL CONDITION</b>		
i)	Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.	Will Ensure. The same will be implemented.
ii)	25% of parking space shall have charging facility to enable charging of electric vehicles.	As it is an industrial project, the same as required will be implemented.
iii)	The project proponent shall ensure that tree planting/ afforestation measures proposed in the EMP shall be strictly complied.	Noted and complied, We ensure strict compliance with the tree planting and afforestation measures outlined in the EMP. As part of this commitment, tree saplings were planted along the periphery of the nala during the Environmental Day celebrations. This initiative aligns with our efforts to enhance green cover and support ecological balance, demonstrating our dedication to the environmental obligations. The related document is enclosed as <b>Annexre-12</b> .

for **Hubballi Durable Goods Cluster Pvt. Ltd.**

Authorized signatory

---

# ANNEXURE 1



**Consent For Establishment (CFEs)**

**Consent No. CTE-331537 Valid upto: 02/06/2027**

**Karnataka State Pollution Control Board  
Parisara Bhavana, No.49, Church Street, Bengaluru-560001  
Tele : 080-25589112/3, 25581383  
Fax:080-25586321  
email id: ho@kspcb.gov.in**

Industry Colour: RED Industry Scale: LARGE

(This document contains 6 pages including annexure & excluding additional conditions)

**Consent Order No.** CTE-331537 **PCB ID:** 118889 **Date.** 03/06/2022

To,

The Applicant

Hubballi Durable Goods Cluster Private Limited

Sy.No.10-13, 20-22, 24-34 of  
Ittigatti Village, Dharwad Taluk  
& 210-214 of Gaman

Sir,

Sub: Consent to Establish under the Water (Prevention & Control of Pollution) Act, 1974 & the Air (Prevention & Control of Pollution) Act, 1981-reg.,

Ref: 1. CFE application submitted by the industry/organization on 09/03/2022 at Regional Office

2. Inspection of the project site by Regional Officer Dharwad on 13/04/2022

3.Proceedings of the ECM dated 18/05/2022 ,held on 05/05/2022

With reference to the above, Karnataka State Pollution Control Board hereby accords **Consent for Establishment** for new Activity under the Water (Prevention & Control of Pollution) Act, 1974 & the Air (Prevention & Control of Pollution) Act, 1981 at the location indicated below subject to the following terms & conditions.

**Location:**

Name of the Applicant: Hubballi Durable Goods Cluster Private Limited  
Address: Sy.No.10-13, 20-22, 24-34 of Ittigatti Village, Dharwad Taluk & 210-214 of Gamanagatti Village, Hubli Taluk, Dharwad-Dist  
Industrial Area: Not In I.A, Ittigatti & Gamanagatti,  
Taluk: Dharwad, District: Dharwad

**Conditions:**

- 1. This consent for establishment is valid up to 02/06/2027 from the date of issue.
- 2. The applicant shall not undertake expansion/diversification without the prior consent of the Board.
- 3. The applicant shall obtain necessary license/clearance from other relevant statutory agencies as required under the law.
- 4. This consent is granted considering the following activities:

Sr	Product Name	Applied Qty	Unit
1	development and operation of industrial estate along with residential project in 3,37,038sq.mtrs of area	1.0000	Number

**I. WATER CONSUMPTION:**

- 1. The source of water shall be from Borewell and total water consumption shall be as below.

Particulars	Water consumption(KLD)
Domestic Purpose	675.0
Domestic Purpose	900.0
Others .....	300.0

**II. WATER POLLUTION CONTROL:**

- 1. The discharge from the premises of the applicant shall pass through the terminal manhole/manholes where from the Board shall be free to collect samples in accordance with the provisions of the Act or Rules made there under.
- 2. The applicant shall treat the domestic wastewater from the factory in septic tank with soak pit. No overflow from the soak pit is allowed. The septic tank and soak pit shall be designed as per IS 2470 Part - I and Part- II
- 3. The applicant shall treat the domestic wastewater in the Sewage Treatment Plant (STP) as per the proposal submitted. It shall meet the standards specified in Annexure-I & shall be used on land for gardening/greenbelt within the factory premises.
- 4. The quantity of domestic waste water and trade effluent generated from the proposed industry shall not exceed the permitted quantity as indicated below



**Consent For Establishment (CFEs)****Consent No. CTE-331537 Valid upto: 02/06/2027**

**Karnataka State Pollution Control Board**  
**Parisara Bhavana, No.49, Church Street, Bengaluru-560001**  
**Tele : 080-25589112/3, 25581383**  
**Fax:080-25586321**  
**email id: ho@kspcb.gov.in**

Industry Colour: RED      Industry Scale: LARGE

(This document contains 6 pages including annexure &amp; excluding additional conditions)

**Discharge of effluents under the Water Act:**

Sl. No.	Description	Permitted Quantity of discharge in KLD	Mode/Place of disposal
1	Domestic Purpose	607.000	for Residential Domestic - treated in 250KLD & 500KLD STP and treated water is used for Gardening & Toilet flushing
2	Domestic Purpose	810.000	for Industrial Domestic - treated in 250KLD & 500KLD STP and treated water is used for Gardening & Toilet flushing
3	Others .....	278.000	The applicant shall insist individual allotted industries to set up ETP with prior permission of Board for treatment & disposal

5. The applicant shall treat the trade effluent in proposed ETP which consists of the following:

**STP & ETP details**

SINo	ETP/STP NO	ETP Code	Category Name	Capacity (Meter Cubic)	Units	Remarks
1	STP1	BS-	Bar Screen	1.00	2	screen chamber - 1.00m x 1.00m x 0.50m (swd)
2	STP2	BS-	Bar Screen	1.00	2	screen chamber - 1.00m x 1.00m x 0.50m (swd)
3	STP1	EQU	P-Equalization Tank	170.00	2	Equalization tank - 10.70m x 8.00m x 2.00m (swd)
4	STP2	EQU	P-Equalization Tank	85.00	2	Equalization tank - 8.0m x 5.5m x 2.00m (swd)
5	STP1	AER	S-AERATION TANK	334.00	2	Aeration cum Settling Tank (SBR) - 10m x 10m x 3.5m (swd)
6	STP2	AER	S-AERATION TANK	167.00	2	Aeration cum Settling Tank (SBR) - 8.0m x 7.0m x 3.0m (swd)
7	STP1	ANA	S-Anaerobic Digester	34.00	2	Anoxic Tank - 2.20m x 8.00m x 2.00m (swd)
8	STP2	ANA	S-Anaerobic Digester	17.00	2	Anoxic Tank - 1.60m x 5.50m x 2.00m (swd)
9	STP1	CLS	S-Sec Clarifier	167.00	2	Clarified Water Tank - 10.70m x 8.00m x 2.00m (swd)
10	STP2	CLS	S-Sec Clarifier	84.00	2	Clarified Water Tank - 7.0m x 6.0m x 2.00m (swd)
11	STP1	SDB	S-Sludge Dry Beds	60.00	4	Sludge Drying Bed - 6.00m x 10.00m (1m height) X 2Nos.
12	STP2	SDB	S-Sludge Dry Beds	24.00	4	Sludge Drying Bed - 6.00m x 4.00m (1m height) X 2Nos.



**Consent For Establishment (CFEs)**

**Consent No. CTE-331537 Valid upto: 02/06/2027**

**Karnataka State Pollution Control Board  
Parisara Bhavana, No.49, Church Street, Bengaluru-560001  
Tele : 080-25589112/3, 25581383  
Fax:080-25586321  
email id: ho@kspcb.gov.in**

Industry Colour: RED Industry Scale: LARGE

(This document contains 6 pages including annexure & excluding additional conditions)

13	STP1	SHT	S-SLUDGE HOLDING TANK	25.00	2	Sludge Holding Tank - 3.60m x 3.50m x 2.00m (swd)
14	STP2	SHT	S-SLUDGE HOLDING TANK	15.00	2	Sludge Holding Tank - 3.00m x 2.50m x 2.00m (swd)
15	STP1	STP	Sewage Treatment Plants	500.00	2	STP- 500 KLD 2 Nos.
16	STP2	STP	Sewage Treatment Plants	250.00	2	STP - 250 KLD 2Nos.
17	STP1	CFL	T-CARBON FILTER	1.00	2	Activated Carbon Filter - dia 1200mm, HOS 2000mm
18	STP2	CFL	T-CARBON FILTER	1.00	2	Activated Carbon Filter - dia 800mm, HOS 1000mm
19	STP1	SFL	T-SAND FILTER	1.00	2	Pressure Sand Filter - dia 1200mm, HOS 2000mm
20	STP2	SFL	T-SAND FILTER	1.00	2	Pressure Sand Filter - dia 800mm, HOS 1000mm
21	STP1	TER	Tertiary	167.00	2	Treated Water Tank - 10.70m x 8.00m x 2.00m (swd)
22	STP1	TER	Tertiary	1.00	2	Disinfection
23	STP2	TER	Tertiary	84.00	2	Treated Water Tank - 7.0m x 6.0m x 2.00m (swd)
24	STP2	TER	Tertiary	1.00	2	Disinfection
25	STP2	TER	Tertiary	0.00	0	

- The applicant shall ensure that the ETP will treat the effluent to the stipulated standards as indicated in Annexure-I
- The applicant shall not discharge any effluent outside the industry premises.
- The applicant shall provide separate flow meter for inflow & outflow of effluents through ETP and separate energy meter and shall maintain a logbook for hourly record of meter reading for the verification of inspecting officers
- The applicant shall discharge the effluents only to the place mentioned in the Consent order.

**III. AIR POLLUTION CONTROL:**

- The Source of emission, Stack height & Air Pollution Control (APC) measures shall be as specified in ANNEXURE-II.
- The applicant shall provide port holes for sampling of emission, access platforms for carrying out stack sampling, electrical points and all other necessary arrangements including ladder as indicated in Annexure-II.
- The applicant shall upgrade/modify/replace the control equipment with prior permission of the Board.

**Consent For Establishment (CFEs)****Consent No. CTE-331537 Valid upto: 02/06/2027****Karnataka State Pollution Control Board  
Parisara Bhavana, No.49, Church Street, Bengaluru-560001  
Tele : 080-25589112/3, 25581383  
Fax: 080-25586321  
email id: ho@kspcb.gov.in**

Industry Colour: RED Industry Scale: LARGE

(This document contains 6 pages including annexure &amp; excluding additional conditions)

**IV. NOISE POLLUTION CONTROL:**

The applicant shall ensure that the ambient noise levels within its premises during construction and during operational period shall not exceed w.r.t Area/Zone as per Noise Pollution (Regulation and Control) Rules, 2000 as mentioned below:-

- In Industrial Area 75 dB(A) Leq during day time and 70 dB(A) Leq during night time.
- In Commercial Area 65 dB(A) Leq during day time and 55 dB(A) Leq during night time.
- In Residential Area 55 dB(A) Leq during day time and 45 dB(A) Leq during night time.
- In Silence Zone 50 dB(A) Leq during day time and 40 dB(A) Leq during night time.

Note: - \* Day time shall mean 6 am to 10 pm and Night time shall mean 10 pm to 6 am.

- \* dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
- \* A “decibel” is a unit in which noise is measured.
- \* “A”, in dB(A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear.
- \* Leq: It is an energy mean of the noise level over a specified period.

**V. SOLID WASTE (OTHER THAN HAZARDOUS WASTE) DISPOSAL:**

- The applicant shall collect, treat and dispose off all solid waste generated from the process other than wastes covered under the Hazardous and other Wastes (Management & Transboundary Movement) Rules 2016, in such manner so as not to cause environmental pollution.
- The details of solid waste generated from the proposed plant and mode of disposal shall be as below.

Sr	Solid Waste Name/Type	Qty-Unit	Mode of Disposal
1	Residential Organic & Inorganic	2.7000 - M.T	OTH
2	Industrial Inorganic	5.0000 - M.T	OTH
3	Canteen	2.0000 - M.T	OTH
4	Garden Waste	0.6400 - M.T	OTH
5	STP sludge	0.2250 - M.T	OTH

**VI. HAZARDOUS AND OTHER WASTES (MANAGEMENT & TRANSBOUNDARY MOVEMENT) RULES 2016:**

- The applicant shall apply and obtain authorization under Hazardous and Other Wastes (Management & Transboundary Movement) Rules 2016, and comply with the provisions of the said Rules.

**VII. GENERAL:**

- The applicant shall transport and store the raw materials in a manner so as not to cause any damage to environment, life and property. The applicant shall be solely responsible for any damages to environment.
- The applicant shall not commission the proposed plant for trial or regular production unless necessary Water & air pollution control equipments are installed as specified in the Consent Order.
- The applicant shall ensure that the treatment plant and control equipments are completed and commissioned simultaneously along with construction of the factory and erection of machineries.
- The applicant shall not change or alter (a) raw materials or manufacturing process, (b) change the products or product mix (c) the quality, quantity or rate of discharge/emissions and (d) install/replace/alter the water or air pollution control equipments without the prior approval of the Board.
- The applicant shall immediately report to the Board of any accident or unforeseen act or event resulting in release of discharge of effluents or emissions or solid wastes etc. in excess of the standards stipulated. And the industry shall immediately take appropriate corrective and preventive actions under intimation to the Board.
- The Board reserves the right to review, impose additional condition or conditions, revoke, change or alter the terms and conditions.
- This CFE does not give any right to the Party/Project Authority/Industry to forego any other legal requirement, that is necessary for setting/operation of the plant.
- The applicant shall furnish pointwise compliance to the conditions given under this consent for establishment along with the application for Consent to operate.



**Consent For Establishment (CFEs)**

Consent No. CTE-331537 Valid upto: 02/06/2027

Karnataka State Pollution Control Board  
Parisara Bhavana, No.49, Church Street, Bengaluru-560001  
Tele : 080-25589112/3, 25581383  
Fax:080-25586321  
email id: ho@kspcb.gov.in

Industry Colour: RED Industry Scale: LARGE

(This document contains 6 pages including annexure & excluding additional conditions)

9. The applicant is liable to reinstate or restore, damaged or destroyed elements of environment at his cost, failing which, the applicant/occupier as the case may be shall be liable to pay the entire cost of remediation or restoration in advance an amount equal to the cost estimated by Competent Agency or Committee.

10. The applicant shall comply with all the Conditions and guidelines issued from time to time.

11. The applicant must create structure/facility for rain water harvesting and ground water recharge.

12. The applicant shall develop extensive green belt within the periphery of the plant.

13. This consent is issued without prejudice to Court Cases pending in any Hon'ble Court.

Please note that this is only consent for establishment issued to you to proceed with the formalities for establishment of the industry and does not give any right to proceed with trial/regular production. For this purpose, separate consents of the Board for discharge of liquid effluent and the emissions to the air shall have to be obtained by remitting prescribed consent fee. The application for consent has to be made 45 days in advance of commissioning for trial production of the plant.

The receipt of this letter may please be acknowledged.

Consent Fee paid : Rs. 2000000

**Note:**

The Conditions II(2),(6), III(2), IV(1), V(1) mentioned in the schedule are not applicable.

**Additional Conditions:**

II(2),(6), III(2), IV(1), V(1), VI(1) & VII(4) these conditions are not applicable.

The project authorities shall strictly comply with the conditions stipulated in Annexure I contains pages.

The CFE is issued as per the recommendations of the Enforcement Committee Meeting held on 5th May 2022 duly approved by Member Secretary & Hon'ble Chairman.

**COPY TO:**

1. The Environmental Officer, KSPCB, Regional Office, Dharwad for information and to inspect the industry during your next visit to the area.
2. Master copy (Dispatch).
3. Office copy.

**ANNEXURE- II**





**Consent For Establishment (CFEs)**

**Consent No. CTE-331537 Valid upto: 02/06/2027**

**Karnataka State Pollution Control Board  
Parisara Bhavana, No.49, Church Street, Bengaluru-560001  
Tele : 080-25589112/3, 25581383  
Fax:080-25586321  
email id: ho@kspcb.gov.in**

Industry Colour: RED Industry Scale: LARGE

(This document contains 6 pages including annexure & excluding additional conditions)

Chimney No.	Chimney attached to	Capacity/ KVA Rating	Minimum chimney height to be provided above ground level (in Mts)	Constituents to be controlled in the emission	Tolerance limits mg/NM3	Fuel	Air pollution Control equipment to be installed, in addition to chimney height as per col.(4)	Date of which air pollution control equipments shall be provided to achieve the stipulated tolerance limits and chimney heights conforming to stipulated heights.
1	Any Other .....	Backup Power generator - 20Nos. X 2MVA capacity - 33m AGL	33	PM,SO2,NOx	0,0,0	---	AEC	
2	Any Other .....	Backup Power generator - 10Nos. X 1MVA capacity - 30m AGL	30	PM,SO2,NOx	0,0,0	---	AEC	

Note:

AEC : Accoustic Enclosures

**LOCATION OF SAMPLING PORTHOLES, PLATFORMS, ELECTRICAL OUTLET.**

**1. Location of Portholes and approach platform:**

Portholes shall be provided for all chimneys, stacks and other sources of emission. These shall serve as the sampling points. The sampling point should be located at a distance equal to atleast eight times the stack or duct diameters downstream and two diameters upstream from source of low disturbance such as a Bend, Expansion, Construction Valve, Fitting or Visible Flame or rectangular stacks, the equivalent diameter can be calculated from the following equation.

$$\text{Equivalent Diameter} = \frac{2 (\text{Length} \times \text{Width})}{(\text{Length} + \text{Width})}$$

- The diameter of the sampling port should not be less than 100mm dia". Arrangements should be made so that the porthole is closed firmly during the non sampling period.
- An easily accessible platform to accommodate 3 to 4 persons to conveniently monitor the stack emission from the portholes shall be provided. Arrangements for an Electric Outlet Point of 230 V 15 A with suitable switch control and 3 Pin Point shall be provided at the Porthole location.
- The ladder shall be provided with adequate safety features so as to approach the monitoring location with ease.

FOR AND ON BEHALF OF KARNATAKA POLLUTION CONTROLBOARD

**Signature valid**

Digitally signed by  
Date: 2022.06.03 15:05:32 +05:30

ANNEXURE - I

Sub: Consent for Establishment (CFE) for development of Industrial Estate Development along with Residential project with total built up area of 6,37,038 SQM (Industrial 5,15,048 SQM & Residential 1,21,990 SQM) located at Sy. No. 10-13, 20-22, 24-34 of Ittigatti Village, Dharwad Taluk and Sy. No. 210-214 of Gammanagatti Village, Hubli Taluk, Dharwad District by M/s. Hubballi Durable Goods Cluster Private Ltd., -reg

Ref:

1. CFEst applications submitted at Regional Office, **Dharwad** with PCB Id **118889** dated: 02.02.2022.
2. Proceedings of the Enforcement Committee Meeting held on 05<sup>th</sup> May 2022.
- 3 This Office letter No.1285 dated 20.05.2022.
4. Project authorities reply letter dated 25.05.2022.

<<<>>>

With reference to the above, it is to be informed that, the Board hereby accords Consent for Establishment under the Provision of the Water (Prevention & Control of Pollution) Act, 1974 for development of Industrial Estate Development along with Residential project with total built up area of 6,37,038 SQM (Industrial 5,15,048 SQM & Residential 1,21,990 SQM) located at Sy. No. 10-13, 20-22, 24-34 of Ittigatti Village, Dharwad Taluk and Sy. No. 210-214 of Gammanagatti Village, Hubli Taluk, Dharwad District by **Hubballi Durable Goods Cluster Private Ltd.**, subject to the following conditions.

- I. Environmental Aspects and Management during the course of construction:**
- a) **This Consent for Establishment shall be valid for the period of 5 years or in Co-terminus with the validity of Environmental Clearance (EC) issued by State Level Environment Impact Assessment Authority-Karnataka vide No. SEIAA 13 CON 2021 dated 11.01.2022 and shall strictly adhere to the conditions stipulated in the Environmental clearance.**
  - b) The applicant should cover the project site from all sides by raising sufficiently tall barricades with sheets to prevent inter boundary transportation of pollutants.
  - c) The applicant shall arrange services like housing facility, water supply, sewage facilities on a temporary basis at construction site and same shall be maintained without any adverse impact on the environment.
  - d) The applicant shall control the movement of vehicles carrying construction Materials in order to avoid noise pollution in the surrounding.
  - e) The project proponent shall strictly adhere to the conditions stipulated in the Environmental clearance on 11/01/2022.
  - f) The applicant shall submit final approved plan from competent authority to the Board before taking up any construction activities.



- g) The applicant shall seek extension through a letter 45 days in advance of the expiry of validity period of CFE/CFExpn order with proper reasons for seeking such extension if required.
- h) The applicant to maintain 5 rows of plantation along the boundaries of the industrial area and to see that only green category industries are allotted towards the adjoining village limits.
- i) The applicant shall not take expansion/diversification without the prior consent of the Board.
- j) The applicant shall obtain necessary licence/clearance from their relevant agencies before taking up construction.
- k) This CFE is issued only from the point of water pollution control only and does not have any relevance over land dispute, any pending cases Departments/Hon'ble Courts. with any
- l) The applicant shall control the movement of vehicles carrying construction materials in order to avoid noise and dust pollution in the surroundings.
- m) **The applicant shall strictly adhere to the Zoning Regulation with respect to buffer zone towards any Lake, Nala, drain or any other water bodies as per the local planning authority guidelines.**
- n) The applicant shall submit final approved plan from competent authority to the Board before taking up any developmental activities/ constructions.

## II. WATER CONSUMPTION:

1. The water consumption shall not exceed **1875 KLD and this will be met from KIADB & Bore well**. The applicant shall obtain necessary permission from competent authority and submit at the time of making application for Consent for Operation.
2. No ground water to be drawn without permission from the Central/State Ground Water Authority.
3. Separation of grey and black water should be done by way of dual plumbing line for separation of grey and black water.

## III. WATER POLLUTION CONTROL:

1. The total quantity of sewage shall not exceed **1417 KLD**. The domestic waste water generated from individual industries and residential facilities will be treated in the Common Sewage treatment plants of capacities are 2 x 250 KLD & 2 x 500 KLD (**total 1500 KLD capacity**) and treated water is to be used for secondary purposes including gardening and flushing and other secondary purposes.
2. The applicant shall stipulate a condition in their Lease deed to obtain Separate Consent of the Board for individual allotted industries and also the trade effluent generated from individual allotted industries has to set up their own facility for treatment and disposal of trade effluent with ZLD capacity as per norms of KSPCB. The applicant shall supply total quantity of 300 KLD to individual allotted industries for process consumption.



3. The applicant shall provide individual flow meters from the individual allotted industries for proper flow monitoring of raw sewage before taking it for treatment.
4. As per the proposal furnished by the authorities, the Common Sewage treatment plant (CSTP) shall have following line of treatment system.

Capacity: 2 x 250 KLD & 2 X 500 KLD.

- i. Bar Screen
  - ii. Equalization Tank.
  - iii. Anoxic tank.
  - iv. Aeration tank cum settling tank (SBR)
  - v. Clarified water tank.
  - vi. Pressure sand filter & Activated carbon filter.
  - vi. Treated Water tank.
  - viii. Sludge drying beds.
  - ix. Disinfection by UV & Chlorination.
5. The applicant shall treat the sewage effluents to the standards mentioned below in Common Sewage treatment plant of total capacity 1500 KLD before using the same for on land for irrigation/gardening.

**OUTLET STANDARDS FOR TREATED SEWAGE EFFLUENT TO BE USED FOR ONLAND IRRIGATION/RE-USE WITHIN THE PREMISES**

Sl. No	Parameter	Prescribed Standards	Sl. No	Parameter	Prescribed Standards
01.	pH	6.5 – 9.0	05.	NH <sub>4</sub> -N (mg/l)	Not more than 5
02.	BOD <sub>3</sub> at 27°C (mg/l)	Not more than 10	06.	N-Total (mg/l)	Not more than 10
03.	COD (mg/l)	Not more than 50	07.	Fecal Coliform (MPN/100 ml).	Less than 100
04.	TSS (mg/l)	Not more than 20			

6. The applicant shall adopt Zero liquid discharge plant and there shall not any discharge of effluent/sewage outside the premises.
7. The applicant shall earmark test bore wells in and around the industrial areas in all directions in consultation with RSEO (Dharwad) and take up monitoring of water quality prior to establishment of the industrial area as well as after formation. The monitoring shall be carried out once in 3 months from MOEF accredited laboratory. The reports shall be submitted to the RO(Dharwad) as well as to the Board.
8. The applicant shall carryout Ambient air quality monitoring considering the predominant wind direction once in 3 months for the parameters as per National Ambient air quality standards specified in Environmental (Protection) Rules. The reports shall be submitted to the RO(Dharwad) as well as to the Board.
9. The applicant shall explore separation of sullage and sewage and make separate proposal for Treatment & utilization for secondary proposes other than drinking usage.



#### IV. AIR POLLUTION CONTROL:

The applicant shall provide Air pollution control equipment for the Common utilities & other Air pollution sources mentioned in Annexure-I. After the allotment of plots to individual industries, there may be different air pollution sources depending on the manufacturing process, product manufacturers etc, for which individual industries has to provide required air pollution control equipments as per the conditions stipulated by the Board in their respective Consent. A condition may be stipulated in the Sale/Lease deed in this regard by all industries.

#### V. NOISE POLLUTION CONTROL:

1. The applicant shall ensure that the ambient noise levels within its premises during construction and during operational period to the noise level as tabulated below as per Noise Pollution (Regulation and Control) Rules, 2000:

Area code	Category of Area/Zone	Limit in dB(A)leq	
		Day Time	Night Time
(A)	Industrial Area	75	70
(B)	Commercial Area	65	55
(C)	Residential Area	55	45
(D)	Silence Zone	50	40

#### VI. SOLID WASTE DISPOSAL:

1. The applicant shall earmark sufficient place for segregation, processing and management of the bio-degradable solid waste generated from the Industrial layout.
2. The organic waste shall be processed only inside industrial area and the same shall be subjected to Bio-methanization process and the Bio gas generated shall be used either for generation of power or for the heating purposes. The complete technical details shall be furnished within 90 days
3. The inorganic waste shall be handed over to the authorized persons only with proper documentation.
4. **The applicant shall strictly follow the Government Notification No. FEE 17 EPC 2012 Bangalore dated 11.03.2016 with regard to plastic ban.**
5. The applicant shall collect, treat and dispose of all solid waste generated during construction i.e. Muck, and Garbage after construction if any in such a manner so as not to cause environmental pollution.

#### VII. CONSTRUCTION AND DEMOLITION WASTE:

1. **The applicant shall strictly follow Construction & Demolition Waste Management Rules, 2016.**
2. The applicant shall collect and dispose of all solid waste generated during construction in a scientific way so as not to cause environmental pollution in the surrounding area.
3. The applicant shall ensure that the C & D waste shall be free from plastics and other organic matter.



4. The C&D waste generated during the development/construction phase shall be handed over only to the C & D waste processing facility which has the valid Consent/Authorization of the Board.
5. Records pertaining to the generation, transportation of C&D waste including vehicle numbers, invoices/payment receipts shall be maintained and furnished to the board once in 03 months. In case there is no such waste generated/transported 'Nil' returns with a signature of the authorized persons shall be furnished.
6. At no instances the waste shall be disposed illegally by dumping in valley, lakes or any other places directly or through the transporter. The generator will be held responsible for such violations even if done by the transporter and is liable for legal actions.
7. The applicant shall explore the use of sand from crushed demolition waste, manufactured sand instead of river sand.
8. The trucks entering and exiting the site shall be subjected to "wheel and trucks bottom washing" with a permanent arrangement and to reuse the waste water again.

#### **VIII. HEALTH & SAFETY:**

1. The applicant shall provide all necessary healthcare facilities to workers with personal protective measures to avoid spreading of COVID like virus outbreak and shall carry out routine health survey among workers.
2. The waste generated during the COVID period like Masks, Gloves and protective covers shall be packed separately without mixing with the other garbage and shall be disposed off separately to the common Bio-Medical waste management facilities.
3. The used sanitary napkins shall be packed separately and handed over to the civic authorities for the safe disposal of the same.
4. The applicant shall provide all safety measures including personal protective equipment to workers during construction.
5. Precaution shall be taken to avoid any personnel coming in contact with the Methane gas generated from the STP/Bio gas plant. Necessary protective equipment with prescribed calibration shall be made available at all times.

#### **IX. Project Specific conditions:**

1. Common Sewage treatment plant(CSTP) shall mandatorily install inlet and outlet sensors with common platform for data transfer.
2. The authorities shall provide proper scientific piping network for individual industries to Common Sewage Treatment plant CSTP.
3. The applicant shall provide inlet flow meter to CSTP from individual industrial sheds regarding quantification of trade effluent and sewage entering into CSTP.
4. The applicant shall maintain scientific log book for collection, treatment and disposal of treated domestic sewage.
5. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc., and other for supply of recycled water for flushing, landscape, irrigation and bathing etc., and other for supply of recycled water





for flushing, landscape, irrigation, car washing, cooling, conditioning etc., shall be done.

6. The applicant shall adopt Solar energy harvesting measures by installing Solar water heaters, solar lighting for road side and on all common area lighting.
7. The applicant shall harvest Solar energy by installing roof top Solar panels to minimize grid energy in phase wise to become sustainable project.
8. The applicant shall earmark separate Solid Waste management area for collection, storage and management of Solid waste viz., Organic, inorganic, E-Waste & Hazardous Waste generated from this industrial Estate.
9. The applicant shall have dedicated Environmental Management Cell headed by qualified and experienced Environmental professional to look after the issues of Environmental management inside and outside the Industrial Estate.
10. The applicant shall provide wooded buffer zone by taking up of 5 rows tall growing local species all along the boundary of the project site.

**X. GENERAL:**

1. The applicant shall adopt rain water harvesting and details with drawings shall be furnished within a month.
2. The industrial units in the industrial area and the associated facilities shall be strictly in accordance with the norms laid down by the Karnataka State Government and Board.
3. The existing water body, canals and rajakaluve and other drainage and water bound structures if any shall be retained unaltered with due buffer zone as applicable and maintained under tree cover.
4. The natural sloping pattern of the project site other than the area excavated for the purpose of construction of proposed building shall remain unaltered and the natural hydrology of the area be maintained as it is to ensure natural flow of storm water.
5. Lakes and other water bodies within and/or at the vicinity of the project area shall be protected and conserved.
6. The excess water beyond rain water harvesting shall be let into recharge pits of sufficient numbers. The design details shall be furnished within a month.
7. The applicant must create structure/facility for rain water harvesting and ground water recharge pits to facilitate the increase of ground water table.
8. The provision of Energy Conservation Building code, 2006 shall be fully complied with.
9. The project authority shall ensure that no water bodies are polluted due to project activities and the nala/water bodies if any within the project areas are well protected with sufficient buffer.



10. The industrial units in the industrial area and the associated facilities shall be strictly in accordance with the norms laid down by the Karnataka State Government and Board.
11. The project authorities shall strictly adhere to the commitments made with regard to establishment of CSTP, buffer zone, green belt conditions to be incorporated in the lease document while allotting plots to individual industries, environment safety aspects etc.,
12. The existing water body, canals and Rajakaluve and other drainage and water bound structures if any shall be retained unaltered with due buffer zone as per Local Planning Authority Zoning Regulations.
13. The project authority shall implement all the recommendations made in the Environmental Impact Assessment/EMP report and risk assessment report.
14. The project proponent shall ensure that the greenery of the area is maintained. Further 33% of the project area shall be dedicated for green belt development. The local Forest Department shall be associated for this purpose and requisite budget earmarked.
15. Adequate measures should be taken to prevent odour problem from solid waste processing plant and CSTP.
16. The project authorities shall bifurcate the industrial plots and residential plots if any with a thick and tall vegetative barrier green belt.
17. The project authority shall incorporate a condition in the prospective lease/sale deed/Agreement with individual industries that they also shall abide by the conditions of the E.C. & individual industries shall obtain separate CFE & CFO by submitting their project details from the Board.
18. The applicant must create structure/storage facility for rain water harvesting and ground water recharge.
19. The applicant shall implement the Environmental Management Plan during construction and after construction as given under EMP report.
20. The applicant shall not change or alter (a) building plan (b) the quality, quantity or rate of discharge/ emissions and (c) install/replace/alter the water or air pollution control measures without the prior approval of the Board.
21. The applicant shall immediately report to the Board of any accident or unforeseen act or event resulting in release of discharge of effluents or emissions or solid wastes etc., in excess of the standards stipulated, and the applicant shall immediately take appropriate corrective and preventive actions under intimation.
22. Exact date of commissioning of the Effluent treatment plant & Common sewage treatment plant shall be informed to this Board 45 days in advance so as to make necessary inspection of the plant and the pollution control measures provided by the applicant.
23. The Board reserves the right to review, impose additional condition or conditions, revoke, change or alter the terms and conditions.



24. This CFE does not give any right to the Party/Project Authority to forego any legal requirement, which is necessary for setting/operation of the project.
25. The application shall adopt Eco-sanitation system in the project.
26. No further expansion or modifications of the industrial area shall be carried out without prior approval of the SEIAA/Ministry of Environment and Forests as the case may be.
27. The applicant is liable to reinstate or restore, damaged or destroyed elements of environment at his cost, failing which, the applicant/occupier as the case may be shall be liable to pay the entire cost of remediation or restoration and pay in advance an amount equal to the cost estimated by Competent Agency or Committee.
28. The project authorities shall adopt green building concept.
29. The CFE is issued without prejudice to the Court case pending in any Hon'ble Court.
30. The applicant shall implement the Environmental Management Plan during construction and after construction as given under EMP and the details shall be furnished.
31. The applicant shall arrange for alternate power supply in the form of D.G.Set to run and operate the essential units of sewage treatment plant, in event of brake down of regular supply. The applicant shall dispose of used oil, oil soaked waste including oil filters which generates from servicing of DG sets to KSPCB authorized recyclers
32. This CFE does not give any right to the Party/Project Authority to forego any legal requirement, which is necessary for setting/operation of the project.
33. The project authorities shall dispose scientifically the Bio-Medical waste and electronic waste to authorized common disposal facility and authorized recyclers respectively by entering into agreement as per new Bio Medical Waste Management Rules, 2016 and E- Waste (Management) Rules, 2016. If any generation of Bio Medical Wastes & E- Waste in the industrial layout.
34. The project authorities shall not use Kharab land if any for any purpose and keep available to the general public duly displaying a board as public property. No structure of any kind be put up in the Kharab land and shall be afforested and maintained as green belt only.
35. The applicant is liable to reinstate or restore, damaged or destroyed elements of environment at his cost, failing which, the applicant/occupier as the case may be shall be liable to pay the entire cost of remediation or restoration and pay in advance an amount equal to the cost estimated by Competent Agency or Committee.
36. The CFE is issued without prejudice to the Court case pending in any Hon'ble Court.
37. The applicant shall take all necessary steps not to cover the storm water drains within the vicinity of the project site & are desilted & kept clean at all times.
38. No sewage, solid waste and C & D waste should be put in the storm water drains and these drain should be encroachment free.



39. The project proponent shall provide necessary electrical charging facilities for battery operated vehicles in the car parking area.
40. *Monthly monitoring of Ambient Air and Noise Quality shall be conducted and report shall be furnished.*
41. There shall not be any public complaint against the project on Air, Noise and Water Pollution, in case of the any complaint the applicant shall stop the construction activity and shall take appropriate measures before resuming construction activity with due information to the Board.
42. The applicant shall submit Half Yearly Consent Conditions Compliance Report to the Regional & Board Office as per schedule mentioned here in – April to September months to be submitted before 31<sup>st</sup>October, while October to March to be submitted before 30<sup>th</sup>April.
43. The data on number and type of trees available in the proposed project site and number of trees which are going to be cut shall be submitted within 30 days. For any tree cutting the permission shall be obtained from the competent authority and copy shall be furnished to Board.
44. The applicant shall obtain prior permission from CGWA (Central Ground Water Authority) before digging bore well in the premises.
45. The applicant shall seek extension through a letter 30 days in advance of the expiry of validity period of CFE order with proper reasons for seeking such extension if required otherwise CFE period will become null and void and the file will be treated as closed. Then the applicant has to apply for fresh CFE.
46. This CFE is issued as per the recommendation of **Enforcement Committee Meeting held on 5<sup>th</sup> May 2022** duly approved by Member Secretary & Chairman and as per Board Office Proceedings No. 1230 dated 18/05/2022 .
47. The Industrial Estate authorities were instructed to allot compatible industries in the surrounding areas.
48. Non Compliances to conditions stipulated, Board has the right to withdraw the consent.

Please note that separate Consent for operation of the Board for discharge of liquid effluent & emissions shall be obtained by remitting prescribed consent fee. The application for Consent has to be made 45 days in advance to completion of Industrial Estate. Issue of Consent will be considered only after completion of Effluent treatment plant & Common sewage treatment plant, solid waste management facilities and adoption of complete treated waste water utilization system.

The receipt of this letter may please be acknowledged.

For and on behalf of  
Karnataka State Pollution Control Board



**Table – 2**

Sl. No.	Source of Air Pollution	Requisite Air Pollution Control	Emission Constituents to be controlled	Tolerance limits mg/Nm <sup>3</sup>
1	1 MVA DG Set x 10 Nos.	Individual chimney height of 30 m AGL with good quality Acoustic enclosures having minimum insertion loss of 25dB(A)Leq	NO <sub>x</sub> * NMHC** PM *** CO ****	710 100 75 150
2	2 MVA DG Set x 20 Nos.	Individual chimney height of 30 m AGL with good quality Acoustic enclosures having minimum insertion loss of 25dB(A)Leq	NO <sub>x</sub> * NMHC** PM *** CO ****	710 100 75 150

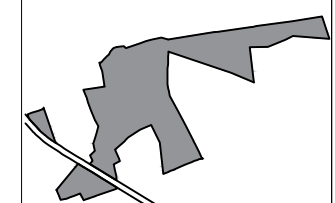
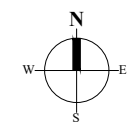
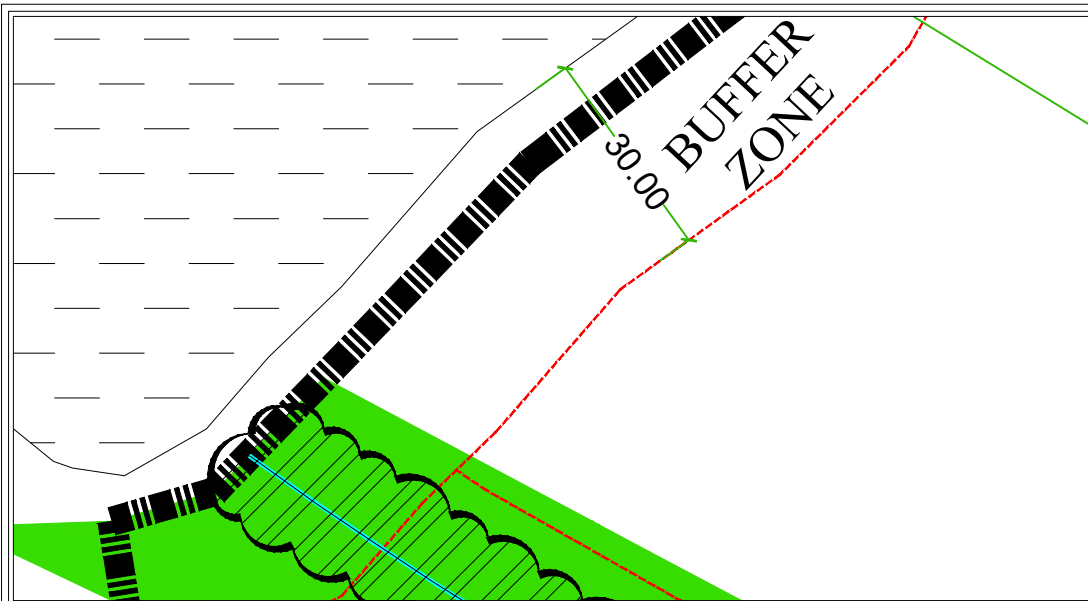
**Note 1:** The noise levels shall not exceed 75 dB (A) leq. and 70 dB(A) leq. during day time and night time respectively.

**Note 2:**

- \* (as NO<sub>2</sub>) (at 15% O<sub>2</sub>) dry basis in ppm
- \*\* (as C) (at 15% O<sub>2</sub>), mg/Nm<sup>3</sup>
- \*\*\* (at 15% O<sub>2</sub>), mg/Nm<sup>3</sup>
- \*\*\*\* (at 15% O<sub>2</sub>), mg/Nm<sup>3</sup>

---

# ANNEXURE 2



KEY PLAN (NOT TO SCALE)

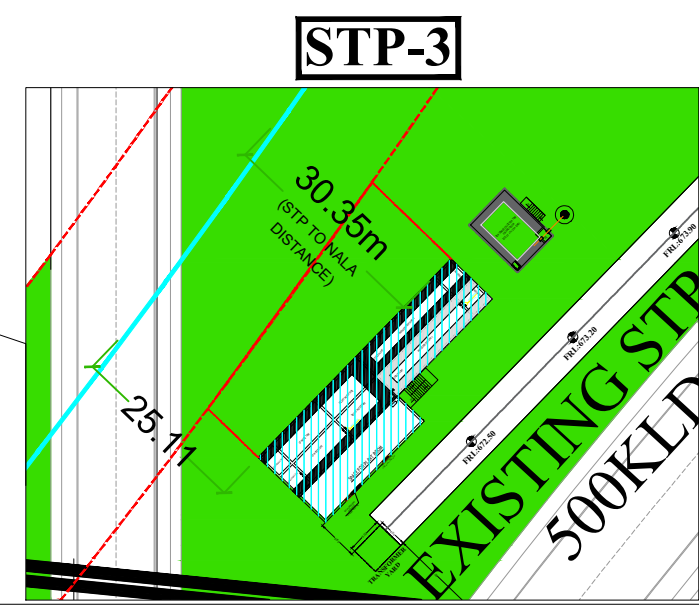
- NOTE :**
1. ALL DIMENSIONS ARE IN METER UNLESS OTHERWISE MENTIONED.
  2. DO NOT SCALE THE DRAWING. READ THE WRITTEN DIMENSIONS.
  3. READ THIS DRAWING ALONG WITH RELEVANT STRUCTURAL, MEP SERVICES AND ARCHITECTURAL DETAIL DRAWINGS.
  4. ANY DISCREPANCIES FOUND MUST BE BROUGHT TO THE NOTICE OF THE ARCHITECTS IMMEDIATELY BEFORE ANY EXECUTION OF WORK ON SITE.

01		ACPPL UNITS EXISTING BUILDING
02		STP-3 500KLD EXISTING STP
03		STP-1,2 & 4 FUTURE EXPANSION STP 500KLD 1 NO'S 250 KLD 2NO.S
04		GREEN BUFFER

- NALA LINE
- CAMPUS BOUNDARY LINE



FROM EXISTING BUILDING TO LAKE LENGTH=770m.



**PROJECT LOCATION**

HUBLI DURABLE GOODS CLUSTER  
 Sy. No. 10-13, 21,22, 24-34 of Ittigatti Village and 210-214 of Gamanagatti Village,  
 Dharwad District,  
 Karnataka State.

**BUILDING OWNER**

HUBLI DURABLE GOODS CLUSTER  
 Aquis Towers, No.55,  
 Whitefield Main Road,  
 Mahadevapura Post,  
 Bangalore - 560048  
 Tel: +91 080 61348000

**ARCHITECT**

R. SATHISH BABU  
 CA/2016/77068

03	APPROVAL DRAWING	PL	LP	DR	SA	04/02/2024
ISSUE	DESCRIPTION	DATE	BY	CHKD	APP	DATE



PROJECT  
**HUBLI DURABLE GOODS CLUSTER**

TITLE  
**MASTER PLAN**

PROJECT No.	AI-400	DRG No.	AI-400-AR-GFC-001
A3	SCALE 1:9000		

---

# ANNEXURE 3





## CERTIFICATE OF CAPITAL INVESTMENT

This is to certify that, the Capital Investment made on the fixed assets of the unit Ms/ Hubballi Durable Goods Cluster Private Limited located at Sy. No's 10-13, 20-22, 24-24 of Ittagatti Village & Sy. No's 210-214 of Gamanagatti Village, Dharwad Taluk, Dharwad District as per proposed investment as on date is as follows:

SI #	Particulars	Amount in Rs.	
		Owned	Leased (annual lease value)
1	Land	2,336,039,000	-
2	Building	312,365,788	-
3	Electrical Installation	1,298,000	-
4	Road & Civil work	89,171,195	-
5	Plant and Machinery	14,430,607	6,000,000
6	Work in progress for land development & construction	2,136,700,000	-
7	Office equipment	-	-
8	Goodwill	-	-
9	Vehicles	-	-
10	Other (If any )	-	-
<b>Total</b>		<b>4,890,004,590</b>	<b>6,000,000</b>

It is further certified that for the purpose of calculating the consent fee the Capital Investment of the unit amounts to:-

Total of assets owned	= Rs. <b>4,890,004,590</b> /-
10 times the annual lease/rent/hire charges of assets taken on lease /rent/hire	= Rs. 60,000,000/-
<b>Total (Rupees)</b>	<b>= Rs. 4,950,004,590/-</b>

It is further certified that the information given is true and correct to the best of my knowledge and as reflected in books of accounts of the industry/organization.

**For Hubballi Durable Goods Cluster Private Limited**

  
Authorized Signatory  
Shravankumar Kulkarni  
Place: Belagavi  
Date – 30-Nov-2023



**Hubballi Durable Goods Cluster Private Limited**

Corporate Identity Number: U45309KA2020PTC141245

Registered Office: No. 55, Whitefield Main Road, Mahadevapura Post, Bengaluru - 560048, Karnataka, India

T: + 91 80 61348000 F: + 91 80 42495010

---

# ANNEXURE 4

# Ganga Enviro Tech (OPC) Private Limited



ENGINEERING SOLUTION FOR POLLUTION

CPCB Recognized Environmental Laboratory Under E (P) Act 1986  
ISO 45001 : 2018 (OHSAS) CERTIFIED LABORATORY

Address: # 7676, 2<sup>nd</sup> Floor, "G.G. Complex", 4<sup>th</sup> Cross, Subhashnagar, Nelamangala, Bengaluru Rural Dist.: 562 123.

+91 9535272266, E-mail : gangaenvirotech@gmail.com / gangaenvirotechlab@gmail.com. web : www.gangaenvirotech.in

## TEST REPORT

GET/T/F/015

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT AIR

Date: 13.04.2024

Address of the customer	Report Details	
<b>M/s HUBBALLI DURABLE GOODS CLUSTER PRIVATE LIMITED</b> Sy. No. 10-13, 20-22, 24-34 of Itigatti Village, Dharwad Taluk and Sy. No. 210-214 of Gamangatti Village, Hubli Taluk, Dharwad District	Sampling location	Near ACPPL plant area
	Sample collected by	Kiran G L
	Date of collection	02.04.2024
	Sampling procedure	As per respective test method
	Date of sample receipt	03.04.2024
	Particulars	Ambient Air
	Date of analysis commencement	03.04.2024
	Date of analysis completed	06.04.2024
	Number of pages	1 of 1
	Sample number	GET/2024/Apr/43
ULR report number	TC555124000000929F	

Environmental conditions			
Temperature (°C)	30	Climate	Clear sky
Humidity (%)	39	Wind Flow	Normal

Sl. No.	Parameter	Test Method	Unit	Result	Standards as per NAAQS
1	Particulate Matter (size less than 10µm) or (PM <sub>10</sub> )	IS 5182:Part 23:2006 (Reaffirmed:2022)	µg/m <sup>3</sup>	50.7	100
2	Sulphur Dioxide (SO <sub>2</sub> )	IS 5182:Part 2:2001 (Reaffirmed:2022)	µg/m <sup>3</sup>	17.3	80
3	Nitrogen Dioxide (NO <sub>2</sub> )	IS 5182:Part 6:2006 (Reaffirmed:2022)	µg/m <sup>3</sup>	22.1	80
<b>Inference</b>		Conforms to prescribed standards			

Note: 1. NAAQS - National Ambient Air Quality Standards.

  
**AUTHORISED SIGNATORY**  
Harish C S (T.M)

\*\*\*End of the report\*\*\*

Note : 1) The results listed above pertain only to the tested samples & applicable parameters. 2) This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The Sample will be preserved for maximum of 15 days on request.





# Ganga Enviro Tech (OPC) Private Limited

ENGINEERING SOLUTION FOR POLLUTION

CPCB Recognized Environmental Laboratory Under E (P) Act 1986  
ISO 45001 : 2018 (OHSAS) CERTIFIED LABORATORY



Address: # 7676, 2<sup>nd</sup> Floor, "G.G. Complex", 4<sup>th</sup> Cross, Subhashnagar, Nelamangala, Bengaluru Rural Dist.: 562 123.  
+91 9535272266, E-mail : gangaenvirotech@gmail.com / gangaenvirotechlab@gmail.com. web : www.gangaenvirotech.in

## TEST REPORT

GET/T/F/015

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT AIR

Date: 13.04.2024

Address of the customer	Report Details	
<b>M/s HUBBALLI DURABLE GOODS CLUSTER PRIVATE LIMITED</b> Sy. No. 10-13, 20-22, 24-34 of Itigatti Village, Dharwad Taluk and Sy. No. 210-214 of Gamangatti Village, Hubli Taluk, Dharwad District	<b>Sampling location</b>	Near admin office area
	<b>Sample collected by</b>	Raju K S
	<b>Date of collection</b>	02.04.2024
	<b>Sampling procedure</b>	As per respective test method
	<b>Date of sample receipt</b>	03.04.2024
	<b>Particulars</b>	Ambient Air
	<b>Date of analysis commencement</b>	03.04.2024
	<b>Date of analysis completed</b>	06.04.2024
	<b>Number of pages</b>	1 of 1
	<b>Sample number</b>	GET/2024/Apr/42
<b>ULR report number</b>	TC555124000000928F	

Environmental conditions			
Temperature (°C)	32	Climate	Clear sky
Humidity (%)	38	Wind Flow	Normal

Sl. No.	Parameter	Test Method	Unit	Result	Standards as per NAAQS
1	Particulate Matter (size less than 10µm) or (PM <sub>10</sub> )	IS 5182:Part 23:2006 (Reaffirmed:2022)	µg/m <sup>3</sup>	44.3	100
2	Sulphur Dioxide (SO <sub>2</sub> )	IS 5182:Part 2:2001 (Reaffirmed:2022)	µg/m <sup>3</sup>	14.8	80
3	Nitrogen Dioxide (NO <sub>2</sub> )	IS 5182:Part 6:2006 (Reaffirmed:2022)	µg/m <sup>3</sup>	17.7	80
<b>Inference</b>		Conforms to prescribed standards			

Note: 1. NAAQS - National Ambient Air Quality Standards.

  
**AUTHORISED SIGNATORY**  
Harish C S (T.M)

\*\*\*End of the report\*\*\*

Note: 1) The results listed above pertain only to the tested samples & applicable parameters. 2) This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The Sample will be preserved for maximum of 15 days on request.





# Ganga Enviro Tech (OPC) Private Limited



ENGINEERING SOLUTION FOR POLLUTION

CPCB Recognized Environmental Laboratory Under E (P) Act 1986  
ISO 45001 : 2018 (OHSAS) CERTIFIED LABORATORY

TC-5551

Address: # 7676, 2<sup>nd</sup> Floor, "G.G. Complex", 4<sup>th</sup> Cross, Subhashnagar, Nelamangala, Bengaluru Rural Dist.: 562 123.  
+91 9535272266, E-mail : gangaenvirotech@gmail.com / gangaenvirotechlab@gmail.com. web : www.gangaenvirotech.in

## TEST REPORT

GPL/T/F/15

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT AIR


Date: 16.05.2024

Address of the customer	Report Details	
<b>M/s HUBBALLI DURABLE GOODS CLUSTER PRIVATE LIMITED</b> Sy. No. 10-13, 20-22, 24-34 of Itigatti Village, Dharwad Taluk and Sy. No. 210-214 of Gamangatti Village, Hubli Taluk, Dharwad District	<b>Sampling location</b>	Near WTP plant area
	<b>Sample collected by</b>	Raju K S, Field Technician
	<b>Date of collection</b>	09.05.2024
	<b>Sampling procedure</b>	As per respective test method
	<b>Date of sample receipt</b>	10.05.2024
	<b>Particulars</b>	Ambient Air
	<b>Date of commencement of analysis</b>	10.05.2024
	<b>Date of completion of analysis</b>	14.05.2024
	<b>Number of pages</b>	1 of 1
	<b>Sample number</b>	GPL/2024/May/76
<b>Sample report number</b>	GPL/2024/May/76	
<b>ULR number</b>	TC555124000001242F	

Environmental conditions	
Temperature in °C	32
Humidity in %	43
Climate	Clear sky
Wind Flow	Normal

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (size less than 10µm) or (PM <sub>10</sub> )	IS 5182:Part 23:2006 (Reaffirmed:2022)	µg/m <sup>3</sup>	55.3	100
2	Sulphur Dioxide (SO <sub>2</sub> )	IS 5182:Part 2:2001 (Reaffirmed:2022)	µg/m <sup>3</sup>	19.8	80
3	Nitrogen Dioxide (NO <sub>2</sub> )	IS 5182:Part 6:2006 (Reaffirmed:2022)	µg/m <sup>3</sup>	24.3	80
<b>Inference</b>		Conforms to prescribed standards			

Note: 1. \* As per NAAQS - National Ambient Air Quality Standards.

  
**AUTHORISED SIGNATORY**  
Harish C S (T.M)

\*\*\*End of the report\*\*\*

Note : 1) The results listed above pertain only to the tested samples & applicable parameters. 2) This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and shouldnot be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The Sample will be preserved for maximum of 15 days on request.





# Ganga Enviro Tech (OPC) Private Limited

ENGINEERING SOLUTION FOR POLLUTION

CPCB Recognized Environmental Laboratory Under E (P) Act 1986  
ISO 45001 : 2018 (OHSAS) CERTIFIED LABORATORY



Address: # 7676, 2<sup>nd</sup> Floor, "G.G. Complex", 4<sup>th</sup> Cross, Subhashnagar, Nelamangala, Bengaluru Rural Dist.: 562 123.  
+91 9535272266, E-mail : gangaenvirotech@gmail.com / gangaenvirotechlab@gmail.com. web : www.gangaenvirotech.in

## TEST REPORT

GPL/T/F/15

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT AIR


Date: 16.05.2024

Address of the customer	Report Details	
<b>M/s HUBBALLI DURABLE GOODS CLUSTER PRIVATE LIMITED</b> Sy. No. 10-13, 20-22, 24-34 of Itigatti Village, Dharwad Taluk and Sy. No. 210-214 of Gamangatti Village, Hubli Taluk, Dharwad District	<b>Sampling location</b>	Near admin office area
	<b>Sample collected by</b>	Kiran G L, Field Technician
	<b>Date of collection</b>	09.05.2024
	<b>Sampling procedure</b>	As per respective test method
	<b>Date of sample receipt</b>	10.05.2024
	<b>Particulars</b>	Ambient Air
	<b>Date of commencement of analysis</b>	10.05.2024
	<b>Date of completion of analysis</b>	14.05.2024
	<b>Number of pages</b>	1 of 1
	<b>Sample number</b>	GPL/2024/May/75
<b>Sample report number</b>	GPL/2024/May/75	
<b>ULR number</b>	TC555124000001241F	

Environmental conditions	
Temperature in °C	32
Humidity in %	41
Climate	Clear sky
Wind Flow	Normal

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (size less than 10µm) or (PM <sub>10</sub> )	IS 5182:Part 23:2006 (Reaffirmed:2022)	µg/m <sup>3</sup>	40.5	100
2	Sulphur Dioxide (SO <sub>2</sub> )	IS 5182:Part 2:2001 (Reaffirmed:2022)	µg/m <sup>3</sup>	12.8	80
3	Nitrogen Dioxide (NO <sub>2</sub> )	IS 5182:Part 6:2006 (Reaffirmed:2022)	µg/m <sup>3</sup>	15.4	80
<b>Inference</b>		Conforms to prescribed standards			

Note: 1. \* As per NAAQS - National Ambient Air Quality Standards.

  
**AUTHORISED SIGNATORY**  
Harish C S (T.M)

\*\*\*End of the report\*\*\*

Note : 1) The results listed above pertain only to the tested samples & applicable parameters. 2) This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and shouldnot be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The Sample will be preserved for maximum of 15 days on request.





# Ganga Enviro Tech (OPC) Private Limited

ENGINEERING SOLUTION FOR POLLUTION

CPCB Recognized Environmental Laboratory Under E (P) Act 1986  
ISO 45001 : 2018 (OHSAS) CERTIFIED LABORATORY



Address: # 7676, 2<sup>nd</sup> Floor, "G.G. Complex", 4<sup>th</sup> Cross, Subhashnagar, Nelamangala, Bengaluru Rural Dist.: 562 123.  
+91 9535272266, E-mail : gangaenvirotech@gmail.com / gangaenvirotechlab@gmail.com. web : www.gangaenvirotech.in

## TEST REPORT

GPL/T/F/15

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT AIR

Date: 10.06.2024

Address of the customer	Report Details	
<b>M/s HUBBALLI DURABLE GOODS CLUSTER PRIVATE LIMITED</b> Sy. No. 10-13, 20-22, 24-34 of Itigatti Village, Dharwad Taluk and Sy. No. 210-214 of Gamangatti Village, Hubli Taluk, Dharwad District	<b>Sampling location</b>	Near ACPPL plant area
	<b>Sample collected by</b>	Raju K S, Field Technician
	<b>Date of collection</b>	04.06.2024
	<b>Sampling procedure</b>	As per respective test method
	<b>Date of sample receipt</b>	05.06.2024
	<b>Particulars</b>	Ambient Air
	<b>Date of commencement of analysis</b>	05.06.2024
	<b>Date of completion of analysis</b>	08.06.2024
	<b>Number of pages</b>	1 of 1
	<b>Sample number</b>	GPL/2024/Jun/36
<b>Sample report number</b>	GPL/2024/Jun/36	
<b>ULR number</b>	TC555124000001479F	

Environmental conditions	
Temperature in °C	27
Humidity in %	59
Climate	Cloudy
Wind Flow	Rainy

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (size less than 10µm) or (PM <sub>10</sub> )	IS 5182:Part 23:2006 (Reaffirmed:2022)	µg/m <sup>3</sup>	50.3	100
2	Sulphur Dioxide (SO <sub>2</sub> )	IS 5182:Part 2:2001 (Reaffirmed:2022)	µg/m <sup>3</sup>	17.5	80
3	Nitrogen Dioxide (NO <sub>2</sub> )	IS 5182:Part 6:2006 (Reaffirmed:2022)	µg/m <sup>3</sup>	20.4	80
<b>Inference</b>		Conforms to prescribed standards			

Note: 1. \* As per National Ambient Air Quality Standards.

  
**AUTHORISED SIGNATORY**  
 Muniraju G (Q.M)

\*\*\*End of the report\*\*\*

Note : 1) The results listed above pertain only to the tested samples & applicable parameters. 2) This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and shouldnot be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The Sample will be preserved for maximum of 15 days on request.





# Ganga Enviro Tech (OPC) Private Limited

ENGINEERING SOLUTION FOR POLLUTION

CPCB Recognized Environmental Laboratory Under E (P) Act 1986  
ISO 45001 : 2018 (OHSAS) CERTIFIED LABORATORY



Address: # 7676, 2<sup>nd</sup> Floor, "G.G. Complex", 4<sup>th</sup> Cross, Subhashnagar, Nelamangala, Bengaluru Rural Dist.: 562 123.  
+91 9535272266, E-mail : gangaenvirotech@gmail.com / gangaenvirotechlab@gmail.com. web : www.gangaenvirotech.in

## TEST REPORT

GPL/T/F/15

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT AIR

Date: 10.06.2024

Address of the customer	Report Details	
<b>M/s HUBBALLI DURABLE GOODS CLUSTER PRIVATE LIMITED</b> Sy. No. 10-13, 20-22, 24-34 of Itigatti Village, Dharwad Taluk and Sy. No. 210-214 of Gamangatti Village, Hubli Taluk, Dharwad District	<b>Sampling location</b>	Near admin office area
	<b>Sample collected by</b>	Kiran G L, Field Technician
	<b>Date of collection</b>	04.06.2024
	<b>Sampling procedure</b>	As per respective test method
	<b>Date of sample receipt</b>	05.06.2024
	<b>Particulars</b>	Ambient Air
	<b>Date of commencement of analysis</b>	05.06.2024
	<b>Date of completion of analysis</b>	08.06.2024
	<b>Number of pages</b>	1 of 1
	<b>Sample number</b>	GPL/2024/Jun/35
<b>Sample report number</b>	GPL/2024/Jun/35	
<b>ULR number</b>	TC555124000001478F	

Environmental conditions	
Temperature in °C	27
Humidity in %	74
Climate	Cloudy
Wind Flow	Rainy

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (size less than 10µm) or (PM <sub>10</sub> )	IS 5182:Part 23:2006 (Reaffirmed:2022)	µg/m <sup>3</sup>	39.6	100
2	Sulphur Dioxide (SO <sub>2</sub> )	IS 5182:Part 2:2001 (Reaffirmed:2022)	µg/m <sup>3</sup>	13.8	80
3	Nitrogen Dioxide (NO <sub>2</sub> )	IS 5182:Part 6:2006 (Reaffirmed:2022)	µg/m <sup>3</sup>	15.4	80
<b>Inference</b>		Conforms to prescribed standards			

Note: 1. \* As per National Ambient Air Quality Standards.

**AUTHORISED SIGNATORY**  
 Muniraju G (Q.M)

\*\*\*End of the report\*\*\*

Note : 1) The results listed above pertain only to the tested samples & applicable parameters. 2) This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and shouldnot be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The Sample will be preserved for maximum of 15 days on request.





# Ganga Enviro Tech (OPC) Private Limited

ENGINEERING SOLUTION FOR POLLUTION

CPCB Recognized Environmental Laboratory Under E (P) Act 1986  
ISO 45001 : 2018 (OHSAS) CERTIFIED LABORATORY



Address: # 7676, 2<sup>nd</sup> Floor, "G.G. Complex", 4<sup>th</sup> Cross, Subhashnagar, Nelamangala, Bengaluru Rural Dist.: 562 123.  
+91 9535272266, E-mail : gangaenvirotech@gmail.com / gangaenvirotechlab@gmail.com. web : www.gangaenvirotech.in

## TEST REPORT

GPL/T/F/15

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT AIR

Date: 10.07.2024

Address of the customer	Report Details	
<b>M/s HUBBALLI DURABLE GOODS CLUSTER PRIVATE LIMITED</b> Sy. No. 10-13, 20-22, 24-34 of Itigatti Village, Dharwad Taluk and Sy. No. 210-214 of Gamangatti Village, Hubli Taluk, Dharwad District	<b>Sampling location</b>	Near water treatment plant (WTP) area
	<b>Sample collected by</b>	Raju K S, Field Technician
	<b>Date of collection</b>	02.07.2024
	<b>Sampling procedure</b>	As per respective test method
	<b>Date of sample receipt</b>	03.07.2024
	<b>Particulars</b>	Ambient Air
	<b>Date of commencement of analysis</b>	03.07.2024
	<b>Date of completion of analysis</b>	06.07.2024
	<b>Number of pages</b>	1 of 1
	<b>Sample number</b>	GPL/2024/Jul/31
<b>Sample report number</b>	GPL/2024/Jul/31	
<b>ULR number</b>	TC555124000001765F	

Environmental conditions	
Temperature in °C	28
Humidity in %	71
Climate	Cloudy
Wind Flow	Windy

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (size less than 10µm) or (PM <sub>10</sub> )	IS 5182:Part 23:2006 (Reaffirmed:2022)	µg/m <sup>3</sup>	45.7	100
2	Sulphur Dioxide (SO <sub>2</sub> )	IS 5182:Part 2:2001 (Reaffirmed:2022)	µg/m <sup>3</sup>	15.8	80
3	Nitrogen Dioxide (NO <sub>2</sub> )	IS 5182:Part 6:2006 (Reaffirmed:2022)	µg/m <sup>3</sup>	18.2	80
<b>Inference</b>		Conforms to prescribed standards			

Note: 1. \* As per National Ambient Air Quality Standards.

  
**AUTHORISED SIGNATORY**  
Harish C S (T.M)

\*\*\*End of the report\*\*\*

Note : 1) The results listed above pertain only to the tested samples & applicable parameters. 2) This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and shouldnot be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The Sample will be preserved for maximum of 15 days on request.





# Ganga Enviro Tech (OPC) Private Limited

ENGINEERING SOLUTION FOR POLLUTION

CPCB Recognized Environmental Laboratory Under E (P) Act 1986  
ISO 45001 : 2018 (OHSAS) CERTIFIED LABORATORY



Address: # 7676, 2<sup>nd</sup> Floor, "G.G. Complex", 4<sup>th</sup> Cross, Subhashnagar, Nelamangala, Bengaluru Rural Dist.: 562 123.  
+91 9535272266, E-mail : gangaenvirotech@gmail.com / gangaenvirotechlab@gmail.com. web : www.gangaenvirotech.in

## TEST REPORT

GPL/T/F/15

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT AIR

Date: 10.07.2024

Address of the customer	Report Details	
<b>M/s HUBBALLI DURABLE GOODS CLUSTER PRIVATE LIMITED</b> Sy. No. 10-13, 20-22, 24-34 of Itigatti Village, Dharwad Taluk and Sy. No. 210-214 of Gamangatti Village, Hubli Taluk, Dharwad District	<b>Sampling location</b>	Near admin office area
	<b>Sample collected by</b>	Kiran G L, Field Technician
	<b>Date of collection</b>	02.07.2024
	<b>Sampling procedure</b>	As per respective test method
	<b>Date of sample receipt</b>	03.07.2024
	<b>Particulars</b>	Ambient Air
	<b>Date of commencement of analysis</b>	03.07.2024
	<b>Date of completion of analysis</b>	06.07.2024
	<b>Number of pages</b>	1 of 1
	<b>Sample number</b>	GPL/2024/Jul/30
<b>Sample report number</b>	GPL/2024/Jul/30	
<b>ULR number</b>	TC555124000001764F	

Environmental conditions	
Temperature in °C	28
Humidity in %	74
Climate	Cloudy
Wind Flow	Windy

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (size less than 10µm) or (PM <sub>10</sub> )	IS 5182:Part 23:2006 (Reaffirmed:2022)	µg/m <sup>3</sup>	36.9	100
2	Sulphur Dioxide (SO <sub>2</sub> )	IS 5182:Part 2:2001 (Reaffirmed:2022)	µg/m <sup>3</sup>	9.8	80
3	Nitrogen Dioxide (NO <sub>2</sub> )	IS 5182:Part 6:2006 (Reaffirmed:2022)	µg/m <sup>3</sup>	11.6	80
<b>Inference</b>		Conforms to prescribed standards			

Note: 1. \* As per National Ambient Air Quality Standards.

  
**AUTHORISED SIGNATORY**  
Harish C S (T.M)

\*\*\*End of the report\*\*\*

Note : 1) The results listed above pertain only to the tested samples & applicable parameters. 2) This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The Sample will be preserved for maximum of 15 days on request.





# Ganga Enviro Tech (OPC) Private Limited

CPCB Recognized Environmental Laboratory Under E (P) Act 1986  
ISO 45001 : 2018 (OHSAS) CERTIFIED LABORATORY



# 7676, 2<sup>nd</sup> Floor, "G.G. Complex", 4<sup>th</sup> Cross, Subhashnagar, Nelamangala, Bengaluru Rural Dist.: 562 123  
☎ +91 8105490078, ✉ gangaenvirotech@gmail.com, 🌐 www.gangaenvirotech.in

## TEST REPORT

GPL/T/F/15

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT AIR

Date: 14.08.2024

Address of the customer	Report Details	
<b>M/s HUBBALLI DURABLE GOODS CLUSTER PRIVATE LIMITED</b> Sy. No. 10-13, 20-22, 24-34 of Itigatti Village, Dharwad Taluk and Sy. No. 210-214 of Gamangatti Village, Hubli Taluk, Dharwad District	<b>Sampling location</b>	Near admin office area
	<b>Sample collected by</b>	Kiran G L, Field Technician
	<b>Date of collection</b>	07.08.2024
	<b>Sampling procedure</b>	As per respective test method
	<b>Date of sample receipt</b>	08.08.2024
	<b>Particular</b>	Ambient Air
	<b>Date of commencement of analysis</b>	08.08.2024
	<b>Date of completion of analysis</b>	12.08.2024
	<b>Number of pages</b>	1 of 1
	<b>Sample number</b>	GPL/2024/Aug/98
<b>Sample report number</b>	GPL/2024/Aug/98	
<b>ULR number</b>	TC555124000001930F	

Environmental conditions	
Ambient Temperature in °C	28
Humidity in %	70
Weather Condition	Cloudy
Wind Flow	Windy

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (size less than 10µm) or (PM <sub>10</sub> )	IS 5182:Part 23:2006 (Reaffirmed:2022)	µg/m <sup>3</sup>	39.5	100
2	Sulphur Dioxide (SO <sub>2</sub> )	IS 5182:Part 2:2001 (Reaffirmed:2022)	µg/m <sup>3</sup>	11.6	80
3	Nitrogen Dioxide (NO <sub>2</sub> )	IS 5182:Part 6:2006 (Reaffirmed:2022)	µg/m <sup>3</sup>	13.2	80
<b>Inference</b>		Conforms to prescribed standards			

Note: 1. \* As per National Ambient Air Quality Standards.

  
**AUTHORISED SIGNATORY**  
Harish C S (T.M)

\*\*\*End of the report\*\*\*

Note: 1) The results listed above pertain only to the tested samples applicable parameters. 2) This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The Sample will be preserved for maximum of 15 days.





# Ganga Enviro Tech (OPC) Private Limited



CPCB Recognized Environmental Laboratory Under E (P) Act 1986

ISO 45001 : 2018 (OHSAS) CERTIFIED LABORATORY

# 7676, 2<sup>nd</sup> Floor, "G.G. Complex", 4<sup>th</sup> Cross, Subhashnagar, Nelamangala, Bengaluru Rural Dist.: 562 123

+91 8105490078, gangaenvirotech@gmail.com, www.gangaenvirotech.in

## TEST REPORT

GPL/T/F/15

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT AIR

Date: 14.08.2024

Address of the customer	Report Details	
<b>M/s HUBBALLI DURABLE GOODS CLUSTER PRIVATE LIMITED</b> Sy. No. 10-13, 20-22, 24-34 of Itigatti Village, Dharwad Taluk and Sy. No. 210-214 of Gamangatti Village, Hubli Taluk, Dharwad District	<b>Sampling location</b>	Near STP plant area
	<b>Sample collected by</b>	Kiran G L, Field Technician
	<b>Date of collection</b>	07.08.2024
	<b>Sampling procedure</b>	As per respective test method
	<b>Date of sample receipt</b>	08.08.2024
	<b>Particular</b>	Ambient Air
	<b>Date of commencement of analysis</b>	08.08.2024
	<b>Date of completion of analysis</b>	12.08.2024
	<b>Number of pages</b>	1 of 1
	<b>Sample number</b>	GPL/2024/Aug/99
	<b>Sample report number</b>	GPL/2024/Aug/99
	<b>ULR number</b>	TC555124000001931F

Environmental conditions	
Ambient Temperature in °C	27
Humidity in %	72
Weather Condition	Cloudy
Wind Flow	Windy

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (size less than 10µm) or (PM <sub>10</sub> )	IS 5182:Part 23:2006 (Reaffirmed:2022)	µg/m <sup>3</sup>	48.5	100
2	Sulphur Dioxide (SO <sub>2</sub> )	IS 5182:Part 2:2001 (Reaffirmed:2022)	µg/m <sup>3</sup>	14.8	80
3	Nitrogen Dioxide (NO <sub>2</sub> )	IS 5182:Part 6:2006 (Reaffirmed:2022)	µg/m <sup>3</sup>	18.2	80
<b>Inference</b>		Conforms to prescribed standards			

Note: 1. \* As per National Ambient Air Quality Standards.

  
**AUTHORISED SIGNATORY**  
 Harish C S (T.M)

\*\*\*End of the report\*\*\*

Note: 1) The results listed above pertain only to the tested samples applicable parameters. 2) This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The Sample will be preserved for maximum of 15 days.





# Ganga Enviro Tech (OPC) Private Limited

CPCB Recognized Environmental Laboratory Under E (P) Act 1986  
ISO 45001 : 2018 (OHSAS) CERTIFIED LABORATORY



# 7676, 2<sup>nd</sup> Floor, "G.G. Complex", 4<sup>th</sup> Cross, Subhashnagar, Nelamangala, Bengaluru Rural Dist.: 562 123  
☎ +91 8105490078, ✉ gangaenvirotech@gmail.com, 🌐 www.gangaenvirotech.in

## TEST REPORT

GPL/T/F/15

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT AIR

Date: 14.08.2024

Address of the customer	Report Details	
<b>M/s HUBBALLI DURABLE GOODS CLUSTER PRIVATE LIMITED</b> Sy. No. 10-13, 20-22, 24-34 of Itigatti Village, Dharwad Taluk and Sy. No. 210-214 of Gamangatti Village, Hubli Taluk, Dharwad District	<b>Sampling location</b>	Near admin office area
	<b>Sample collected by</b>	Kiran G L, Field Technician
	<b>Date of collection</b>	07.08.2024
	<b>Sampling procedure</b>	As per respective test method
	<b>Date of sample receipt</b>	08.08.2024
	<b>Particular</b>	Ambient Air
	<b>Date of commencement of analysis</b>	08.08.2024
	<b>Date of completion of analysis</b>	12.08.2024
	<b>Number of pages</b>	1 of 1
	<b>Sample number</b>	GPL/2024/Aug/98
<b>Sample report number</b>	GPL/2024/Aug/98	
<b>ULR number</b>	TC555124000001930F	

Environmental conditions	
Ambient Temperature in °C	28
Humidity in %	70
Weather Condition	Cloudy
Wind Flow	Windy

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (size less than 10µm) or (PM <sub>10</sub> )	IS 5182:Part 23:2006 (Reaffirmed:2022)	µg/m <sup>3</sup>	39.5	100
2	Sulphur Dioxide (SO <sub>2</sub> )	IS 5182:Part 2:2001 (Reaffirmed:2022)	µg/m <sup>3</sup>	11.6	80
3	Nitrogen Dioxide (NO <sub>2</sub> )	IS 5182:Part 6:2006 (Reaffirmed:2022)	µg/m <sup>3</sup>	13.2	80
<b>Inference</b>		Conforms to prescribed standards			

Note: 1. \* As per National Ambient Air Quality Standards.

  
**AUTHORISED SIGNATORY**  
Harish C S (T.M)

\*\*\*End of the report\*\*\*

Note: 1) The results listed above pertain only to the tested samples applicable parameters. 2) This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The Sample will be preserved for maximum of 15 days.





# Ganga Enviro Tech (OPC) Private Limited



CPCB Recognized Environmental Laboratory Under E (P) Act 1986

ISO 45001 : 2018 (OHSAS) CERTIFIED LABORATORY

# 7676, 2<sup>nd</sup> Floor, "G.G. Complex", 4<sup>th</sup> Cross, Subhashnagar, Nelamangala, Bengaluru Rural Dist.: 562 123

+91 8105490078, gangaenvirotech@gmail.com, www.gangaenvirotech.in

## TEST REPORT

GPL/T/F/15

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT AIR

Date: 14.08.2024

Address of the customer	Report Details	
<b>M/s HUBBALLI DURABLE GOODS CLUSTER PRIVATE LIMITED</b> Sy. No. 10-13, 20-22, 24-34 of Itigatti Village, Dharwad Taluk and Sy. No. 210-214 of Gamangatti Village, Hubli Taluk, Dharwad District	<b>Sampling location</b>	Near STP plant area
	<b>Sample collected by</b>	Kiran G L, Field Technician
	<b>Date of collection</b>	07.08.2024
	<b>Sampling procedure</b>	As per respective test method
	<b>Date of sample receipt</b>	08.08.2024
	<b>Particular</b>	Ambient Air
	<b>Date of commencement of analysis</b>	08.08.2024
	<b>Date of completion of analysis</b>	12.08.2024
	<b>Number of pages</b>	1 of 1
	<b>Sample number</b>	GPL/2024/Aug/99
	<b>Sample report number</b>	GPL/2024/Aug/99
	<b>ULR number</b>	TC555124000001931F

Environmental conditions	
Ambient Temperature in °C	27
Humidity in %	72
Weather Condition	Cloudy
Wind Flow	Windy

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (size less than 10µm) or (PM <sub>10</sub> )	IS 5182:Part 23:2006 (Reaffirmed:2022)	µg/m <sup>3</sup>	48.5	100
2	Sulphur Dioxide (SO <sub>2</sub> )	IS 5182:Part 2:2001 (Reaffirmed:2022)	µg/m <sup>3</sup>	14.8	80
3	Nitrogen Dioxide (NO <sub>2</sub> )	IS 5182:Part 6:2006 (Reaffirmed:2022)	µg/m <sup>3</sup>	18.2	80
<b>Inference</b>		Conforms to prescribed standards			

Note: 1. \* As per National Ambient Air Quality Standards.

  
**AUTHORISED SIGNATORY**  
 Harish C S (T.M)

\*\*\*End of the report\*\*\*

Note: 1) The results listed above pertain only to the tested samples applicable parameters. 2) This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The Sample will be preserved for maximum of 15 days.





# Ganga Enviro Tech (OPC) Private Limited



CPCB Recognized Environmental Laboratory Under E (P) Act 1986  
ISO 45001 : 2018 (OHSAS) CERTIFIED LABORATORY

# 7676, 2<sup>nd</sup> Floor, "G.G. Complex", 4<sup>th</sup> Cross, Subhashnagar, Nelamangala, Bengaluru Rural Dist.: 562 123  
☎ +91 8105490078, ✉ gangaenvirotech@gmail.com, 🌐 www.gangaenvirotech.in

## TEST REPORT

GPL/T/F/15

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT AIR

Date: 17.09.2024

Address of the customer	Report Details	
<b>M/s HUBBALLI DURABLE GOODS CLUSTER PRIVATE LIMITED</b> Sy. No. 10-13, 20-22, 24-34 of Itigatti Village, Dharwad Taluk and Sy. No. 210-214 of Gamangatti Village, Hubli Taluk, Dharwad District	<b>Sampling location</b>	Near ACPPL plant area
	<b>Sample collected by</b>	Kiran G L, Field Technician
	<b>Date of collection</b>	03.09.2024
	<b>Sampling procedure</b>	As per respective test method
	<b>Date of sample receipt</b>	04.09.2024
	<b>Particular</b>	Ambient Air
	<b>Date of commencement of analysis</b>	04.09.2024
	<b>Date of completion of analysis</b>	06.09.2024
	<b>Number of pages</b>	1 of 1
	<b>Sample number</b>	GPL/2024/Sep/27
	<b>Sample report number</b>	GPL/2024/Sep/27
<b>ULR number</b>	TC555124000002176F	

Environmental conditions	
Ambient Temperature in °C	27
Humidity in %	70
Weather Condition	Cloudy
Wind Flow	Windy

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (size less than 10µm) or (PM <sub>10</sub> )	IS 5182:Part 23:2006 (Reaffirmed:2022)	µg/m <sup>3</sup>	44.8	100
2	Sulphur Dioxide (SO <sub>2</sub> )	IS 5182:Part 2:2001 (Reaffirmed:2022)	µg/m <sup>3</sup>	12.9	80
3	Nitrogen Dioxide (NO <sub>2</sub> )	IS 5182:Part 6:2006 (Reaffirmed:2022)	µg/m <sup>3</sup>	16.7	80
<b>Inference</b>		Conforms to prescribed standards			

Note: 1. \* As per National Ambient Air Quality Standards.

  
**AUTHORISED SIGNATORY**  
Harish C S (T.M)

\*\*\*End of the report\*\*\*

Note: 1) The results listed above pertain only to the tested samples applicable parameters. 2) This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The Sample will be preserved for maximum of 15 days.





# Ganga Enviro Tech (OPC) Private Limited



CPCB Recognized Environmental Laboratory Under E (P) Act 1986  
ISO 45001 : 2018 (OHSAS) CERTIFIED LABORATORY

# 7676, 2<sup>nd</sup> Floor, "G.G. Complex", 4<sup>th</sup> Cross, Subhashnagar, Nelamangala, Bengaluru Rural Dist.: 562 123  
☎ +91 8105490078, ✉ gangaenvirotech@gmail.com, 🌐 www.gangaenvirotech.in

## TEST REPORT

GPL/T/F/15

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT AIR

Date: 16.09.2024

Address of the customer	Report Details	
<b>M/s HUBBALLI DURABLE GOODS CLUSTER PRIVATE LIMITED</b> Sy. No. 10-13, 20-22, 24-34 of Itigatti Village, Dharwad Taluk and Sy. No. 210-214 of Gamangatti Village, Hubli Taluk, Dharwad District	<b>Sampling location</b>	Near admin office area
	<b>Sample collected by</b>	Raju K S, Field Technician
	<b>Date of collection</b>	03.09.2024
	<b>Sampling procedure</b>	As per respective test method
	<b>Date of sample receipt</b>	04.09.2024
	<b>Particular</b>	Ambient Air
	<b>Date of commencement of analysis</b>	04.09.2024
	<b>Date of completion of analysis</b>	06.09.2024
	<b>Number of pages</b>	1 of 1
	<b>Sample number</b>	GPL/2024/Sep/26
<b>Sample report number</b>	GPL/2024/Sep/26	
<b>ULR number</b>	TC555124000002175F	

Environmental conditions	
Ambient Temperature in °C	27
Humidity in %	69
Weather Condition	Cloudy
Wind Flow	Windy

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (size less than 10µm) or (PM <sub>10</sub> )	IS 5182:Part 23:2006 (Reaffirmed:2022)	µg/m <sup>3</sup>	36.2	100
2	Sulphur Dioxide (SO <sub>2</sub> )	IS 5182:Part 2:2001 (Reaffirmed:2022)	µg/m <sup>3</sup>	9.8	80
3	Nitrogen Dioxide (NO <sub>2</sub> )	IS 5182:Part 6:2006 (Reaffirmed:2022)	µg/m <sup>3</sup>	11.4	80
<b>Inference</b>		Conforms to prescribed standards			

Note: 1. \* As per National Ambient Air Quality Standards.

  
**AUTHORISED SIGNATORY**  
 Harish C S (T.M)

\*\*\*End of the report\*\*\*

Note: 1) The results listed above pertain only to the tested samples applicable parameters. 2) This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The Sample will be preserved for maximum of 15 days.

---

# ANNEXURE 5

100KVA and 500KVA temporary DG sets (Low Sulphur Diesel type) are being utilizing for construction phase by Hubballi Durable Goods Cluster Pvt. Ltd.

100KVA DG SET



500KVA DG Set





2000KVA DG set is installed for operational purpose used by an individual industry establish within our IE



---

# ANNEXURE 6



# Ganga Enviro Tech (OPC) Private Limited

ENGINEERING SOLUTION FOR POLLUTION

CPCB Recognized Environmental Laboratory Under E (P) Act 1986  
ISO 45001 : 2018 (OHSAS) CERTIFIED LABORATORY



Address: # 7676, 2<sup>nd</sup> Floor, "G.G. Complex", 4<sup>th</sup> Cross, Subhashnagar, Nelamangala, Bengaluru Rural Dist.: 562 123.  
+91 9535272266, E-mail : gangaenvirotech@gmail.com / gangaenvirotechlab@gmail.com. web : www.gangaenvirotech.in

## TEST REPORT

GET/T/F/016

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF SOURCE EMISSION

Date: 13.04.2024

Address of the customer	Report Details	
M/s HUBBALLI DURABLE GOODS CLUSTER PRIVATE LIMITED Sy. No. 10-13, 20-22, 24-34 of Itigatti Village, Dharwad Taluk and Sy. No. 210-214 of Gamangatti Village, Hubli Taluk, Dharwad District	Chimney attached to	2000 KVA DG set
	Sample collected by	Kiran G L
	Date of collection	02.04.2024
	Sampling procedure	As per respective test method
	Date of sample receipt	03.04.2024
	Particulars	Source emission
	Date of analysis commencement	03.04.2024
	Date of analysis completed	06.04.2024
	Number of pages	1 of 1
	Sample number	GET/2024/Apr/27
ULR report number	TC55512400000913F	

#### General Details

Fuel used	Diesel
Ambient temperature (°C)	31
Velocity (m/s)	11.4
Type of the chimney	Circular
Height of the chimney (m) AGL	6.0
Diameter of the chimney (m)	0.15
Area of the cross section (m <sup>2</sup> )	0.0176
Flue gas temperature (°C)	212

Sl. No.	Parameter	Test Method	Unit	Result	Standards as per KSPCB
1	Particulate Matter	IS 11255:Part 1:1985 (Reaffirmed:2019)	mg/Nm <sup>3</sup>	58.4	N.S
2	Sulphur Dioxide (SO <sub>2</sub> )	IS 11255:Part 2:1985 (Reaffirmed:2019)	mg/Nm <sup>3</sup>	19.2	N.S
3	Oxides of Nitrogen (NO <sub>2</sub> )	IS 11255:Part 7:2005 (Reaffirmed:2022)	mg/Nm <sup>3</sup>	21.6	N.S
Inference			Not Applicable		

Note: 1. AGL - Above Ground Level  
2. N.S - Not Specified

  
AUTHORISED SIGNATORY  
Harish C S (T.M)

\*\*\*End of the report\*\*\*

Note : 1) The results listed above pertain only to the tested samples & applicable parameters. 2) This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and shouldnot be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The Sample will be preserved for maximum of 15 days on request.





# Ganga Enviro Tech (OPC) Private Limited

ENGINEERING SOLUTION FOR POLLUTION

CPCB Recognized Environmental Laboratory Under E (P) Act 1986  
ISO 45001 : 2018 (OHSAS) CERTIFIED LABORATORY



Address: # 7676, 2<sup>nd</sup> Floor, "G.G. Complex", 4<sup>th</sup> Cross, Subhashnagar, Nelamangala, Bengaluru Rural Dist.: 562 123.  
+91 9535272266, E-mail : gangaenvirotech@gmail.com / gangaenvirotechlab@gmail.com. web : www.gangaenvirotech.in

## TEST REPORT

GPL/T/F/16

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF SOURCE EMISSION

Date: 16.05.2024

Address of the customer	Report Details	
<b>M/s HUBBALLI DURABLE GOODS CLUSTER PRIVATE LIMITED</b> Sy. No. 10-13, 20-22, 24-34 of Itigatti Village, Dharwad Taluk and Sy. No. 210-214 of Gamangatti Village, Hubli Taluk, Dharwad District	Chimney attached to	2000 KVA DG set
	Sample collected by	Kiran G L, Field Technician
	Date of collection	09.05.2024
	Sampling procedure	As per respective test method
	Date of sample receipt	10.05.2024
	Particulars	Source emission
	Date of commencement of analysis	10.05.2024
	Date of completion of analysis	14.05.2024
	Number of pages	1 of 1
	Sample number	GPL/2024/May/77
Sample report number	GPL/2024/May/77	
ULR number	TC555124000001243F	

#### General Details

Fuel used	Diesel
Ambient temperature in °C	33
Velocity in m/s	11.1
Type of the chimney	Circular
Height of the chimney in meter (AGL)	6.0
Diameter of the chimney in meter	0.15
Area of the cross section in m <sup>2</sup>	0.0176
Flue gas temperature in °C	226

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter	IS 11255:Part 1:1985 (Reaffirmed:2019)	mg/Nm <sup>3</sup>	61.8	N.S
2	Sulphur Dioxide (SO <sub>2</sub> )	IS 11255:Part 2:1985 (Reaffirmed:2019)	mg/Nm <sup>3</sup>	22.6	N.S
3	Oxides of Nitrogen (NO <sub>2</sub> )	IS 11255:Part 7:2005 (Reaffirmed:2022)	mg/Nm <sup>3</sup>	25.7	N.S
<b>Inference</b>			Not Applicable		

- Note:** 1. N.S - Not Specified  
2. AGL - Above Ground Level  
3. \* As per KSPCB Consent copy

  
**AUTHORISED SIGNATORY**  
 Harish C S (T.M)

\*\*\*End of the report\*\*\*

**Note :** 1) The results listed above pertain only to the tested samples & applicable parameters. 2) This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and shouldnot be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The Sample will be preserved for maximum of 15 days on request.





# Ganga Enviro Tech (OPC) Private Limited

ENGINEERING SOLUTION FOR POLLUTION

CPCB Recognized Environmental Laboratory Under E (P) Act 1986  
ISO 45001 : 2018 (OHSAS) CERTIFIED LABORATORY



Address: # 7676, 2<sup>nd</sup> Floor, "G.G. Complex", 4<sup>th</sup> Cross, Subhashnagar, Nelamangala, Bengaluru Rural Dist.: 562 123.  
+91 9535272266, E-mail : gangaenvirotech@gmail.com / gangaenvirotechlab@gmail.com. web : www.gangaenvirotech.in

## TEST REPORT

GPL/T/F/16

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF SOURCE EMISSION

Date: 10.06.2024

Address of the customer	Report Details	
<b>M/s HUBBALLI DURABLE GOODS CLUSTER PRIVATE LIMITED</b> Sy. No. 10-13, 20-22, 24-34 of Itigatti Village, Dharwad Taluk and Sy. No. 210-214 of Gamangatti Village, Hubli Taluk, Dharwad District	<b>Chimney attached to</b>	2000 KVA DG set
	<b>Sample collected by</b>	Kiran G L, Field Technician
	<b>Date of collection</b>	04.06.2024
	<b>Sampling procedure</b>	As per respective test method
	<b>Date of sample receipt</b>	05.06.2024
	<b>Particulars</b>	Source emission
	<b>Date of commencement of analysis</b>	05.06.2024
	<b>Date of completion of analysis</b>	08.06.2024
	<b>Number of pages</b>	1 of 1
	<b>Sample number</b>	GPL/2024/Jun/37
	<b>Sample report number</b>	GPL/2024/Jun/37
<b>ULR number</b>	TC555124000001480F	

#### General Details

Fuel used	Diesel
Ambient temperature in °C	27
Velocity in m/s	20.0
Type of the chimney	Circular
Height of the chimney in meter (AGL)	10.0
Diameter of the chimney in meter	0.5
Area of the cross section in m <sup>2</sup>	0.1964
Flue gas temperature in °C	285

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter	IS 11255:Part 1:1985 (Reaffirmed:2019)	mg/Nm <sup>3</sup>	58.7	N.S
2	Sulphur Dioxide (SO <sub>2</sub> )	IS 11255:Part 2:1985 (Reaffirmed:2019)	mg/Nm <sup>3</sup>	20.8	N.S
3	Oxides of Nitrogen (NO <sub>2</sub> )	IS 11255:Part 7:2005 (Reaffirmed:2022)	mg/Nm <sup>3</sup>	23.6	N.S
<b>Inference</b>			Not Applicable		

Note: 1. \* As per KSPCB Consent copy  
2. N.S - Not Specified  
3. AGL - Above Ground Level

  
**AUTHORISED SIGNATORY**  
Muniraju G (Q.M)

\*\*\*End of the report\*\*\*

Note : 1) The results listed above pertain only to the tested samples & applicable parameters. 2) This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and shouldnot be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The Sample will be preserved for maximum of 15 days on request.





# Ganga Enviro Tech (OPC) Private Limited

ENGINEERING SOLUTION FOR POLLUTION

CPCB Recognized Environmental Laboratory Under E (P) Act 1986  
ISO 45001 : 2018 (OHSAS) CERTIFIED LABORATORY



Address: # 7676, 2<sup>nd</sup> Floor, "G.G. Complex", 4<sup>th</sup> Cross, Subhashnagar, Nelamangala, Bengaluru Rural Dist.: 562 123.  
+91 9535272266, E-mail : gangaenvirotech@gmail.com / gangaenvirotechlab@gmail.com. web : www.gangaenvirotech.in

## TEST REPORT

GPL/T/F/16

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF SOURCE EMISSION

Date: 10.07.2024

Address of the customer	Report Details	
<b>M/s HUBBALLI DURABLE GOODS CLUSTER PRIVATE LIMITED</b> Sy. No. 10-13, 20-22, 24-34 of Itigatti Village, Dharwad Taluk and Sy. No. 210-214 of Gamangatti Village, Hubli Taluk, Dharwad District	<b>Chimney attached to</b>	2000 KVA DG set
	<b>Sample collected by</b>	Kiran G L, Field Technician
	<b>Date of collection</b>	02.07.2024
	<b>Sampling procedure</b>	As per respective test method
	<b>Date of sample receipt</b>	03.07.2024
	<b>Particulars</b>	Source Emission
	<b>Date of commencement of analysis</b>	03.07.2024
	<b>Date of completion of analysis</b>	06.07.2024
	<b>Number of pages</b>	1 of 1
	<b>Sample number</b>	GPL/2024/Jul/32
	<b>Sample report number</b>	GPL/2024/Jul/32
	<b>ULR number</b>	TC555124000001766F

### General Details

Fuel used	Diesel
Ambient temperature in °C	28
Velocity in m/s	20.9
Type of the chimney	Circular
Height of the chimney in meter (AGL)	10.0
Diameter of the chimney in meter	0.5
Area of the cross section in m <sup>2</sup>	0.1964
Flue gas temperature in °C	265

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (PM)	IS 11255:Part 1:1985 (Reaffirmed:2019)	mg/Nm <sup>3</sup>	62.8	N.S
2	Sulphur Dioxide (SO <sub>2</sub> )	IS 11255:Part 2:1985 (Reaffirmed:2019)	mg/Nm <sup>3</sup>	23.3	N.S
3	Oxides of Nitrogen (NO <sub>2</sub> )	IS 11255:Part 7:2005 (Reaffirmed:2022)	mg/Nm <sup>3</sup>	26.4	N.S
<b>Inference</b>			Not Applicable		

**Note:** 1. \* As per KSPCB Consent copy  
2. N.S - Not Specified  
3. AGL - Above Ground Level

  
**AUTHORISED SIGNATORY**  
Harish C S (T.M)

\*\*\*End of the report\*\*\*

Note : 1) The results listed above pertain only to the tested samples & applicable parameters. 2) This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and shouldnot be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The Sample will be preserved for maximum of 15 days on request.





# Ganga Enviro Tech (OPC) Private Limited

ENGINEERING SOLUTION FOR POLLUTION

CPCB Recognized Environmental Laboratory Under E (P) Act 1986  
ISO 45001 : 2018 (OHSAS) CERTIFIED LABORATORY



Address: # 7676, 2<sup>nd</sup> Floor, "G.G. Complex", 4<sup>th</sup> Cross, Subhashnagar, Nelamangala, Bengaluru Rural Dist.: 562 123.  
+91 9535272266, E-mail : gangaenvirotech@gmail.com / gangaenvirotechlab@gmail.com. web : www.gangaenvirotech.in

## TEST REPORT

GPL/T/F/16

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF SOURCE EMISSION

Date: 10.06.2024

Address of the customer	Report Details	
<b>M/s HUBBALLI DURABLE GOODS CLUSTER PRIVATE LIMITED</b> Sy. No. 10-13, 20-22, 24-34 of Itigatti Village, Dharwad Taluk and Sy. No. 210-214 of Gamangatti Village, Hubli Taluk, Dharwad District	<b>Chimney attached to</b>	2000 KVA DG set
	<b>Sample collected by</b>	Kiran G L, Field Technician
	<b>Date of collection</b>	04.06.2024
	<b>Sampling procedure</b>	As per respective test method
	<b>Date of sample receipt</b>	05.06.2024
	<b>Particulars</b>	Source emission
	<b>Date of commencement of analysis</b>	05.06.2024
	<b>Date of completion of analysis</b>	08.06.2024
	<b>Number of pages</b>	1 of 1
	<b>Sample number</b>	GPL/2024/Jun/37
	<b>Sample report number</b>	GPL/2024/Jun/37
<b>ULR number</b>	TC555124000001480F	

#### General Details

Fuel used	Diesel
Ambient temperature in °C	27
Velocity in m/s	20.0
Type of the chimney	Circular
Height of the chimney in meter (AGL)	10.0
Diameter of the chimney in meter	0.5
Area of the cross section in m <sup>2</sup>	0.1964
Flue gas temperature in °C	285

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter	IS 11255:Part 1:1985 (Reaffirmed:2019)	mg/Nm <sup>3</sup>	58.7	N.S
2	Sulphur Dioxide (SO <sub>2</sub> )	IS 11255:Part 2:1985 (Reaffirmed:2019)	mg/Nm <sup>3</sup>	20.8	N.S
3	Oxides of Nitrogen (NO <sub>2</sub> )	IS 11255:Part 7:2005 (Reaffirmed:2022)	mg/Nm <sup>3</sup>	23.6	N.S
<b>Inference</b>			Not Applicable		

**Note:** 1. \* As per KSPCB Consent copy  
2. N.S - Not Specified  
3. AGL - Above Ground Level

  
**AUTHORISED SIGNATORY**  
Muniraju G (Q.M)

\*\*\*End of the report\*\*\*

Note : 1) The results listed above pertain only to the tested samples & applicable parameters. 2) This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and shouldnot be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The Sample will be preserved for maximum of 15 days on request.





# Ganga Enviro Tech (OPC) Private Limited



CPCB Recognized Environmental Laboratory Under E (P) Act 1986  
ISO 45001 : 2018 (OHSAS) CERTIFIED LABORATORY

# 7676, 2<sup>nd</sup> Floor, "G.G. Complex", 4<sup>th</sup> Cross, Subhashnagar, Nelamangala, Bengaluru Rural Dist.: 562 123  
☎ +91 8105490078, ✉ gangaenvirotech@gmail.com, 🌐 www.gangaenvirotech.in

## TEST REPORT

GPL/T/F/16

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF SOURCE EMISSION

Date: 16.09.2024

Address of the customer	Report Details	
<b>M/s HUBBALLI DURABLE GOODS CLUSTER PRIVATE LIMITED</b> Sy. No. 10-13, 20-22, 24-34 of Itigatti Village, Dharwad Taluk and Sy. No. 210-214 of Gamangatti Village, Hubli Taluk, Dharwad District	<b>Chimney attached to</b>	2000 KVA DG set
	<b>Sample collected by</b>	Kiran G L, Field Technician
	<b>Date of collection</b>	03.09.2024
	<b>Sampling procedure</b>	As per respective test method
	<b>Date of sample receipt</b>	04.09.2024
	<b>Particular</b>	Source Emission
	<b>Date of commencement of analysis</b>	04.09.2024
	<b>Date of completion of analysis</b>	06.09.2024
	<b>Number of pages</b>	1 of 1
	<b>Sample number</b>	GPL/2024/Sep/28
	<b>Sample report number</b>	GPL/2024/Sep/28
<b>ULR number</b>	TC555124000002177F	

#### General Details

Fuel used	Diesel
Ambient temperature in °C	29
Humidity in %	57
Velocity in m/s	36.2
Type of the chimney	Circular
Height of the chimney in meter (AGL)	10.0
Diameter of the chimney in meter	0.5
Area of the cross section in m <sup>2</sup>	0.1964
Flue gas temperature in °C	278

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (PM)	IS 11255:Part 1:1985 (Reaffirmed:2019)	mg/Nm <sup>3</sup>	63.5	N.S
2	Sulphur Dioxide (SO <sub>2</sub> )	IS 11255:Part 2:1985 (Reaffirmed:2019)	mg/Nm <sup>3</sup>	21.2	N.S
3	Oxides of Nitrogen (NO <sub>2</sub> )	IS 11255:Part 7:2005 (Reaffirmed:2022)	mg/Nm <sup>3</sup>	25.8	N.S
<b>Inference</b>			Not Applicable		

- Note:** 1. \* As per KSPCB Consent copy  
2. AGL - Above Ground Level  
3. N.S - Not Specified

  
**AUTHORISED SIGNATORY**  
 Harish C S (T.M)

\*\*\*End of the report\*\*\*

Note: 1) The results listed above pertain only to the tested samples applicable parameters. 2) This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The Sample will be preserved for maximum of 15 days.

---

# ANNEXURE 7




## Natural Drain System

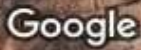







 **GPS Map Camera**

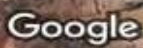
Hubballi, Karnataka, India  
92cr+r3, Hubballi, Karnataka 580009, India  
Lat 15.371738° Long 75.039018°  
20/11/24 04:42 PM GMT +05:30

 Google



 **GPS Map Camera**

Hubballi, Karnataka, India  
92cr+r3, Hubballi, Karnataka 580009, India  
Lat 15.371738° Long 75.039018°  
20/11/24 04:28 PM GMT +05:30

 Google

LANDSCAPING DONE TILL DATE AROUND BOTH BUILDINGS AND ROAD NO 5 BOTH SIDE								
SL.	DESCRIPTION	NO	L	B	D	QTY	UNIT	REMARKS
1	Road no 5 both side	2	420	1.3		1092		
	<b>A</b>					<b>1092</b>	<b>SQMT</b>	
	<b>UNIT-3</b>							
	North side	1	110	3		330		
		1	20	1		20		
		1	40	2		80		
	West side	1	80	3		240		
		1	25	2		50		
		2	3	3		18		
		1	25	3		75		
		1	8	1		8		
		1	10	1		10		
		3	4	4		48		
	South side	1	70	4		280		
	East side	1	125	1.7		212.5		
		1	10	2		20		
	<b>B</b>					<b>1391.5</b>	<b>SQMT</b>	
	<b>UNIT-2</b>							
	West side	1	6	6		36		
		1	78	0.6		46.8		
		1	9	6		54		
		1	10	6.7		67		
		1	8	2		16		
		1	32	2		64		
		1	7	2		14		
	South side	1	147	2		294		
		1	26	1		26		
		1	5	1.5		7.5		
		1	25	1		25		
		1	8.5	1		8.5		
		1	32	1		32		
		1	4	2		8		
		1	7	14		98		
	East side	1	19	6.8		129.2		
		1	5	5		25		
		1	27	0.8		21.6		
		1	6	0.8		4.8		
		1	20	0.8		16		
	North side	1	16	2.4		38.4		
		1	18	1.8		32.4		
		1	7	3.5		24.5		
		1	6	6		36		
		1	8	3.5		28		
	<b>C</b>					<b>1152.7</b>	<b>SQMT</b>	
	<b>Therefore total landscaping done around both units and road no 5 is A+B+C</b>					<b>3636</b>	<b>SQMT</b>	

---

# ANNEXURE 8





# Ganga Enviro Tech (OPC) Private Limited

ENGINEERING SOLUTION FOR POLLUTION

CPCB Recognized Environmental Laboratory Under E (P) Act 1986  
ISO 45001 : 2018 (OHSAS) CERTIFIED LABORATORY



Address: # 7676, 2<sup>nd</sup> Floor, "G.G. Complex", 4<sup>th</sup> Cross, Subhashnagar, Nelamangala, Bengaluru Rural Dist.: 562 123.  
+91 9535272266, E-mail : gangaenvirotech@gmail.com / gangaenvirotechlab@gmail.com. web : www.gangaenvirotech.in

## TEST REPORT

GPL/T/F/14

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF WASTE WATER

Date: 11.07.2024

Address of the customer	Report Details	
<b>M/s HUBBALLI DURABLE GOODS CLUSTER PRIVATE LIMITED</b> Sy. No. 10-13, 20-22, 24-34 of Itigatti Village, Dharwad Taluk and Sy. No. 210-214 of Gamangatti Village, Hubli Taluk, Dharwad District	Sample collected by	Kiran G L, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	02.07.2024
	Date of sample receipt	03.07.2024
	Particulars of sample	Sewage treated sample collected from final tank outlet
	Date of commencement of analysis	03.07.2024
	Date of completion of analysis	09.07.2024
	Number of pages	1 of 1
	Sample number	GPL/2024/Jul/27
	Sample report number	GPL/2024/Jul/27
ULR number	TC555124000001761F	

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	pH	IS 3025:Part 11:2022	-	8.2	6.5-9.0
2	Chemical Oxygen Demand	IS 3025:Part 58:2023	mg/l	<4.0	50
3	Bio-Chemical Oxygen Demand (3 days @ 27 °C)	IS 3025:Part 44:2023	mg/l	<3.3	10
4	Non-Filterable Residue (Total Suspended Solids)	IS 3025:Part 17:2022	mg/l	18.0	20
5	Ammonical Nitrogen	IS 3025:Part 34:1988 (Reaffirmed:2019)	mg/l	4.6	5
6	Total Nitrogen	IS 3025:Part 34:1988 (Reaffirmed:2019)	mg/l	7.8	10
7	Fecal Coliform	APHA 24 <sup>th</sup> Edition 9221 E:2023	MPN/100ml	84	<100
<b>Inference</b>		Conforms to prescribed standards			

Note: 1. \* As per KSPCB consent copy

  
**VERIFIED BY**  
Harish C S (T.M)

  
**AUTHORISED SIGNATORY**  
Muniraju G (Q.M)

\*\*\*End of the report\*\*\*

Note : 1) The results listed above pertain only to the tested samples & applicable parameters. 2) This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and shouldnot be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The Sample will be preserved for maximum of 15 days on request.

---

# ANNEXURE 9





# Ganga Enviro Tech (OPC) Private Limited

ENGINEERING SOLUTION FOR POLLUTION

CPCB Recognized Environmental Laboratory Under E (P) Act 1986  
ISO 45001 : 2018 (OHSAS) CERTIFIED LABORATORY



Address: # 7676, 2<sup>nd</sup> Floor, "G.G. Complex", 4<sup>th</sup> Cross, Subhashnagar, Nelamangala, Bengaluru Rural Dist.: 562 123.

+91 9535272266, E-mail : gangaenvirotech@gmail.com / gangaenvirotechlab@gmail.com. web : www.gangaenvirotech.in

## TEST REPORT

GET/T/F/017

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT NOISE

Date: 12.04.2024

Address of the customer	Report Details	
<b>M/s HUBBALLI DURABLE GOODS CLUSTER PRIVATE LIMITED</b> Sy. No. 10-13, 20-22, 24-34 of Itigatti Village, Dharwad Taluk and Sy. No. 210-214 of Gamangatti Village, Hubli Taluk, Dharwad District	Monitoring done by	Kiran G L
	Sampling procedure	IS 9989:1981 (Reaffirmed:2020)
	Date of monitoring	02.04.2024
	Particulars	Ambient noise
	Date of sample receipt	03.04.2024
	Environmental conditions	Normal
	Number of pages	1 of 1
	Sample number	GET/2024/Apr/02
	ULR report number	TC555124000000897F

### Day Time Ambient Noise

Sl. No.	Sample locations	Duration	Test method	Noise level Leq in dB(A)	Standards as per The Noise Pollution (Regulation and Control) Rules, 2000
1	Near ACPPL plant area	09.30 AM-09.35 AM	IS 9989:1981 (Reaffirmed:2020)	73.4	75dB(A) Leq Max (6 AM-10 PM)
2	Near admin office area	09.40 AM-09.45 AM		68.2	
<b>Inference</b>			Conforms to prescribed standard		

*Harish*  
**AUTHORISED SIGNATORY**  
Harish C S (T.M)

\*\*\*End of the report\*\*\*

Nota : 1) The results listed above pertain only to the tested samples & applicable parameters. 2) This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and shouldnot be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The Sample will be preserved for maximum of 15 days on request.





# Ganga Enviro Tech (OPC) Private Limited

ENGINEERING SOLUTION FOR POLLUTION

CPCB Recognized Environmental Laboratory Under E (P) Act 1986  
ISO 45001 : 2018 (OHSAS) CERTIFIED LABORATORY



Address: # 7676, 2<sup>nd</sup> Floor, "G.G. Complex", 4<sup>th</sup> Cross, Subhashnagar, Nelamangala, Bengaluru Rural Dist.: 562 123.  
+91 9535272266, E-mail : gangaenvirotech@gmail.com / gangaenvirotechlab@gmail.com. web : www.gangaenvirotech.in

## TEST REPORT

GPL/T/F/17

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT NOISE

Date: 15.05.2024

Address of the customer	Report Details	
M/s HUBBALLI DURABLE GOODS CLUSTER PRIVATE LIMITED Sy. No. 10-13, 20-22, 24-34 of Itigatti Village, Dharwad Taluk and Sy. No. 210-214 of Gamangatti Village, Hubli Taluk, Dharwad District	Monitoring done by	Raju K S, Field Technician
	Sampling procedure	IS 9989:1981 (Reaffirmed:2020)
	Date of monitoring	09.05.2024
	Date of sample receipt	10.05.2024
	Particulars	Ambient noise
	Environmental conditions	Normal
	Number of pages	1 of 1
	Sample number	GPL/2024/May/78
	Sample report number	GPL/2024/May/78
	ULR number	TC555124000001244F

### Day Time Ambient Noise

Sl. No.	Sample locations	Duration	Test method	Noise level Leq in dB(A)	Standard*
1	Near admin office area	10.20 AM-10.25 AM	IS 9989:1981 (Reaffirmed:2020)	66.8	75dB(A) Leq Max (6 AM-10 PM)
2	Near WTP plant area	10.30 AM-10.35 AM		62.4	
<b>Inference</b>		Conforms to prescribed standard			

Note: 1. \* As per The Noise Pollution (Regulation and Control) Rules, 2000

  
AUTHORISED SIGNATORY  
Harish C S (T.M)

\*\*\*End of the report\*\*\*

Note : 1) The results listed above pertain only to the tested samples & applicable parameters. 2) This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and shouldnot be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The Sample will be preserved for maximum of 15 days on request.





# Ganga Enviro Tech (OPC) Private Limited

ENGINEERING SOLUTION FOR POLLUTION

CPCB Recognized Environmental Laboratory Under E (P) Act 1986  
ISO 45001 : 2018 (OHSAS) CERTIFIED LABORATORY



Address: # 7676, 2<sup>nd</sup> Floor, "G.G. Complex", 4<sup>th</sup> Cross, Subhashnagar, Nelamangala, Bengaluru Rural Dist.: 562 123.  
+91 9535272266, E-mail : gangaenvirotech@gmail.com / gangaenvirotechlab@gmail.com. web : www.gangaenvirotech.in

## TEST REPORT

GPL/T/F/17

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT NOISE

Date: 08.06.2024

Address of the customer	Report Details	
M/s HUBBALLI DURABLE GOODS CLUSTER PRIVATE LIMITED Sy. No. 10-13, 20-22, 24-34 of Itigatti Village, Dharwad Taluk and Sy. No. 210-214 of Gamangatti Village, Hubli Taluk, Dharwad District	Monitoring done by	Raju K S, Field Technician
	Sampling procedure	IS 9989:1981 (Reaffirmed:2020)
	Date of monitoring	04.06.2024
	Date of sample receipt	05.06.2024
	Particulars	Ambient noise
	Environmental conditions	Normal
	Number of pages	1 of 1
	Sample number	GPL/2024/Jun/38
	Sample report number	GPL/2024/Jun/38
ULR number	TC555124000001481F	

### Day Time Ambient Noise

Sl. No.	Sample locations	Duration	Test method	Noise level in dB(A) Leq	Standard*
1	Near admin office area	10.15 AM- 10.20 AM	IS 9989:1981 (Reaffirmed:2020)	62.9	75 dB(A) Leq (6 AM-10 PM)
2	Near ACPL plant area	10.25 AM- 10.30 AM		67.6	
<b>Inference</b>		Conforms to prescribed standard			

Note: 1. \* Limits as per The Noise Pollution (Regulation and Control) Rules, 2000.

  
AUTHORISED SIGNATORY  
Muniraju G (Q.M)

\*\*\*End of the report\*\*\*

Note : 1) The results listed above pertain only to the tested samples & applicable parameters. 2) This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and shouldnot be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The Sample will be preserved for maximum of 15 days on request.





# Ganga Enviro Tech (OPC) Private Limited

ENGINEERING SOLUTION FOR POLLUTION

CPCB Recognized Environmental Laboratory Under E (P) Act 1986  
ISO 45001 : 2018 (OHSAS) CERTIFIED LABORATORY



TC-5551

Address: # 7676, 2<sup>nd</sup> Floor, "G.G. Complex", 4<sup>th</sup> Cross, Subhashnagar, Nelamangala, Bengaluru Rural Dist.: 562 123.  
+91 9535272266, E-mail : gangaenvirotech@gmail.com / gangaenvirotechlab@gmail.com. web : www.gangaenvirotech.in

## TEST REPORT

GPL/T/F/17

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT NOISE

Date: 09.07.2024

Address of the customer	Report Details	
M/s HUBBALLI DURABLE GOODS CLUSTER PRIVATE LIMITED Sy. No. 10-13, 20-22, 24-34 of Itigatti Village, Dharwad Taluk and Sy. No. 210-214 of Gamangatti Village, Hubli Taluk, Dharwad District	Monitoring done by	Raju K S, Field Technician
	Sampling procedure	IS 9989:1981 (Reaffirmed:2020)
	Date of monitoring	02.07.2024
	Date of sample receipt	03.07.2024
	Particulars	Ambient noise
	Environmental conditions	Normal
	Number of pages	1 of 1
	Sample number	GPL/2024/Jul/33
	Sample report number	GPL/2024/Jul/33
ULR number	TC555124000001767F	

### Day Time Ambient Noise

Sl. No.	Sample locations	Duration	Test method	Noise level in dB(A) Leq	Standard*
1	Near admin office area	11.40 AM- 11.45 AM	IS 9989:1981 (Reaffirmed:2020)	68.6	75 dB(A) Leq (6 AM-10 PM)
2	Near water treatment plant (WTP) area	11.50 AM- 11.55 AM		71.4	
<b>Inference</b>		Conforms to prescribed standard			

Note: 1. \* Limits as per The Noise Pollution (Regulation and Control) Rules, 2000.

  
AUTHORISED SIGNATORY  
Harish C S (T.M)

\*\*\*End of the report\*\*\*

Note : 1) The results listed above pertain only to the tested samples & applicable parameters. 2) This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and shouldnot be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The Sample will be preserved for maximum of 15 days on request.





# Ganga Enviro Tech (OPC) Private Limited



CPCB Recognized Environmental Laboratory Under E (P) Act 1986  
ISO 45001 : 2018 (OHSAS) CERTIFIED LABORATORY

# 7676, 2<sup>nd</sup> Floor, "G.G. Complex", 4<sup>th</sup> Cross, Subhashnagar, Nelamangala, Bengaluru Rural Dist.: 562 123  
☎ +91 8105490078, ✉ gangaenvirotech@gmail.com, 🌐 www.gangaenvirotech.in

## TEST REPORT

GPL/T/F/17

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT NOISE

Date: 20.08.2024

Address of the customer	Report Details	
<b>M/s HUBBALLI DURABLE GOODS CLUSTER PRIVATE LIMITED</b> Sy. No. 10-13, 20-22, 24-34 of Itigatti Village, Dharwad Taluk and Sy. No. 210-214 of Gamangatti Village, Hubli Taluk, Dharwad District	<b>Monitoring done by</b>	Raju K S, Field Technician
	<b>Sampling procedure</b>	IS 9989:1981 (Reaffirmed:2020)
	<b>Date of monitoring</b>	07.08.2024
	<b>Date of sample receipt</b>	08.08.2024
	<b>Particular</b>	Ambient Noise
	<b>Environmental condition</b>	Normal
	<b>Number of pages</b>	1 of 1
	<b>Sample number</b>	GPL/2024/Aug/101
	<b>Sample report number</b>	GPL/2024/Aug/101
	<b>ULR number</b>	TC555124000001933F

### Day Time Ambient Noise

Sl. No.	Sample Locations	Duration	Test Method	Noise level in dB(A) Leq	Standard*
1	Near admin office area	10.35 AM-10.40 AM	IS 9989:1981 (Reaffirmed:2020)	68.4	75 dB(A) Leq (6 AM-10 PM)
2	Near STP plant area	10.45 AM-10.50 AM		72.6	
<b>Inference</b>			Conforms to prescribed standard		

Note: 1. \* Limits as per The Noise Pollution (Regulation and Control) Rules, 2000.

  
**AUTHORISED SIGNATORY**  
Harish C S (T.M)

\*\*\*End of the report\*\*\*

Note: 1) The results listed above pertain only to the tested samples applicable parameters. 2) This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The Sample will be preserved for maximum of 15 days.



# Ganga Enviro Tech (OPC) Private Limited

CPCB Recognized Environmental Laboratory Under E (P) Act 1986  
ISO 45001 : 2018 (OHSAS) CERTIFIED LABORATORY



# 7676, 2<sup>nd</sup> Floor, "G.G. Complex", 4<sup>th</sup> Cross, Subhashnagar, Nelamangala, Bengaluru Rural Dist.: 562 123  
☎ +91 8105490078, ✉ gangaenvirotech@gmail.com, 🌐 www.gangaenvirotech.in

## TEST REPORT

GPL/T/F/17

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT NOISE

Date: 16.09.2024

Address of the customer	Report Details	
M/s HUBBALLI DURABLE GOODS CLUSTER PRIVATE LIMITED Sy. No. 10-13, 20-22, 24-34 of Itigatti Village, Dharwad Taluk and Sy. No. 210-214 of Gamangatti Village, Hubli Taluk, Dharwad District	Monitoring done by	Raju K S, Field Technician
	Sampling procedure	IS 9989:1981 (Reaffirmed:2020)
	Date of monitoring	03.09.2024
	Particular	Ambient Noise
	Date of sample receipt	04.09.2024
	Environmental condition	Normal
	Number of pages	1 of 1
	Sample number	GPL/2024/Sep/29
	Sample report number	GPL/2024/Sep/29
	ULR number	TC555124000002178F

### Day Time Ambient Noise

Sl. No.	Sample Locations	Duration	Test Method	Noise level in dB(A) Leq	Standard*
1	Near admin office area	10.15 AM-10.20 AM	IS 9989:1981 (Reaffirmed:2020)	64.6	75 dB(A) Leq (6 AM-10 PM)
2	Near ACPPL plant area	10.25 AM-10.30 AM		70.8	
<b>Inference</b>		Conforms to prescribed standard			

Note: 1. \* Limits as per The Noise Pollution (Regulation and Control) Rules, 2000.

  
**AUTHORISED SIGNATORY**  
Harish C S (T.M)

\*\*\*End of the report\*\*\*

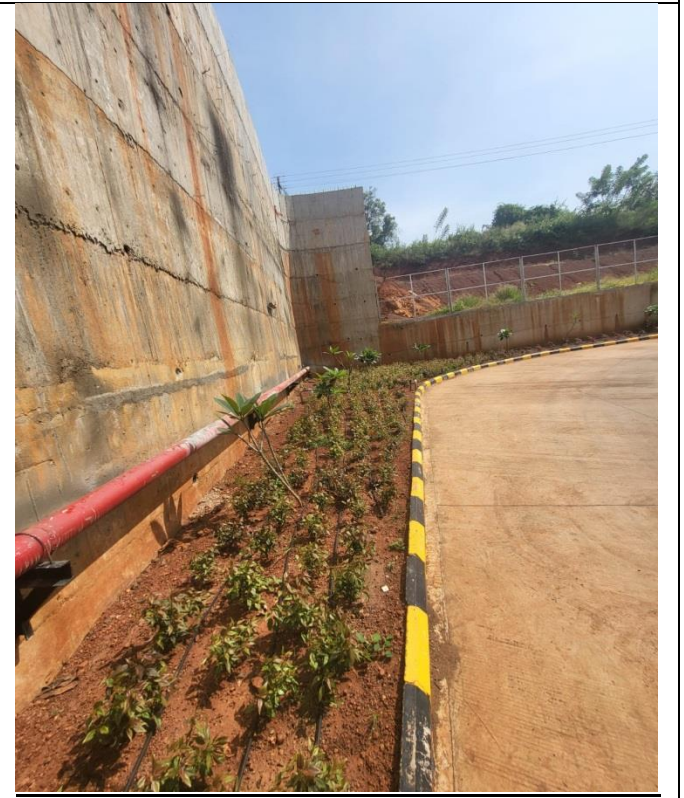
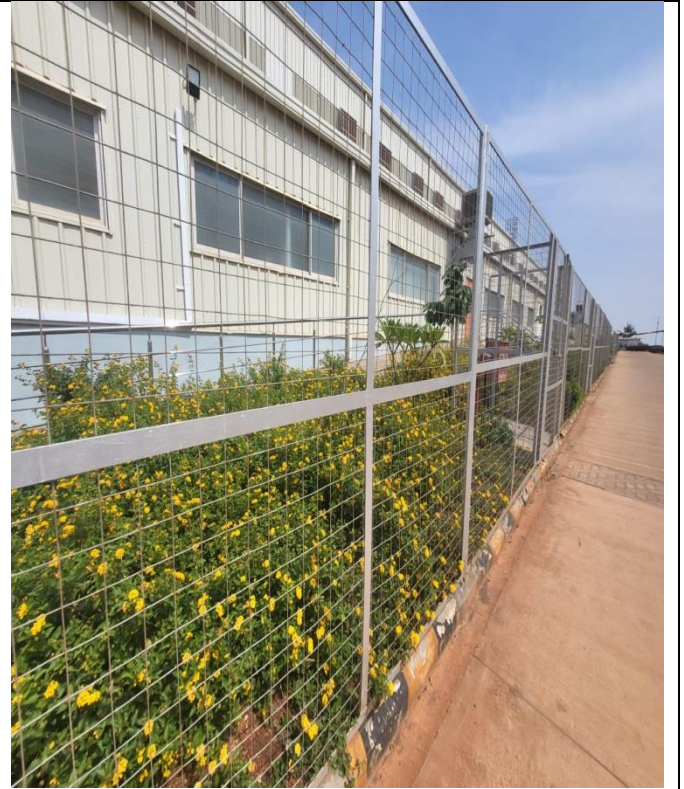
Note: 1) The results listed above pertain only to the tested samples applicable parameters. 2) This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The Sample will be preserved for maximum of 15 days.

---

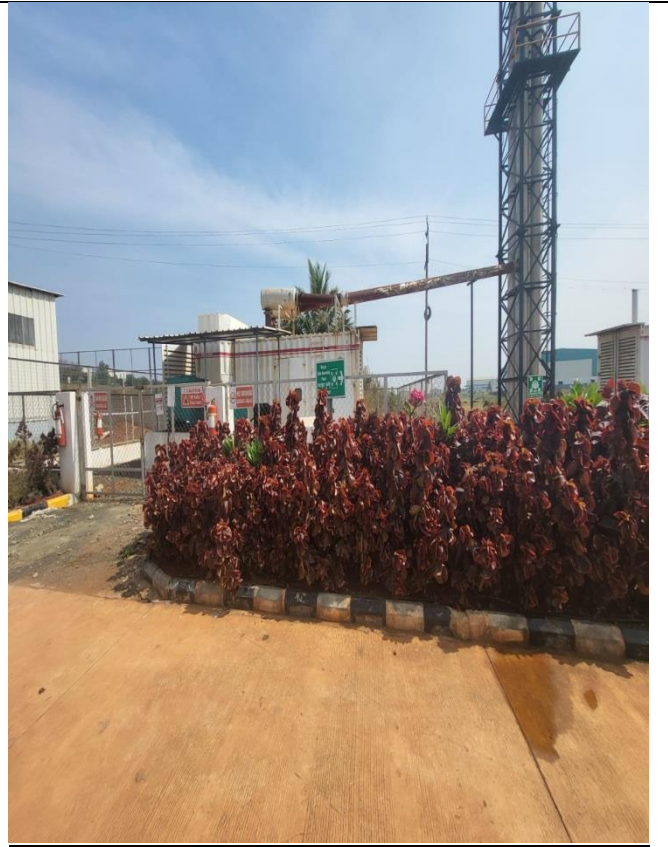
# ANNEXURE 10



Greenbelt Area







---

# ANNEXURE 11



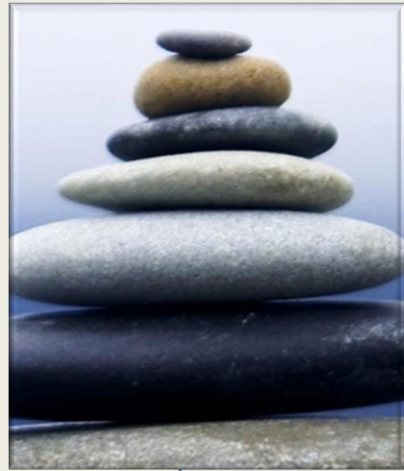


# Aequs Foundation





# Vision and Mission



## Vision:

- Inspiring and Educating students in STEAM\* education and Health at neighboring community of Aequs



## Mission :

- To bring about positive changes in our society that are measurable and sustainable

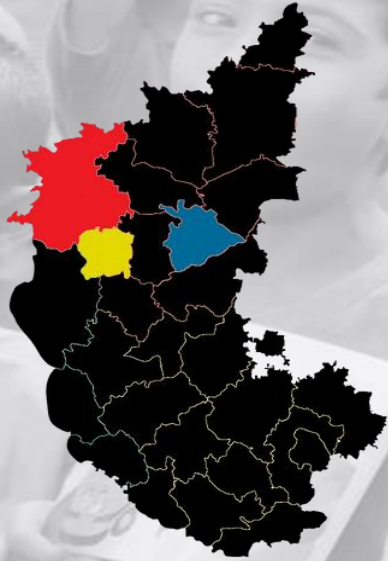


*\*STEAM: Science, Technology, Engineering, Arts and Math*



# AEQUS FOUNDATION

Journey so far...



**3**

**Districts**



**152**

**Schools**



**30,082**

**Students**



**2.72 Million**

**Learning Hours**



# Programs

## Programs

Cognitive Development Program

STEAM Literacy Program

Student Excel Program (STEP)

Health Awareness Program

To improve Foundation Literacy and Numeracy

To improve Awareness, Confidence, Curiosity, Knowledge and Application towards STEAM education

To assist students to achieve Excellence in Curricular and Co-Curricular performance

To achieve behavior, change towards Hygiene and Sanitary practices

Humara Gaon

Science Centre, Mobile Science Labs, After School Program

Career Orientation, Workbook Support

Health & Hygiene Education, Health Check Ups

Pratham Education Foundation

Agastya International Foundation

Youth for Seva

Youth for Seva

Objectives

Projects

Implementation Partner

# STEAM Literacy Program : Anasuya Melligeri Science & Technology Centre

## Projects & Initiatives

- Physics , Chemistry, Mathematics, Biology , Innovation, Robotics, Computer and Digital, Jumbo Models, Ecology & Library

## Location

- Hubballi

## Beneficiaries

- 39 Schools
- 5500 Students

## Learning Hours Till Now

- 6,00,000



**Science & Technology Centre**



**PCMB Labs**



**Library**



**Innovation Lab**



# STEAM Literacy Program : Mobile Science Labs

## Projects & Initiatives

- Labs for Physics , Chemistry, Mathematics, Biology , Innovation, Computer & Lab on Tab

## Location

- Belagavi : Hattargi, Hebbal
- Hubballi : Ittigatti
- Koppal : Banapur

## Beneficiaries

- 113 Schools
- 14,500 Students

## Learning Hours Till Now

- 7,95,000



**Mobile Lab**



**PCMB Lab**



**Innovation Lab**



**Computer Learning**



# Cost

1. Anasuya Melligeri Science & Technology Centre : Rs. 50,00,000/-
2. Mobile Science Lab : Rs. 23,00,000/-

# Our Journey...

- 2006-2007**
  - QuEST Global Manufacturing started as part of QuEST Global in Bengaluru
  - Aerospace Processing India (API) JV partnership set up with Magellan Aerospace, adding Surface Treatment capabilities to the Aerospace ecosystem
- 2009-2010**
  - Airbus and Boeing approve API's Surface Treatment facility, the first in India
  - Manufacturing operations commence at Belagavi SEZ
- 2011-2012**
  - SQUAD Forging India partnership established with Aubert & Duval, adding Forging & Heat Treatment capabilities to the Aerospace ecosystem
  - Aerostructures Assemblies (AAI) business established
- 2014**
  - India's largest Aerospace Hydraulic Press (10K tonne) becomes operational in Belagavi
  - QuEST Global Manufacturing is rebranded as "Aequs"
- 2015**
  - Dedicated machining facility for Airbus (100K sq.ft.) inaugurated at SEZ
  - Acquired aerospace manufacturing operations in North America
  - Launched Consumer vertical for Toy Manufacturing
- 2016**
  - Acquired aerospace manufacturing operations in Europe
  - Established India's only Aerospace FTWZ & Material Processing center
  - Received Airbus Innovation Award & Detailed Parts Partner (D2P) Status
- 2017**
  - Consumer manufacturing facilities become operational at Belagavi
  - First Airbus A321 door plug delivered from AAI
- 2018**
  - Introduced Flexible Manufacturing System (FMS) for Aerospace operations
  - Achieved 1 MN installed machining hours
  - Established Toy Manufacturing partnership with GFT
- 2019**
  - First in India to produce A321 Over Wing Exit Door (OWED) structural assemblies
  - Announced India's first ~400-acre Toy Manufacturing cluster at Koppal, Karnataka
- 2020**
  - Aequs in India certified as 'Great Place to Work' by GPTW for FY21
  - Received first Casing Industrialization Award from Safran Helicopter Engines (SHE)
- 2021**
  - Groundbreaking of India's first Toy Manufacturing cluster at Koppal
  - Completed 100th shipset of both Over Wing Exit Doors (OWED) & Plug Door assemblies
  - Ground-breaking of India's first Consumer Durable Goods Cluster at Hubballi
- 2022-2023**
  - On target to deliver the 1st vertically integrated, machined forging product out of India
  - Onward to creating up to 100% in-country / in-cluster value-add
  - 1st external fundraising with 2 rounds led by Amansa and Amicus
  - Launched new vertical **ATP**

**Thank You**

---

# ANNEXURE 12



## World Environment Day Celebration Across all CCPL Sites

**Theme:- “LAND RESTORATION, DESERTIFICATION and DROUGHT RESILIENCE”**

**AEQUS**  
ecosystems of efficiency

**ವಿಶ್ವ ಪರಿಸರ ದಿನ**  
5ನೇ ಜೂನ್ - 2024

**WORLD ENVIRONMENT DAY**  
June 5th - 2024



**Theme: LAND RESTORATION, DESERTIFICATION  
and DROUGHT RESILIENCE**

**ಧ್ಯೇಯ: ಭೂ ಮರುಸ್ಥಾಪನೆ, ಮರು ಭೂಮೀಕರಣ  
ಮತ್ತು ಬರದಿಂದ ಚೇತರಿಸಿಕೊಳ್ಳುವುದು**

## Environment Pledge

On this world environmental day,  
I pledge to do my part in protecting environment.  
I will implement the best practices that save &  
restore our planet Earth on every level, and I will  
reduce my carbon footprint by conserving  
energy, using sustainable transportation, and  
minimizing waste.

I will support initiatives that, promote  
conservation and sustainability.  
Together, we will work towards a healthier planet  
for current and future generations.





## Gifts Distribution for Landscaping Team





## Speech on how to reduce carbon footprint



*Emphasizing team on Reduce Reuse & Recycle*



## Sapling Plantation along with NALA at HDC





## Sapling Plantation along with NALA at HDC





## Sapling Plantation along with NALA at HDC





## Sapling Plantation along with NALA at HDC





## Sapling Plantation along with NALA at HDC

