

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

**Respected Sir,**

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


**Ref:** (1) Our EC No: SEIAA/200/CON/2008 Dt: 21<sup>st</sup> July 2009

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 ref(1).

Kindly accept and acknowledge the receipt of the same

Thanking you

for **AEQUS SEZ PRIVATE LIMITED**

  
**Authorized Signatory**

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

**Aequs SEZ Private Limited**

Corporate Identity Number: U45202KA2007PTC043154

Registered Office: No. 55, Whitefield main road, Mahadevapura Post, Bengaluru - 560048, Karnataka, India

Corporate Office Aequs SEZ, No. 437/A, Hattargi Village, Hukkeri Taluk, Belgaum - 591243

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**HALF YEARLY COMPLIANCE REPORT**

**(PERIOD: APRIL 2024 – SEPTEMBER 2024)**

**OF**

**DEVELOPMENT OF SECTOR SPECIFIC ECONOMIC ZONE  
FOR PRECISION ENGINEERING PROJECT**

**AT**

**Hattargi Village, Hukkeri Taluk, Belgaum District, Karnataka**

**BY**

**AEQUS SEZ PRIVATE LIMITED**

**PREPARED BY**

**GANGA ENVIRO TECH (OPC) PVT LTD**

**#7676, 2nd Floor, G G Complex, 4th Cross, Subhashnagar,  
Nelamangala, Bengaluru - 562123**

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### ANNEXURES

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**No. SEIAA: 200 : CON: 2008**  
**STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT**  
**AUTHORITY, KARNATAKA**

(Constituted by Ministry of Environment & Forests, Government of India)

Department of Ecology and Environment  
Room No.709, 7<sup>th</sup> Floor, IV-Gate,  
M.S. Building, Bangalore-560 001,  
Date: 21<sup>st</sup> July 2009.

To,

M/s. Quest SEZ Development Pvt. Ltd.,  
No. 2, First Floor, 21/2 Bhatrahalli,  
14<sup>th</sup> KM Old Madras Road,  
K. R. Puram Hobli,  
Bangalore - 560 049

Sir,

Sub: Development of sector specific special economic zone for precision engineering project at Hattargi Village, Hukkeri Taluk, Belgaum District by M/s. Quest SEZ Development Pvt. Ltd - issue of Environment Clearance -reg.

\*\*\*\*\*

This has reference to your application dated 27.06.2008 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 1, Form 1A and the additional clarifications furnished in response to the observations of the SEAC, Karnataka. SEAC has recommended for issue of environmental clearance in its meetings held on 21<sup>st</sup> March 2009.

2. It is, inter-alia, noted that M/s. Quest SEZ Development Pvt. Ltd, Bangalore have proposed for development of sector specific special economic zone for precision engineering on a plot area of 106.33 ha with 39 plots. Total parking space proposed is for 150 cars and 500 Two Wheelers. Total water consumption is 608 KLD. The total wastewater discharge is 240 KLD. It is proposed to construct Sewage Treatment Plant with a capacity of 240 KLD and an Effluent Treatment Plant of 200 KLD. The project cost is Rs. 37 crores.

3. 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 its meeting held on 15<sup>th</sup> May 2009, 19<sup>th</sup> & 20<sup>th</sup> June 2009 accorded environmental clearance as per the provisions of Environmental Impact Assessment Notification-2006 and its subsequent amendments, subject to strict compliance of the terms and conditions as follows: -



**Part A- SPECIFIC CONDITIONS****I. Construction Phase**

1. Set up an environment management cell and ensure that the cell manages / maintains all the environmental aspects such as sewage treatment, solid waste disposal, maintenance of green belt areas, etc., and in case the commercial space is sold / leased, then enter into an agreement with the prospective buyers 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
2. Appoint an Environment and safety engineer during the construction phase to take care of environment and safety aspects.
3. The project proponent should ensure that during the construction phase utmost care is taken to ensure that there is no noise nuisance, no air and water pollution and no disturbance to the nearby inhabitants. In case of violation, the project construction activity may have to be directed to be stopped.
4. The project proponent should cover the project site from all sides by raising sufficiently tall barricades with sheets to ensure that pollutants do not spill to the surroundings.
5. 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.
6. 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 construction work force.
7. A First Aid Room should be provided in the Project both during construction and operation of the project.
8. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
9. Provision shall be made for the housing of construction labourers within the site with all necessary infrastructures. The housing may be in the form of temporary structures to be removed after the completion of the project. The facilities shall include the crèche.
10. Provision should be made for the supply of fuel (kerosene or cooking gas); utensils such as pressure cookers etc. to the labourers during construction phase.
11. All the labourers to be engaged for construction should be screened for health and adequately treated before engaging them to work at the site and detailed report submitted to SEIAA. Safety standards as per National Building Code (NBC) should be ensured.

12. For disinfection of wastewater which is not meant for recycling for toilet flushing, use ultra violet radiation and not chlorination. For treated wastewater meant for reuse for toilet flushing, disinfect by using chlorination.
13. All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
14. Disposal of muck, construction debris during construction phase should 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.
15. Soil and ground water samples should be tested at the project site during the construction phase to ascertain that there is no threat to ground water quality by leaching of heavy metals and or other toxic contaminants and report submitted to SEIAA.
16. Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.
17. The diesel generator sets to be used during construction phase should be of low sulphur diesel type and should conform to E (P) Rules prescribed for air and noise emission standards.
18. Vehicles hired for bringing construction material to the site should be in good condition and should conform to the applicable air and noise emission standards and should be operated only during non-peak hours.
19. Ambient noise levels should conform to the residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures to reduce air and noise pollution during construction keeping in mind CPCB norms on noise limits.
20. Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on August 2003.
21. Ready mixed concrete must be used in building construction.
22. Storm water control and its re-use as per CGWB and BIS standards for various applications.
23. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices and only tertiary treated water shall be used for construction as per G.O. No. FBE 188 ENV 2003 dated 14.08.2003.
24. No ground water is to be drawn without permission from the Central Ground Water Authority.

25. Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.
26. Treatment of 100% grey water by decentralized treatment should be done.
27. Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
28. Use of glass shall not exceed 40% of exposed area to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.
29. Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material.
30. Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code which is proposed to be mandatory for all air conditioned spaces while it is optional for non-air conditioned spaces by use of appropriate thermal insulation material to fulfil requirement.
31. There will be no deviation from the activities specified.
32. Hazardous waste shall be handled as per the CPCB guidelines.
33. The proponent shall provide basic infrastructures facilities for 5 Government Schools in Belgaum and 1000 number saplings distributed to all the 5 schools towards the corporate social commitment made vide letter dated 25.05.2009 with a budget not less than Rs. 11.50 lakhs within the completion of the project as committed and report be submitted to the Authority.
34. The proponent shall develop "Energy Theme Park" towards the social commitment plan as proposed vide letter dated 06.07.2009 involving improved chulhas (fixed/portable type), solar photovoltaic, street lights, domestic lights and solar lanterns, solar water heating systems, solar cookers, solar stills, solar PV radio, solar PV power plant, solar PV pump and report be submitted to the Authority.

## II. Operation Phase.

- I. The installation of the Sewage Treatment Plant (STP) of total capacity 240 KLD and an Effluent Treatment Plant of 200 KLD should be carried out before the construction of the second floor of the main structure is commenced and the plant shall be got certified by an independent expert and a report in this regard should be submitted to the SEIAA immediately. Discharge of treated sewage shall conform to the norms & standards of the Karnataka State Pollution Control Board. Treated sewage should be used for flushing, gardening, etc. as proposed.

2. Rainwater harvesting for roof run-off with 3000 m<sup>3</sup> capacity of tank and 235 Nos. of recharge pits at ground level for rainwater collection and also surface run-off harvesting as per the plan submitted should be implemented. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease.
3. Insure that the excess runoff rainwater from the greenbelt area, which is irrigated by treated water, does not get into infiltration pits and contaminate the ground water. Such excess flow should be safely let in to the storm water drains.
4. The solid waste generated should be properly collected and segregated insitu. The Biodegradable organic waste be composted preferably by installing bio-converter in site and used. The non-biodegradable waste be disposed to the authorized recyclers.
5. Any hazardous waste including biomedical waste should be disposed-off as per the applicable Rules and norms with necessary approvals of the Karnataka State Pollution Control Board.
6. As agreed to by the project proponent, develop a minimum of 35.3 % of the project area i.e., minimum 37.5 ha area for green belt and plant with tree species at an espacement of 3 mts x 3 mts i.e. 1111 plants/hectare.

The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for industrial land use. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous variety planted in consultation with the Forest Department.

7. Green belt be developed with indigenous tree species in consultation with Forest Department.
8. Incremental pollution loads on the ambient air quality; noise and water quality should be periodically monitored after commissioning of the project.
9. Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating. A hybrid system or fully solar system for the complex should be provided. Details in this regard should be submitted to the SEIAA.
10. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
11. A Report on the energy conservation measures conforming to energy conservation norms finalized by the Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology, R & U Factors etc and submit to the SEIAA in three months time.
12. All toilets should have dual plumbing line and no wastewater is discharged from the unit.

13. The Environment Management Plan including the human health and Safety management plan and Fire Safety and Protection plan proposed by the proponent shall be strictly implemented.
14. The SEZ shall have D.C. Set of 2 X 1000 KVA as an alternate power supply source as proposed.
15. The industries proposed to be established in the SEZ shall obtained prior environmental clearance from the concerned regulatory Authority as per EIA Notification, 2006.

#### **PART - B. GENERAL CONDITIONS:**

1. The Environmental safeguards contained in the application should be implemented in letter and spirit.
2. All commitments made by the proponents in their application, and subsequent letters addressed to the SEAC/SEIAA should be accomplished before the construction work of the project is completed.
3. Half yearly monitoring reports should be submitted to the SEIAA and the Regional Office, MoEF, Bangalore.
4. Officials from the Department of Environment and Ecology, Bangalore / Regional Office of MoEF, Bangalore who would be monitoring the implementation of Environmental safeguards should be given full cooperation, facilities and documents / data by the project proponents during their inspection. A complete set of all the documents submitted to MoEF / SEIAA should be forwarded to the CXB, Regional Office of MoEF, Bangalore / Department of Environment and Ecology, Bangalore.
5. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Authority.
6. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environmental (Protection) Act, 1986.
7. Any Appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997
8. The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.

9. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the competent authorities.
10. The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the Karnataka State Pollution Control board and may also be seen on the website of the Environment and Ecology Department at <http://seiaa.kar.nic.in>. The advertisement should be made within 7 days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office of the MoEF at Bangalore/ Department of Environment and Ecology, Bangalore.
11. The project proponent should display the conditions prominently at the entrance of the project on a suitable size board for the information of the public.
12. These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.
13. Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it is found that construction of the project has been started without obtaining environmental clearance.
14. The issuance of Environment Clearance doesn't confer any right to the project proponent to operate/run the project without obtaining Statutory clearances/sanctions from all other concerned authorities.

Yours faithfully,

  
(KANWERPAL)  
Member Secretary,  
SEIAA.

**Copy to:**

1. The Secretary, Ministry of Environment & Forests, Government of India, Paryavaran Bhavan, CGO Complex, Lodi Road, New Delhi-110003.
2. The Secretary, Department of Ecology and Environment, Government of Karnataka, M.S. Building, Bangalore.

SEIAA 200 CON 2008

Development of sector specific SEZ for precision engineering  
project of M/s. Quest SEZ Development (P) Ltd.

3. The Member Secretary, Karnataka State Pollution Control Board,  
Bangalore.
4. The CCF, Regional Office, Ministry of Environment & Forests (S/),  
Kendriya Sadan, 1V<sup>th</sup> Floor, E & F wings, 17<sup>th</sup> Main Road, Koramangala  
II<sup>nd</sup> Block, Bangalore-560 034, Bangalore.
5. Guard File.





# State Level Environment Impact Assessment Authority-Karnataka

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

No. SEIAA 200 CON 2008

Date:01.06.2020

## CORRIGENDUM

The following corrections shall be incorporated in the Environmental Clearance letter No. SEIAA 200 CON 2008, dated 21<sup>st</sup> July 2009 issued to M/s. Quest SEZ Development Pvt. Ltd., No. 2, First Floor, 21/2 Bhatrahalli, 14<sup>th</sup> KM Old Madras Road, K. R. Puram Hobli, Bangalore – 560 049 for development of sector specific special economic zone for precision engineering project at Hattargi Village, Hukkeri Taluk, Belgaum District:

1. The project name, M/s. Quest SEZ Development Pvt. Ltd. wherever appears shall be corrected and read as:

“M/s Aequs SEZ Private Limited”

2. The 2<sup>nd</sup> para at page 1 shall be corrected and read as follows:

It is, inter-alia, noted that M/s Aequs SEZ Private Limited, Bangalore have proposed for development of sector specific special economic zone for precision engineering on a plot area of 106.33 ha with 39 plots. Total parking space proposed is for 300 cars and 1000 Two Wheelers. Total water consumption is 1200 KLD. The total wastewater discharge is 540 KLD. It is proposed to construct Sewage Treatment Plant with a capacity of 300 KLD X 2 and an Effluent Treatment Plant of 600 KLD. The project cost is Rs. 37 crores.

3. Specific Condition No. 1 in Operation Phase at page 4 shall be corrected and read as follows:

“The installation of the Sewage Treatment Plant (STP) of total capacity 300 KLD X 2 and an Effluent Treatment Plant of 600 KLD should be carried out before .....

4. Specific Condition No. 14 in Operation Phase at page 6 shall be corrected and read as follows:

“ The SEZ shall have D.G. Set of 4 X 1000 KVA and 4 X 2000 KVA as an alternate power supply source as proposed.

Rest of the contents and Terms of References in letter No.SEIAA 200 CON 2008, dated 21<sup>st</sup> July 2009 remains unchanged.



  
Vijayakumar Gogi)  
Member Secretary,  
SEIAA.

To,

M/s Aequs SEZ Private Limited,  
No. 2, First Floor, 21/2 Bhatrahalli,  
14<sup>th</sup> KM Old Madras Road,  
K. R. Puram Hobli, Bangalore



**Copy to:**

1. The Secretary, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhavan, Jor Bagh Road, Aliganj, New Delhi- 110003.
2. The Member Secretary, Karnataka State Pollution Control Board, Bangalore.
3. The APCCF, Regional Office, Ministry of Environment & Forests (SZ), Kendriya Sadan, IV Floor, E & F wings, 17<sup>th</sup> Main Road, Koramangala II Block, Bangalore-560 034.
4. Guard File.

**AEQUS SEZ PRIVATE LIMITED**

**Special Economic Zone Hattargi and Mastiholi Villages, Hukkeri Taluk, Belgaum, Karnataka**

**Compliance report to Environmental Clearance  
No: SEIAA: 200: CON: 2008 Dated: 21<sup>st</sup> July 2009  
(April 2024 to September 2024)**

| <b>Sl. No.</b> | <b>EC Conditions</b>  | <b>Compliance</b>  |
|----------------|---|--|
| 1              | <p>This has reference to your application dated 27.6.2008 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 - 1, Form - 1A and the additional clarification furnished in response to the observation of the SEAC, Karnataka. SEAC has recommended for issue of environmental clearance in its meeting held on 21<sup>st</sup> March 2009.</p> | <p>Noted and accepted.</p>   |
| 2              | <p>The M/s. <b>Aequs SEZ Private Limited</b>, Bengaluru have proposed for development of sector specific economic zone for precision engineering on a plot area of 106.33 ha with 39 plots. Total parking space proposed is for 300 cars and 1000 two wheelers. Total water consumption is 1200KLD. The total wastewater discharge is 540 KLD. It is proposed to construct sewage treatment plant with a capacity of 300 KLD X 2 and an Effluent Treatment Plant of 600 KLD. The project cost is Rs.37crores.<br/><b>(EC Corrigendum Dated: 01.06.2020)</b></p>   | <p><b>Complied.</b><br/>The source of water is tanker supply and consumption is within the limits as approved quantity.<br/>Effluent treatment is the responsibility of the individual unit holder generating the effluent. Currently M/s Aerospace Processing India Private Limited is generating the trade effluent and is being treated in-house and is recycled to the same unit. No changes are made in the area statement. Green Belt area, Parking, Roads, Built-up area remains same and updated layout plan is submitted along with previous compliance report.<br/>Presently we have STP capacity 300KLD X 1, another 300KLD X 1 STP will be construct in future based on the requirement.</p> |
| 3              | <p>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 its meeting held on 15<sup>th</sup> May 2009, 19<sup>th</sup> June 2009 accorded environmental clearance as per the provisions of Environmental Impact Assessment Notification - 2006 and its subsequent amendments, subject to strict compliance of the terms and conditions as</p>  | <p><b>Noted</b></p>  |

follows:

**Part A- SPECIFIC CONDITIONS**

**I. Construction phase**

|   |  |   |
|---|--|---|
| 1 | Set up an environment management cell and ensure that the cell manages/ maintains all the environmental aspects such as sewage treatment, solid waste disposal, maintenance of green belt areas, etc., and in case the commercial space is sold / leased, then they maintain the cell and take care of all environment project. In addition, sufficient fees should be levied so as to raise a corpus fund to maintain the Environment cell. | <b>Complied</b><br>There is dedicated EMC headed by a General Manager (EHS) is looking after the overall environmental management of the SEZ. The team comprises of Environmental Engineers and Supervisors the copy of the structure of EMC is submitted along with the previous compliance report.  |
| 2 | Appoint an Environment and safety engineer during the construction phase to take care of environment and safety aspects.   | Qualified Environment and safety engineer has appointed but currently no construction works are going on.   |
| 3 | The project proponent should ensure that during the construction phase utmost care is taken to ensure that there is no noise nuisance, no air and water pollution and no disturbance to the nearby inhabitants. In case of violation, the project construction activity may have to be directed to be stopped.   | <b>Complied</b><br>Utmost care was taken during the construction activities to combat the noise pollution, air pollution and water pollution. There were no complaints from the surrounding villagers.<br><br>Will ensure all safety measures will take care during future construction building.<br><br>Currently, the facility is now in the operational phase. |
| 4 | The project proponent should cover the project site from all sides by raising sufficiently tall barricades with sheets to ensure that pollutants do not spill to the surroundings.   | <b>Complied</b><br>Due care was taken during the construction of individual plots.<br>Will provide future construction buildings if any.  |
| 5 | 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.   | <b>Complied</b><br>Bell mounted entrance was provided at the entrance gate for smooth traffic flow. Main entrance is located at 35m from the edge of the service road.<br>Photograph was submitted along with previous compliance report  |
| 6 | 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 construction work force.   | <b>Complied</b><br>Temporary toilets and bathrooms were constructed at project site during construction for the work force.<br>We have Sufficient number of toilets/ bathrooms and the generated waste will be treated in Existing 300KLD STP and used for gardening.   |
| 7 | A First Aid Room should be provided in the Project both during construction and operation of the project.  | <b>Complied</b><br>Occupational Health center provided in the Project site which will be used for both construction and operational phase and the photographs are submitted along with previous compliance report.  |

|    |   |  |
|----|---|--|
| 8  | Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.  | <b>Complied</b><br>Adequate drinking water was made available for the work force during the construction and operation. Existing STP was been used for disposal of the wastewater generated from the toilets. Solid waste was collected and handed over to the authorized agency for disposal. |
| 9  | Provision shall be made for the housing of construction labourers within the site with all necessary infrastructures. The housing may be in the form of temporary structures to be removed after the completion of the project. The facilities shall include the creche.                              | Since the labour force engaged was from the nearby villages, there was no provision made for the housing of construction labourers in the project site. Since the female labour oriented job was very less crèche was not being operated.  |
| 10 | Provision should be made for the supply of fuel (Kerosene or cooking gas); utensils such as pressure cookers etc. to the labourers during construction phase.   | Fuel supply for the labourers is not applicable as they did not reside at the site.  |
| 11 | All the labourers to be engaged for construction should be screened for health and adequately treated before engaging them to work at the site and detailed report submitted to SEIAA. Safety standards as per National Building Code (NBC) should be ensured.  | <b>Complied</b><br>Labour health checkup was being done in OHC.  |
| 12 | For disinfection of wastewater which is not meant for recycling for toilet flushing, use ultra violet radiation and not chlorination. For treated wastewater meant for reuse for toilet flushing, disinfect by using chlorination.  | <b>Complied</b><br>Treated water from STP was being used for landscaping only (as the qty of treated water was sufficient to water the land scape)   |
| 13 | All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.  | <b>Complied</b><br>Topsoil excavated during construction was used for landscape development within the project site. Construction works are currently not being held.  |
| 14 | Disposal of muck, construction debris during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspect of people, only in approved sites with the approval of competent authority. | <b>Complied</b><br>Construction debris was not disposed anywhere outside the project site. It was used for filling and leveling of the low lying areas within the project site.  |
| 15 | Soil and ground water samples should be tested at the project site during the construction phase to ascertain that there is no threat to ground water quality by leaching of heavy metals and or other toxic contaminants and report submitted to SEIAA.  | <b>Complied</b><br>Currently, no construction works are involved and now the facility is under operation. However care was taken to prevent ground water contamination and the test reports are submitted along with previous compliance report.   |
| 16 | Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground   | <b>Complied</b><br>There was no bituminous material or any other hazardous materials in the construction spoils. Bituminous material was prepared at HMP (about 8 km away from SEZ campus) &   |

|    |   |   |
|----|---|---|
|    | water.  | transported in truck & laid. There were no emissions during the asphaltting   |
| 17 | The diesel generator sets to be used during construction phase should be of low Sulphur diesel type and should conform to E (P) Rules prescribed for air and noise emission standards.  | <b>Complied</b><br>200KVA DG sets are using LSD only and are provided with mufflers, silencers and acoustic enclosures with a suitable chimney height (30mtrs) the photos of the same was submitted along with the previous compliance report.  |
| 18 | Vehicles hired for bringing construction material to the site should be in good conduction and should confirm to the applicable air noise emission standards and should be operated only during non-peak hours.   | <b>Complied</b><br>Vehicles used for transportation of building materials were of good condition confirming all air and noise emission standards, being verified at the entrance before entering the SEZ premises.  |
| 19 | Ambient noise levels should confirm to the residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures to reduce air and noise pollution during construction keeping in mind CPCB norms on noise limits. | <b>Complied</b><br>Currently, no construction works are involved and now the facility is in operation phase.<br><br>The Ambient Air and Noise monitoring report was submitted during the construction phase.  |
| 20 | Fly ash should be used as building material in the construction as per the provisions of fly ash notification of September 1999 and amended as on August 2003.  | Fly ash was not available around campus, however we were using PPC (20-25% fly ash) where ever feasible.  |
| 21 | Ready mixed concrete must be used in building construction.   | Ready mix plant was not available around SEZ campus. Hence site mix was practiced.  |
| 22 | Storm water control and its re-use as per CGWB and BIS standards for various applications.  | <b>Complied</b><br>Storm water collection pond is built to hold about 12 Million Ltr of water the photos of the same was submitted along with the previous compliance report.   |
| 23 | Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices and only tertiary treated water shall be used for construction as per G.O.No. FEE 188 ENV 2003 dated 14.08.2003.  | <b>Noted</b><br>Treated water from STP / Rain water collected was used for construction activity and gardening.   |
| 24 | No ground water is to be drawn without permission from the central ground water authority.  | <b>Noted</b><br>Water was obtained from outside tanker supply during construction phase and operational phase.  |
| 25 | Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.  | Currently, no construction works are involved and presently facility is in operation phase. Since the quantity of sewage was huge, separation of grey & black water was not done. However the combined water was taken for treatment in the STP & treated water was being used for landscaping. |
| 26 | Treatment of 100% grey water by decentralized treatment should be done.   | All the sewage generated by industries will be collected and treated in 300KLD STP handled by   |

|                             |  |  |
|-----------------------------|--|--|
|                             |  | Aeque SEZ Pvt. Ltd.  |
| 27                          | Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.   | <b>Complied</b><br>Taps with aerators were used & self-close taps were used at urinals.  |
| 28                          | Use of glass shall not exceed 40% of exposed area to reduce the electricity consumption and load on air conditioning. If necessary; use high quality double glass with special reflective coating in windows.  | <b>Complied</b><br>15% glass is used for windows in admin block<br>Usage of glass is less than 5% in other areas.<br>Photographic evidence of the same was provided in previous compliance report.   |
| 29                          | Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material.   | <b>Complied</b><br>Galvalume sheets with synthetic insulating material is used for roof & sides cladding   |
| 30                          | Opaque walls should meet prescriptive requirement as per energy conservation Building Code which is proposed to be mandatory for all air conditioned spaces while it is optional for non- air conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.   | <b>Complied</b><br>Since the units proposed come up are of pre-fabricated structures, roof is made up of special sheets meant for thermal insulation also; however suitable thermal insulation material is used as per Energy Conservation Building Code.  |
| 31                          | There will be no deviation from the activities specified.  | No. It is specifically meant for precision engineering activity only.  |
| 32                          | Hazardous waste shall be handled as per the CPCB guidelines.   | <b>Complied</b><br>All the Hazardous waste generated was collected and disposed as per the H&OW (MH&TM) Rules 2016.<br>In operational phase the Individual industries can handle and obtained HWM Authorization from the Board.  |
| 33                          | The proponent shall provide basic infrastructures facilities for 5 Government Schools Belgaum and 1000 Number Saplings distributed to all the 5 Schools towards the corporate social commitment made vide letter dated 25.05.2009 with a budget not less than Rs.11.50 Lakh within the completion of the project has committed and report be submitted to the authority.                                     | <b>Complied</b><br>Our company has invested Rs. 48lakhs in our CSR activities under aeque foundation and this initiative is ongoing.<br>The details are enclosed as <b>Annexure-1</b> .  |
| 34                          | The proponent shall develop "Energy Theme Park" towards the social commitment plan as proposed vide letter dated 06.07.2009 involving improved chulhas (fixed/portable type), solar photovoltaic, street lights, domestic lights and solar lanterns, solar water heating systems, solar cookers, solar stills, solar PV radio, solar PV power plant, solar PV pump and report be submitted to the Authority. | The installation of solar panels for the Energy Theme Park, with a total capacity of 2000 kW and covering a roof area of 20,255sqm, has been completed. The generated solar power is now being connected to the SEZ power grid and used within the complex for various uses. The photographs of the same are enclosed as <b>Annexure-2</b> . |
| <b>II: Operation Phase.</b> |  |  |
| 1                           | The installation of the Sewage Treatment Plant (STP) of total capacity 300KLD x 2Nos and an Effluent Treatment Plant of 600 KLD should be carried out before the construction of the second  | 50KLD was initially constructed for operation. As the SEZ was growing, it was planned to construct 300KLD and is now under operation. Copy of STP photos were submitted along with   |

|   |  |   |
|---|--|---|
|   | <p>floor of the main structure is commenced and the plant shall be got certified by an independent expert and a report in this regard should be submitted to the SEIAA immediately. Discharge of treated sewage shall conform to the norms and standards of the Karnataka State Pollution Control Board Treated sewage should be used for flushing, gardening, etc. as proposed.<br/><b>(EC Corrigendum Dated: 01.06.2020)</b></p> | <p>the previous compliance report.<br/>The valid CFO copy is enclosed as <b>Annexure-3</b>.<br/>Effluent treatment is the responsibility of the individual unit holder generating the effluent. Currently M/s Aerospace Processing India Private Limited is generating the trade effluent and is being treated in-house and is recycled to the same unit. Prior permission was taken from KSPCB. The performance evaluation reports of ETP and performance of STP is satisfactory certified by independent expert is submitted along with previous compliance report.</p>   |
| 2 | <p>Rain water harvesting for roof run – off with 3000 m<sup>3</sup> capacity of tank and 235 Nos of recharge pits at ground level for rain water collection and also surface run-off harvesting as per the plan submitted should be implemented. Before recharging the surface run-off, pre-treatment must be done to remove suspended matter, oil and grease.</p>   | <p>Rain water from roof run off &amp; road channelized &amp; collected at rain water harvesting pond with a capacity of around 12 million lts.<br/><br/>The rainwater recharge pits construction work is under process and the photographs are enclosed as <b>Annexure-4</b>.</p>   |
| 3 | <p>Ensure that the excess run-off rain water from the green belt area, which is irrigated by treated water, doesn't get into infiltration pits and contaminate the ground water. Such excess flow should be safely let into the storm water drains.</p>  | <p><b>Complied</b><br/>The excess runoff is safely let into the storm water drains.</p>   |
| 4 | <p>The solid waste generated should be properly collected and segregated insitu. The Biodegradable organic waste be composted preferably by installing bio-converter in site and used. The non – biodegradable waste be disposed to the authorized recycler.</p>   | <p><b>Complied</b><br/>The garden waste and other biodegradables are being treated with in campus to form the compost and reuse for garden.<br/>200KG Capacity Biogas Plant installed operated on a daily basis for food waste management. The generated decomposed organic matter will be used as manure for on-land gardening and the generated bio-gas will be used as fuel for cooking purpose. The log sheets are enclosed as <b>Annexure-5</b>.<br/>Other non – biodegradable solid waste is being disposed to authorized vendors.</p>  |
| 5 | <p>Any hazardous waste including bio-medical waste should be disposed- off as per the applicable rules and norms with necessary approvals of the Karnataka State Pollution Control Board.</p>  | <p><b>Complied</b><br/>The hazardous waste generated from Aequus SEZ Pvt. Ltd. &amp; other Respective industries setups in our industrial area are handling the wastes as per the H&amp;OW (MH&amp;TM) Rules 2016. Form IV is being submitted to KSPCB regularly.<br/>Bio-medical waste is being handled by the EHS team. An authorization is being obtained from KSPCB for generation, collection, storage, packaging &amp; transportation of bio-medical waste and is annexed as <b>Annexure-6</b>. Bio-medical waste disposal register is being maintained and copy of the same is annexed as <b>Annexure-7</b>.</p> |
| 6 | <p>As agreed to by the project proponent, develop a</p>  | <p><b>Complied</b></p>  |

|    |   |   |
|----|---|---|
|    | <p>minimum of 35.3% of the project area i.e., minimum 37.5.ha area for green belt and plant with tree species at a spacement of 3mts X 3 mts i.e.1111 plants/hectare.</p> <p>The green belt design along the periphery of the plot shall achieve attenuation factor confirming to the day and night noise standards prescribed for industrial land use. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous variety planted in consultation with the Forest Department.</p> | <p>Totally 7200 tress/plants are being planted &amp; developed in 37.5ha land of which 4500 saplings are planted all along the project boundary. About 250 saplings were planted on the Azadika Amrut Mahostav 2021 &amp;</p> <p>During the period January-June 2022 Tree plantation organized and around 100+ trees planted across Belagavi city and schools with Green Saviors with AEQUS volunteers and the photographs of the same are submitted along with previous compliance report.</p> <p>Also, during the January-June 2023 Tree plantation organized and around 100+ trees planted within the project site and the photographs same are submitted along with previous compliance report.</p> |
| 7  | Green belt be developed with indigenous tree species in consultation with Forest Department.  | <p><b>Complied</b></p> <p>In consultation with the Forest Department species like Teak, Silver Oak, Honge, Neem, Wild Neem, Sandalwood Trees and other indigenous species are being planted and maintained.</p>   |
| 8  | Incremental pollution loads on the ambient air quality; noise and water quality should be periodically monitored after commissioning of the project.  | <p><b>Complied</b></p> <p>Ambient air quality, noise levels and water quality are being measured once in a month. Reports of past 6months are enclosed as <b>Annexure-8.</b></p>  |
| 9  | Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating. A hybrid system or fully solar system for the complex should be provided. Details in this regard should be submitted to the SEIAA.  | <p><b>Complied</b></p> <p>The installation of solar panels for the Energy Theme Park, with a total capacity of 2000 kW and covering a roof area of 20,255sqm, has been completed. The generated solar power is now being connected to the SEZ power grid and used within the complex for various uses.</p>  |
| 10 | Traffic congestion near the entry and exit points from the roads adjoining the proposed project sites must be avoided. Parking should be fully internalized and no public space should be utilized.   | <p><b>Complied</b></p> <p>15mtr entry roads provided from the service road &amp; main gate located 35mtrs away from the service road. Sufficient parking has been provided to avoid congestion of traffic.</p>  |
| 11 | A Report on the energy conservation measures confirming to energy conservation norms finalized by the Bureau of Energy Efficiency should be prepared incorporating details about building materials and technology, R&U Factors etc., And submit to the SEIAA in 3 months' time.  | <p>Office spaces are provided with CFL &amp; shop floor provided with T5 energy saver light fixtures. Street lights are provided with LED fixtures with sensors to switch On &amp; Off.</p> <p>Other fittings are provided with group switches &amp; used to switch off when not in use.</p>  |
| 12 | All toilets should have dual plumbing line and no wastewater is discharged from the unit.   | <p>Recycled/treated water is not used in toilet for flushing. Treated water is completely used for land scape.</p>  |
| 13 | The Environment Management Plan including the Human Health and Safety management plan and Fire Safety and Protection plan proposed by the proponent shall be strictly implemented.  | <p><b>Complied</b></p> <p>We are ISO 14001 certified company, all Environment Management Plan including the Human Health, Safety management plan, Fire Safety and Protection plan are being strictly</p>  |



|    |  |  |
|----|--|--|
|    |  | implemented.   |
| 14 | The SEZ shall have D.G Set of 4x1000 KVA and 4x2000KVA as an alternate power supply source as proposed.<br><b>(EC Corrigendum Dated: 01.06.2020)</b>                   | We have installed all the 2Nos of D.G Sets 1065KVAX2 as approved from the KSPCB for backup power.<br>Currently, We have initiating an another unit in our SEZ campus and this unit had already obtained CFE for 4x2000KVA DG sets from the Board and currently 3Nos of D.G. Sets are installed and reaming 1No. of D.G. Set under process.<br>The copy of the CFE is submitted along with previous compliance report.<br>Similarly, the CFO obtained from the Board and the CFO copy is submitted along with previous compliance report. |
| 15 | The industries proposed to be established in the SEZ shall obtain prior environmental clearance from the concerned regulatory Authority as per EIA Notification, 2006. | Since there is EC for whole of SEZ for precision engineering activity, individual units does not require separate EC. However if there is any deviation in this, applicable clearance shall be sought. The CFO copies of individual industries are submitted along with previous compliance report.  |

**PART-B. GENERAL CONDITIONS**

|   |   |  |
|---|---|--|
| 1 | The Environmental safeguards contained in the application should be implemented in letter and spirit.   | <b>Complied</b><br>Said Environmental safeguard conditions are practiced on priority.  |
| 2 | All commitments made by the proponents in their application, and subsequent letters addressed to the SEAC/SEIAA should be accomplished before the construction work of the project is completed.  | <b>Complied</b><br>All commitments made by the proponent with respect to EC condition no. 33 of Construction phase is been fulfilled.  |
| 3 | Half yearly monitoring reports should be submitted to the SEIAA & the Regional Office, MoEF, Bangalore.   | Noted.<br>The half-yearly monitoring test reports, attached as <b>Annexure-8</b> , have been regularly submitted to SEIAA, Karnataka and the Regional Office of MoEF in Bangalore. |
| 4 | Officials from the Department of Environment and Ecology, Bangalore/Regional Office of MoEF, Bangalore who would be monitoring the implementation of Environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection. A complete set of all documents submitted to MoEF/SEIAA should be forwarded to the CCF, Regional Office of MoEF, Bangalore/Department of Environment and Ecology, Bangalore. | <b>Noted &amp; Agreed</b>  |
| 5 | In the case of any change (s) in the scope of the project, the project would require a fresh appraisal by this Authority.   | <b>Noted and Agreed</b>  |
| 6 | Concealing factual data or submission of false/fabricated data and failure to comply any of the   | <b>Agreed</b>  |

|    |  |  |
|----|--|--|
|    | conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of environmental (Protection) Act, 1986.   |  |
| 7  | Any appeal against this environmental clearance shall lie with the National Environmental Appellate Authority, if preferred, within a period of 30 days as prescribed under section 11 of the National Environment Appellate Authority Act, 1997.  | <b>Noted</b>   |
| 8  | The Authority reserves the right to add additional safeguard measures subsequently , if found necessary , and to take action including revoking of the environmental clearance under the provisions of the Environment (Protection) Act , 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.  | <b>Agreed</b>  |
| 9  | All other statutory clearance such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wild Life (Protection) Act 1972 etc. shall be obtained, as applicable by project proponents from the competent authorities.   | <b>Complied</b><br>NOC obtained from Chief Controller of Explosives- NA<br>NOC obtained from Fire Department. The Fire Department NOC was submitted along with the previous compliance<br>NOC from Civil Aviation Department – Not Applicable.<br>NOC from Forest Conservation and wildlife protection – Not Applicable. |
| 10 | The project proponent should advertise in at least 2 local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental clearance and copies of clearance letters are available with the Karnataka State Pollution Control Board may also be seen on the website of the Environment and Ecology Department at <a href="http://seiaa.kar.nic.in">http://seiaa.kar.nic.in</a> . The advertisement should be made within seven days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office of the MoEF at Bangalore/ Department of Environment and Ecology, Bangalore | <b>Complied</b><br>The copy of the Newspaper advertisement is submitted along with previous compliance report.   |
| 11 | The project proponent should display the conditions prominently at the entrance of the project on a suitable size board for the information of the public.   | <b>Complied</b><br>EC conditions are being displayed at the entrance. Photograph was submitted along with the previous compliance.   |
| 12 | These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) act 1981, the Environmental (Protection) Act, 1986,   | <b>Complied.</b>   |

|    |  |              |
|----|--|--------------|
|    | the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.   |              |
| 13 | Under the Provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project has been started without obtaining environmental clearance.                                  | <b>Noted</b> |
| 14 | The issuance of Environment Clearance doesn't confer any right to the project proponent to operate / run the project without obtaining Statutory clearances/ sanctions from all other concerned authorities. | <b>Noted</b> |

for **AEQUS SEZ PRIVATE LIMITED**



**Authorized Signatory**

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# ANNEXURE 1

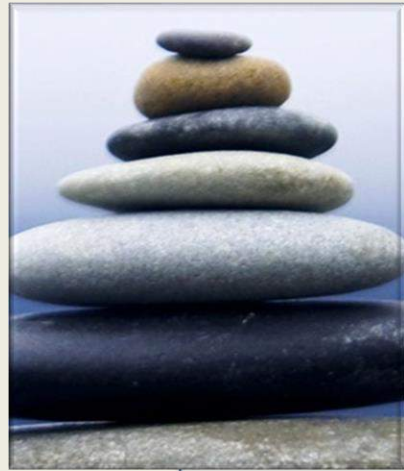


# Aequs Foundation





# 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



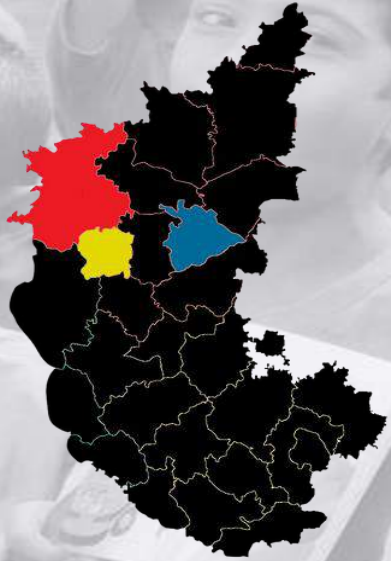
*\*STEAM: Science, Technology, Engineering, Arts and Math*



# Journey so far

# 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





# 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**



# STEAM Literacy Program : Other Projects

## Projects & Initiatives

- After School Centers
- Science Fairs
- Make Your Own Lab
- Yuvacharya

## Location

- Belagavi
- Hubballi
- Koppal

## Beneficiaries

- After School Centres : 600 students, 25 Villages
- Yuvacharya – 8 B.Ed Colleges  
350 Future Teachers

## Learning Hours Till Now

- After School Centres : 6,50,000
- Yuvacharya : 25,000



**After School Centres**



**Avishkar : Science Fair**



**Make Your Own Lab : Teacher's Training**



**Yuvacharya : B.Ed Student Training**



# Student Excel Program

## Projects & Initiatives

- Ignite – Career Orientation & Soft Skill Development
- Scholarship Support & Training
- Workbook Support



**Ignite**



**Scholarship Assistance**

## Location

- Belagavi
- Koppal

## Beneficiaries

- High School Students from 8<sup>th</sup> to 10<sup>th</sup> std



**Workbook Support**



**NMMS Exam Training**

## Learning Hours Till Now

- 75,000



# Health Awareness Program

## Projects & Initiatives

- WASH- Happy School
- Comprehensive Health Screening
- Health & Hygiene Education
- Eye & Deafness Care

## Location

- Belagavi

## Beneficiaries

- 20 Schools and 4500 students

## Learning Hours Till Now

- 45,500



**WASH - Happy School**



**Comprehensive Health Screening**



**Health & Hygiene Education**



**Eye Care and Hearing Aid**



# AEQATRA - Employee Volunteering Program & One Precious Notebook

## Projects & Initiatives

- Volunteering initiatives –
- One Precious Notebook, Cloth Donation, Avishkar, Ignite, Tree Plantation, Etc

## Location

- Belagavi
- Hubballi
- Koppal

## Beneficiaries

- One Precious Notebook-
- 34000 Notebooks
- 4500 Students,24 Schools

## Volunteering Hours Till Now

- 500 Plus Volunteers
- 2600 Plus Volunteering Hours



**One Precious Notebook**



**One Precious Notebook**



**Cloth Donation**



**Ignite**

1. STEAM Literacy Program : Rs. 30,00,000/-
2. Student Excel Program : Rs. 3,00,000/-
3. One Precious Notebook : Rs. 15,00,000/-



# 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

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# ANNEXURE 2



# AEQUS SEZ- Belagavi Solar Project



## MISSION

To deliver **increasing value** to our stakeholders through innovative, efficient, **global ecosystems**



## VISION

To be a **preferred global partner** in every market we serve



## VALUES

**Transparency**  
**Trust**  
**Respect**

# Roof Top Solar Panel

Solar Panel on the Roof Top : **2000kw**



# Roof Top Solar Panel



- Solar Commissioning has initiated on 21/11/24.
- Total capacity 2000 KW.
- total roof area of 20,255 sq mts.





# Our Journey...

- Airbus and Boeing approve API's Surface Treatment facility, the first in India
- Manufacturing operations commence at Belagavi SEZ



**2009-2010**

- India's largest Aerospace Hydraulic Press (10K tonne) becomes operational in Belagavi
- QuEST Global Manufacturing is rebranded as "Aequis"



**2014**

- Acquired aerospace manufacturing operations in Europe
- Established India's only Aerospace FTWZ & Material Processing center
- Received Airbus Innovation Award & Detailed Parts Partner (D2P) Status



**2016**

- Introduced Flexible Manufacturing System (FMS) for Aerospace operations
- Achieved 1 MN installed machining hours
- Established Toy Manufacturing partnership with GFT



**2018**

- Aequis in India certified as 'Great Place to Work' by GPTW for FY21
- Received first Casing Industrialization Award from Safran Helicopter Engines (SHE)



**2020**

- 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

**2022-2023**

**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

**2011-2012**



- SquAD Forging India partnership established with Aubert & Duval, adding Forging & Heat Treatment capabilities to the Aerospace ecosystem
- Aerostructures Assemblies (AAI) business established

**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

**2017**



- Consumer manufacturing facilities become operational at Belagavi
- First Airbus A321 door plug delivered from AAI

**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

**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

**Thank You**

**Incredible Past**

**Inspiring Future**

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# ANNEXURE 3



**Consent For Operation  
(CFO-Air,Water)**

**Consent No. AW-328405  
Valid upto: 30/06/2026**

**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 5 pages including annexure & excluding additional conditions)

**Combined Consent Order No.** AW-328405 **PCB ID:** 12290 **Date:** 30/11/2021

**Combined consent for discharge of effluents under the Water (Prevention and Control of Pollution) Act , 1974 and emission under the Air (Prevention and Control of Pollution) Act , 1981**

- Ref: 1. Application filed by the applicant/organization on 30/08/2021  
 2. Inspection of the Industry/organization/by RO, on 25/08/2021  
 3. Proceedings of the ECM dated 06/11/2021 , held on 31/10/2021

Consent is hereby granted to the Occupier under Section 25(4) of the Water (Prevention & Control of Pollution) Act, 1974 ( herein referred to as the Water Act) & Section 21 of Air (Prevention & Control of Pollution) Act, 1981, ( herein referred to as the Air Act) and the Rules and Orders made there under and authorized the Occupier to operate /carryout industry/activity & to make discharge of the effluents & emissions conforming to the stipulated standards from the premises mentioned below and subject to the terms and conditions as detailed in the Schedule Annexed to this order.

**Location:**

Name of the Industry: Aequs SEZ Pvt. Ltd.  
Address: Sy.No.437/A, 438 & 439, , Hattargi village, Hukkeri Taluk, Belgaum District  
Industrial Area: Not In I.A, Hattargi,  
Taluk: Hukkeri, District: Chikkodi

**CONDITIONS:**

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

| Sr | Water Code       | WC(KLD) | WWG(KLD) | Remark   |
|----|------------------|---------|----------|--|
| 1  | Domestic Purpose | 300.000 | 240.000  | Sewage is treated in STP of capacity 300KLD and treated water is used for onland for gardening |
| 2  | Others .....     | 300.000 | 0.000    | supplied to industries within SEZ  |

**b) Discharge of Air emissions under the Air Act from the following stacks etc.**

| Sl. No.  | Description of chimney/outlet | Limits specified refer schedule |
|--|-------------------------------|---------------------------------|
| The details of Sources, control equipments and its specification, type of fuel, constituents to be controlled in emissions etc. are detailed in Annexure-II. |                               |                                 |

The consent for operation is granted considering the following activities/Products;

| Sr | Product Name  | Applied Qty/Month | Unit |
|----|---------------|-------------------|------|
| 1  | NOT APLICABLE | 0.000             | ---  |

**This consent is valid for the period from** 30/11/2021 **to** 30/06/2026

To,  
Aequs SEZ Pvt. Ltd.

**COPY TO:**

- The Environmental Officer, KSPCB, Regional Office Belgaum (Chikkodi) for information and necessary action.  
 2. Master Register.  
 3. Case file.

Consent Fee paid : Rs. 500000



**Consent For Operation  
(CFO-Air,Water)**

Consent No. AW-328405  
Valid upto: 30/06/2026

Industry Colour: RED Industry Scale: LARGE

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

(This document contains 5 pages including annexure & excluding additional conditions)

**SCHEDULE**

**TERMS AND CONDITIONS**

**A. TREATMENT AND DISPOSAL OF EFFLUENTS UNDER THE WATER ACT.**

1. The discharge from the premises of the occupier 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/Rules made there under.
- 2(a). The sewage/domestic effluent shall be treated in septic tank and with soak pit. No overflow from the soak pit is allowed. The septic tank and soak pit shall be as per IS 2470 Part-I & Part-II.
- 2(b). The treated sewage effluent discharged shall conform to the standards specified in Annexure-I.
- 3(a). The trade effluent generated in the industry shall be treated in the ETP and treated effluent shall conform to the standards stipulated by the Board in Annexure-I
- 3(b). The trade effluent shall be handed over to CETP and maintain logbook of effluent generated & sent every day.
4. The applicant shall install flow measuring/recording devices to record the discharge quantity and maintain the record.
5. The applicant shall not change or alter either the quality or the quantity or the place of discharge or temperature or the point of discharge without the previous consent/ permission of the Board.
6. The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises. Storm water shall not be allowed to mix with the effluents on the upstream of the terminal manhole where the flow measuring devices are installed.
7. The daily quantity of domestic effluent and trade effluent from the industry shall not exceed the limits as indicated in this consent order:
8. The applicant shall discharge the effluents only to the place mentioned in the Consent order and discharge of treated/untreated outside the premises is not permitted.

**B. EMISSIONS:**

1. The discharge of emissions from the premises of the applicant shall pass through the air pollution control equipment and discharged through stacks/chimneys mentioned in **Annexure-II** where from the Board shall be free to collect the samples at any time in accordance with the provisions of the Act and Rules made there under. The tolerance limits of the constituents forming the emissions in each of the stacks shall not exceed the limits laid down in Annexure-II.
2. 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.
3. The applicant shall upgrade/modify/replace the control equipment with prior permission of the Board.

**C. MONITORING & REPORTING:**

1. The applicant shall get the samples of effluents & emissions collected and get them analyzed once a month/either by in house monitoring laboratory or through EP approved laboratories for the parameters as Indicated in Annexure I & II.
2. The applicant shall maintain log books to reflect the working condition of pollution control systems and also self monitoring results and keep it open for inspection.

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

1. The applicant shall segregate solid waste from Hazardous Waste, Municipal Solid Waste and store it properly till treatment/disposal without causing pollution to the surrounding Environment.
2. The solid waste generated shall be handled & disposed by scientific method without causing eye sore to the general public and to the surrounding environment.



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Valid upto: 30/06/2026

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Industry Colour: RED Industry Scale: LARGE

(This document contains 5 pages including annexure & excluding additional conditions)

**E. 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.

**F. HAZARDOUS AND OTHER WASTES (MANAGEMENT & TRANSBOUNDARY MOVEMENT) Rules 2016:**

The applicant shall comply with the provisions of the Hazardous and other Wastes (Management & Transboundary Movement) Rules 2016.

**G. GENERAL CONDITIONS:**

- The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises.
- The applicant shall promptly comply with all orders and instructions issued by the Board from time to time or any other officers of the Board duly authorized in this behalf.
- The applicant shall set-up Environmental Cell comprising of qualified and competent personnel for complying with the conditions specified.
- The Board reserves the right to review, impose additional conditions, revoke, change or alter terms and conditions of this consent.
- The applicant shall forthwith keep the Board informed of any accidental discharge of emissions/effluents into the atmosphere in excess of the standards laid down by the Board. The applicant shall also take corrective steps to mitigate the impact.
- The applicant shall provide alternate power supply sufficient to operate all Pollution control equipments.
- The entire premises shall always be kept clean. The effluent holding area, inspection chambers, outlets, flow measuring points should be made easily approachable.
- The applicant shall display the consent granted in a prominent place for perusal of the inspecting officers of the Board.
- The applicant his heirs, legal representatives or assignee shall have no claims whatsoever to the continuation or renewal of this consent after expiry of the validity of consent.





**Consent For Operation  
(CFO-Air,Water)**

Consent No. AW-328405  
Valid upto: 30/06/2026

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(This document contains 5 pages including annexure & excluding additional conditions)

10. The applicant shall make an application for consent for subsequent period at least 45 days before expiry of this consent.
11. The applicant shall develop and maintain adequate green belt all around the periphery.
12. The applicant shall provide rain water harvesting system and shall provide proper storm water management system.
13. This consent is issued without prejudice to any Court Cases pending in any Hon'ble Court
14. The applicant shall furnish the Environmental statement for every financial year ending with 31st March in Form-V as per Environment (Protection) Rules, 1986. The statement shall be furnished before the end of September.
15. The applicant shall display flow diagram of the pollution control system near the pollution control system/s.

**NOTE:**

The Conditions Nil mentioned in the schedule are not applicable.

**Additional Conditions:**

A – 2(a), 3(a), 3(b), C, D, F, G(8) these conditions are not applicable.

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

The CFO is issued as per the recommendations of the Enforcement Committee Meeting held on 30.10.2021 & duly approved by Member Secretary & Hon'ble Chairman.

| 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           | D.G. Sets           | 1010KV A DG Set2- Rented | 30  | PM(mg/NM3),SO2 (PPM),NOx(PPM)                 | 150,100,50              | DIE  | AEC   | Before commissioning.   |
| 2           | D.G. Sets           | 1010KV A DG Set1- Rented | 30  | PM(mg/NM3),SO2 (PPM),NOx(PPM)                 | 150,100,50              | DIE  | AEC   | Before commissioning.   |
| 3           | D.G. Sets           | 1065KV A DG SET          | 30  | PM(mg/NM3),SO2 (PPM),NOx(PPM)                 | 150,100,50              | DIE  | AEC   | Before commissioning.   |
| 4           | D.G. Sets           | 1065KV A DG SET          | 30  | PM(mg/NM3),SO2 (PPM),NOx(PPM)                 | 150,100,50              | DIE  | AEC   | Before commissioning.   |

Note:

AEC : Acoustic Enclosures



**Consent For Operation  
(CFO-Air,Water)**

Consent No. AW-328405  
Valid upto: 30/06/2026

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(This document contains 5 pages including annexure & excluding additional conditions)

**Note:**

1. The Noise levels within the premises shall not exceed 75 dB (A) leq during day time and 70 dB(A) leq during night time respectively.
2. The DG set shall be provided with acoustic measures as per SI.No.94 in Schedule-I of Environment (Protection) Rules.
3. There shall be no smell or odour nuisance from the industry.

**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 for rectangular stacks, the equivalent diameter can be calculated from the following equation.

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

2. The diameter of the sampling port should not be less than 100 mm dia". Arrangements should be made so that the porthole is closed firmly during the non sampling period
3. 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.
4. The ladder shall be provided with adequate safety features so as to approach the monitoring location with ease.

For and on behalf of the  
Karnataka State Pollution Control Board

Signature valid

Digitally signed by  
Date: 2021.11.30 15:48:47  
+05:30

**Additional Conditions**

In addition to the Consent for Operation issued by the Board in electronic format under Section (25) of the Water (Prevention & Control of Pollution) Act, 1974 and Section (21) of the Air (Prevention and Control of Pollution) Act, 1981 and the Rules & Orders made there under to The Authorized Signatory, Aequs SEZ Pvt Ltd., Sy. No. 437/A, 438 & 439, Hattargi Village, Hukkeri Taluk, Belgaum District, authorizing them to operate Sewage Treatment Plant (STP) of capacity 300 KLD installed at Private Industrial Estate SEZ by Aequs SEZ Pvt Ltd., with 39 Plots in an area of 106.33 Ha, located at Sy. No. 437/A, 438 & 439, Hattargi Village, Hukkeri Taluk, Belgaum District, the applicant shall comply with the following additional conditions for treatment and discharge of sewage effluent and air emissions from the project:

**References:**

1. EC No. SEIAA 200 CON 2008 dated 01.06.2020.
2. CFO No. 1890 dated 28.08.2020.
3. CFO renewal application submitted at Regional Office, Chikkodi with PCB Id 12290, dated: 12.08.2021.
4. Proceedings of the Enforcement Committee Meeting held on 30.10.2021.

♦♦♦♦

**Discharge of Sewage under the Water Act 1974:**

| Sl. No | Description             | Permitted Quantity of discharge | Place of discharge after treatment  |
|--------|-------------------------|---------------------------------|---|
| 1      | Domestic                | 240 KLD                         | Sewage effluent shall be discharged into STP of capacity 300 KLD, treated to standards stipulated at all times and used for secondary urban reuse such as landscape, gardening, toilet flushing, fire protection and heating ventilation and air conditioning within the premises with Zero Liquid discharge outside. |
| 2      | Tolerance Limits        | As specified in Table 01 below  |   |
| 3      | Frequency of monitoring | Once in 03 months               |   |

**Table 1: Discharge Standards for Treated Sewage Effluent:**

| 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.    | BOI <sub>5</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 Coli form (MPN/100 ml). | Less than 100        |
| 04.    | TSS (mg/l)                      | Not more than 20     |        |                               |                      |

Discharge of Air Emissions under the Air Act, 1981 from the following stacks/process etc.

| Sl.No. | Description of chimney/outlet | Limits specified refer schedule |
|--------|-------------------------------|---------------------------------|
| 1      | 1065 KVA DG Set x 2Nos.       | As per Table 2                  |
| 2      | 1010 KVA DG Set x 2Nos.       |                                 |

This Consent to Operate is granted for Period up to 30.06.2026 from the date of issue.

For and on behalf of the KSPCB

Senior Environmental Officer



To  
The Authorized Signatory,  
Aequs SEZ Pvt Ltd.,  
Sy. No. 437/A, 438 & 439,  
Hattargi Village, Hukkeri Taluk,  
Belgaum District.



Senior Environmental Officer

**A. Treatment & Disposal of Sewage Effluent under the Water Ac, 1974.**

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 follow the guidelines for design and location of STPs (<https://kspcb.karnataka.gov.in/consent-management/notification-circulars>) as per Board Office Memorandum No. 5446, dated 01.03.2021
3. All the treatment units shall be impervious and if they do not achieve the standards stipulated above or if it is found to be inadequate the applicant shall have to modify the units or upgrade the STP with prior consent of the Board.
4. Applicant shall add appropriate disinfectant to treated sewage to ensure residual chlorine preferably in the range of 1 mg/l. to 3 mg/l. In case of excess treated sewage is an arrangement can be made with the end users such as civic authority parks or nearby construction projects with proper documentation and prior approval of the Board.
5. DANGER sign board near the STP shall be installed to maintain safety of the personnel involved in its operation and maintenance. Proper signage shall be displayed in both Kannada and English languages near the taps that discharge treated sewage as non potable water. Access to STPs shall be given to authorized persons only with issue of necessary permits
6. If the treatment plants do not achieve the effluent standards stipulated above or if it is found to be inadequate, then the applicant shall have to modify the units so as to meet the standards with prior consent of the Board.
7. If the treated sewage effluent is used for washings such as vehicle, floor or basement oil & grease trap shall be provided to separate oil or grease content from the water.
8. In event of breakdown of regular power supply alternate source such as a captive diesel generator set to run and operate the essential units of sewage treatment plant shall be provided.
9. The services of qualified Environmental Engineer or Scientist shall be availed for the management of environmental aspects such as STP operation & cleaning, municipal solid waste management, domestic hazardous waste management, etc. The STP operators shall be trained & certified by a reputed organization such as Environmental Management Policy Research Institute.
10. The onus of complying with conditions of C/EI lies with the transferee once the project is handed over to welfare association or any company or organization on any other entity.
11. Suitable flow measuring device shall be installed to quantify the flow of sewage.
12. Online sensor shall be installed in the STP as per prevailing policy of the Board in accordance with Board Office Memorandum No. 5446, dated 01.03.2021 monitoring and displaying the parameters mentioned in Table 1 and the same shall be synchronized to the PCB server.

**B. Air Pollution Control:**

1. The rate of emissions discharged and the tolerance limits of the constituents forming the emissions in each of the stacks shall not exceed the limits laid down in Annexure. The applicant shall monitor the emission levels as per the frequency schedule indicated in the Table - 2,
2. All diesel generators sets above the capacity of 125 KVA shall be fixed with a retrofitting emission control device having a minimum specified particulate matter capturing efficiency of at least 70% as per Board order No. 2887 dated 17.09.2021 which in turn is as per directions of the honorable NGT in matters related to OA 681/ 2018, order dated 06.08.2019. Any installation of additional air pollution sources shall be done with prior permission of the Board.

**C. Noise Pollution Control:**

1. The applicant shall ensure that the ambient noise levels within the premises are maintained as per provisions of the Noise Pollution (Regulation and Control) Rules, 2000.

**D. Solid Waste Disposal:**

1. The applicant shall earmark suitable place with adequate space for management of solid wastes such as segregation, treatment and scientific storage. Organic solid waste shall be treated in in-house organic waste converter system exploring bio gas generation wherever feasible. Inorganic portion shall be handed over to authorized agency or ULB collection system with proper documentation.
2. Biomedical waste, used sanitary napkins, Plastic waste, E waste, Battery waste, Domestic Hazardous wastes & other wastes shall be stored and disposed scientifically as per prevailing law. The Biomedical waste shall be disposed off to common biomedical waste incineration facility as per Biomedical Waste Management Rules, 2016 in case there is a Health Care Facility located in the apartment.

**E. Health & Safety:**

The applicant shall provide all necessary personal protective equipment & healthcare facilities to Workers as per the prevailing policies of the competent authorities. Wastes such as mask, gloves generated during the pandemic periods shall be packed separately without mixing with the other wastes and handed over to Common Biomedical Waste Management Facilities. Used sanitary napkins, tampons and such allied materials shall be packed separately and handed over to the civic authorities for the safe disposal.

**F. General Conditions:**

1. The applicant shall strictly adhere to the zonal regulations as per RMP 2015/the local planning authority guidelines as per the Hon'ble Supreme Court Of India Judgment dated 05.03.2019 in respect of Civil Appeal No.5016 of 2016 with respect to buffer zone towards any Lake, Nala, drain or any other water bodies.
2. The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises. Storm water shall not be allowed to mix with the effluents on the upstream of the terminal manhole where the flow measuring devices are installed.
3. The applicant shall not change or alter (a) number of Sites (b) Layout plan (c) the quality, quantity or rate of discharge of effluents / emissions and (d) install/replace/alter the water or air pollution sources without the prior approval of the Board.
4. The applicant shall immediately report to the Board 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, along with taking appropriate corrective and preventive action immediately.
5. The applicant is liable to reinstate or restore, damaged or destroyed elements of environment at their cost, failing which, the applicant or 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 cost estimated by Competent Agency or Committee. 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.
6. All necessary steps to keep the storm water drains within the project premises clean shall be taken keeping the top open along with de silting the same to keep it clean aiding smooth flow of water in it.
7. Shall provide necessary electrical charging facilities for battery operated vehicles in the car parking area or at vantage places as per the prevailing policies of the Government.
8. The applicant shall promptly comply with all orders and instructions issued from time to time by the Board or any other officers of the Board duly authorized in this behalf.
9. The applicant shall display the consent granted in a prominent place for perusal of the inspecting officers of the Board.





10. No sewage, solid waste and C & D waste should be put in the storm water drains and these drains should be encroachment free.
11. The applicant, their heirs, legal representatives or assignees shall have no claims what so ever to the continuation or renewal of this consent after expiry of the period of consent.
12. The applicant shall make an application for consent at least 120 days before expiry of this consent
13. The Board reserves the right to review, impose additional condition or conditions, revoke, change or alter the terms and conditions.

For and on behalf of  
Karnataka State Pollution Control Board

Senior Environmental Officer

Table - 2

| Chim. No. | Chimney attached to      | Minimum chimney height to be provided | Rate of emission NM <sup>3</sup> /day NM <sup>3</sup> /hr | Constituents to be controlled in the emission    | Tolerance limits mg/NM <sup>3</sup> | Air pollution Control equipment to be installed, in addition to chimney height as per Col (3) | Date of which air pollution control equipments shall be provided to achieve the stipulated tolerance limits and chimney heights conforming to stipulated heights | Remarks |
|-----------|--------------------------|---------------------------------------|---|--|-------------------------------------|---|--|---------|
| 1         | 2                        | 3                                     | 4   | 5  | 6                                   | 7   | 8  | 9       |
| 1 to 2    | 1065 KVA DG Set x 2 Nos. | Refer Note j below                    | -   | NO <sub>x</sub> -<br>NMHC**<br>PM ***<br>CO **** | 710<br>100<br>75<br>150             | Individual Chimney height as per Col. (3) and acoustic measures                               | At all times   | -       |
| 3 to 4    | 1010 KVA DG Set x 2 Nos. | Refer Note i below                    | -   | NO <sub>x</sub> -<br>NMHC**<br>PM ***<br>CO **** | 710<br>100<br>75<br>150             | Individual Chimney height as per Col. (3) and acoustic measures.                              | At all times   | -       |

Note: ARL - Above Roof Level

\* (as NO<sub>x</sub>) (at 15% O<sub>2</sub>) dry basis in ppmv

\*\* (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>

The noise levels shall not exceed 65 dB (A) l<sub>eq</sub> and 55 dB(A) l<sub>eq</sub> during day time and night time respectively.

Note 1: 30 m AGL individually or 6 m ARL individually of the building housing the DG, whichever is higher.

Senior Environmental Officer

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# ANNEXURE 4

# AEQUS SEZ

## Rainwater harvesting Location Map at Belagavi.



### MISSION

To deliver **increasing value** to our stakeholders through innovative, efficient, **global ecosystems**



### VISION

To be a **preferred global partner** in every market we serve

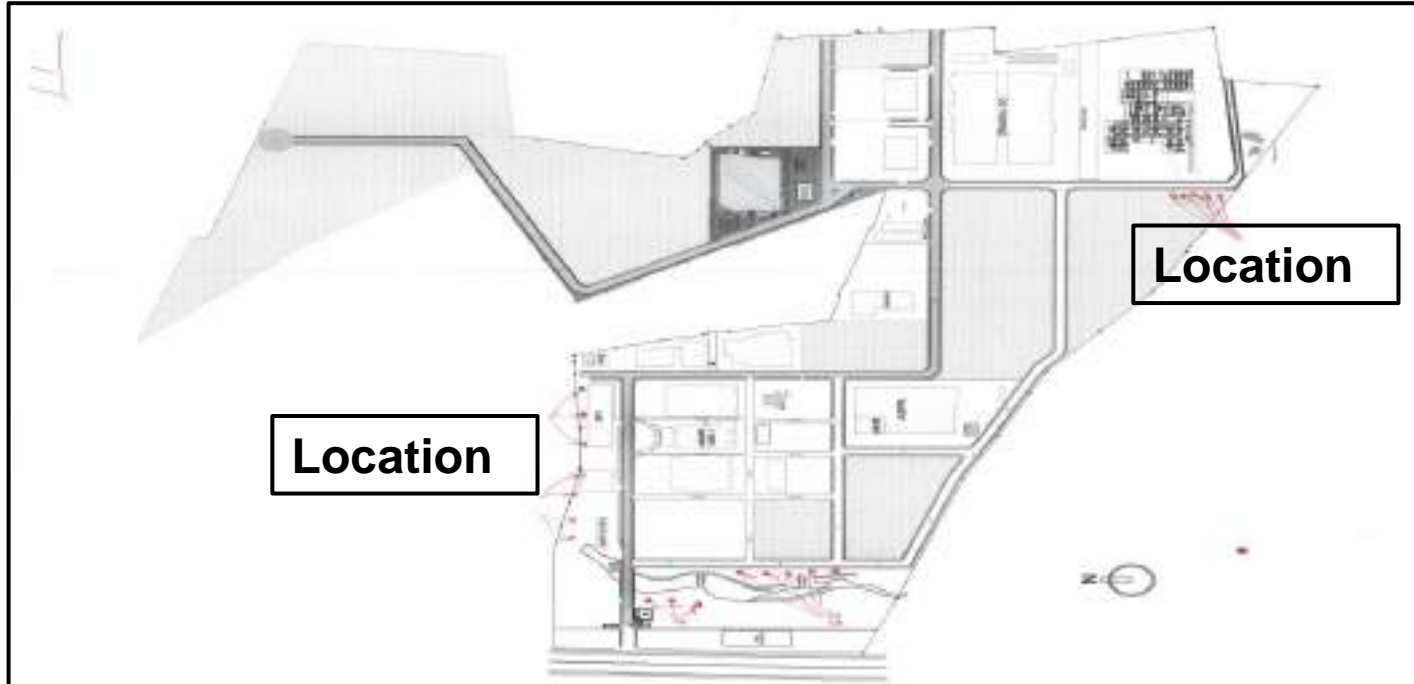


### VALUES

**Transparency**  
**Trust**  
**Respect**



# Rainwater harvesting Location Map at Belagavi.



**Rainwater Harvesting Pit**

**Initiative undertaken to have a Rainwater harvesting System.**

- **Belagavi Sez, we have proposed 200 Rainwater harvesting pit volume is around 45.8 m<sup>3</sup>**
- **The project is on going.**

# Our Journey...

- Airbus and Boeing approve API's Surface Treatment facility, the first in India
- Manufacturing operations commence at Belagavi SEZ

- India's largest Aerospace Hydraulic Press (10K tonne) becomes operational in Belagavi
- QuEST Global Manufacturing is rebranded as "Aequis"

- Acquired aerospace manufacturing operations in Europe
- Established India's only Aerospace FTWZ & Material Processing center
- Received Airbus Innovation Award & Detailed Parts Partner (D2P) Status

- Introduced Flexible Manufacturing System (FMS) for Aerospace operations
- Achieved 1 MN installed machining hours
- Established Toy Manufacturing partnership with GFT

- Aequis in India certified as 'Great Place to Work' by GPTW for FY21
- Received first Casing Industrialization Award from Safran Helicopter Engines (SHE)

- 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

- 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

- SquAD Forging India partnership established with Aubert & Duval, adding Forging & Heat Treatment capabilities to the Aerospace ecosystem
- Aerostructures Assemblies (AAI) business established

- Dedicated machining facility for Airbus (100K sq.ft.) inaugurated at SEZ
- Acquired aerospace manufacturing operations in North America
- Launched Consumer vertical for Toy Manufacturing

- Consumer manufacturing facilities become operational at Belagavi
- First Airbus A321 door plug delivered from AAI

- 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

- 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

# Thank You

---

# ANNEXURE 5



|          |                       |         |                     |
|----------|-----------------------|---------|---------------------|
| 26/04/24 | 16755.3               | 16781.3 | 8.6 m <sup>3</sup>  |
| 27/04/24 | 16781.3               | 16802.7 | 21.4 m <sup>3</sup> |
| 28/4/24  | 16802.7               | 16811.2 | 9.2 m <sup>3</sup>  |
| 29/04/24 | 16811.2               | 16826.3 | 15.1 m <sup>3</sup> |
| 30/04/24 | 16826.3               | 16838.7 | 12.4 m <sup>3</sup> |
| 01/05/24 | leaves day - Halvoley |         |                     |
| 2/5/24   | 16838.7               | 16853.0 | 15.0 m <sup>3</sup> |
| 03/05/24 | 16853.7               | 16867.2 | 13.5 m <sup>3</sup> |
| 04/05/24 | 16867.2               | 16878.3 | 11.1 m <sup>3</sup> |
| 05/05/24 | 16884.2               | 16884.2 | 5.9 m <sup>3</sup>  |
| 06/05/24 | 16884.2               | 16902.4 | 18.2 m <sup>3</sup> |
| 8/5/24   | 16902.4               | 16916.8 | 14.4 m <sup>3</sup> |
| 09/05/24 | 16916.8               | 16929.8 | 13 m <sup>3</sup>   |
| 10/05/24 | 16929.8               | 16936.7 | 6.9 m <sup>3</sup>  |
| 11/05/24 | 16936.7               | 16942.6 | 6.1 m <sup>3</sup>  |
| 12/05/24 | 16942.6               | 16959.8 | 12.2 m <sup>3</sup> |

| Date     | Start Reading | End Reading | Total gas           |
|----------|---------------|-------------|---------------------|
| 13/05/24 | 16954.8       | 16966.7     | 11.9 m <sup>3</sup> |
| 14/05/24 | 16966.7       | 16984.6     | 17.9 m <sup>3</sup> |
| 15/05/24 | 16984.6       | 16997.0     | 12.4 m <sup>3</sup> |
| 16/05/24 | 16997.0       | 16999.1     | 2.1 m <sup>3</sup>  |
| 17/05/24 | 16999.1       | 17007.2     | 8.1 m <sup>3</sup>  |
| 18/05/24 | 17017.2       | 17019.1     | 1.9 m <sup>3</sup>  |
| 19/05/24 | 17019.1       | 17024.4     | 5.3 m <sup>3</sup>  |
| 20/05/24 | 17024.4       | 17037.7     | 13.3 m <sup>3</sup> |
| 21/05/24 | 17037.7       | 17063.3     | 25.6 m <sup>3</sup> |
| 22/05/24 | 17063.3       | 17081.6     | 18.3 m <sup>3</sup> |
| 23/05/24 | 17081.6       | 17089.0     | 7.4 m <sup>3</sup>  |
| 24/05/24 | 17089.0       | 17091.8     | 2.8 m <sup>3</sup>  |
| 25/05/24 | 17091.8       | 17100.3     | 8.5 m <sup>3</sup>  |
| 26/05/24 | 17100.3       | 17104.3     | 4.0 m <sup>3</sup>  |
| 27/05/24 | 17104.3       | 17118.6     | 14.3                |
| 28/05/24 | 17118.6       | 17135.0     | 16.4                |
| 29/05/24 | 17135.0       | 17157.4     | 22.4 m <sup>3</sup> |
| 30/05/24 | 17157.4       | 17167.1     | 10.1                |
| 31/05/24 | 17167.1       | 17180.4     | 13.3                |



| Date     | Start Reading | End Reading | Total Gas           | Waste Fuel |
|----------|---------------|-------------|---------------------|------------|
| 01/06/24 | 17180.4       | 17191.8     | 11.4 m <sup>3</sup> | - 22       |
| 02/06/24 | 17191.8       | 17207.6     | 15.8 m <sup>3</sup> | - 31       |
| 03/06/24 | 17207.6       | 17214.5     | 6.9 m <sup>3</sup>  | - 10       |
| 04/06/24 | 17214.5       | 17224.5     | 10.0 m <sup>3</sup> | - 30       |
| 05/06/24 | 17224.5       | 17234.2     | 9.7 m <sup>3</sup>  | - 40       |
| 06/06/24 | 17234.2       | 17240.8     | 6.6 m <sup>3</sup>  | - 30       |
| 07/06/24 | 17240.8       | 17247.2     | 6.4 m <sup>3</sup>  | - 35       |
| 08/06/24 | 17247.2       | 17257.3     | 10.1 m <sup>3</sup> | - 58       |
| 09/06/24 | 17257.3       | 17264.6     | 07.3 m <sup>3</sup> | - 32       |
| 10/06/24 | 17264.6       | 17273.3     | 08.7 m <sup>3</sup> | - 28       |
| 11/06/24 | 17273.3       | 17283.1     | 9.8 m <sup>3</sup>  | - 31       |
| 12/06/24 | 17283.1       | 17293.7     | 10.6 m <sup>3</sup> | - 30       |
| 13/06/24 | 17293.7       | 17303.9     | 10.2 m <sup>3</sup> | - 30       |
| 14/06/24 | 17303.9       | 17315.6     | 11.7 m <sup>3</sup> | - 38       |
| 15/06/24 | 17315.6       | 17328.7     | 13.1 m <sup>3</sup> | - 36       |
| 16/06/24 | 17328.7       | 17338.9     | 10.2 m <sup>3</sup> | - 38       |
| 17/06/24 | 17338.9       | 17345.1     | 6.2 m <sup>3</sup>  | - 34       |
| 18/06/24 | 17345.1       | 17352.0     | 6.9 m <sup>3</sup>  | - 42       |
| 19/06/24 | 17352.0       | 17355.1     | 4.9 m <sup>3</sup>  | - 40       |

| date     | start Reading | End Reading | Total Gas           | waste food |
|----------|---------------|-------------|---------------------|------------|
| 20/06/24 | 17355.1       | 17359.4     | 4.3 m <sup>3</sup>  | 41 kg      |
| 21/06/24 | 17359.4       | 17361.4     | 2.0 m <sup>3</sup>  | 35 kg      |
| 22/06/24 | 17361.4       | 17369.4     | 8 m <sup>3</sup>    | 37 kg      |
| 23/06/24 | 17369.4       | 17376.1     | 8.5 m <sup>3</sup>  | 10 kg      |
| 24/06/24 | 17376.1       | 17382.1     | 6 m <sup>3</sup>    | 34 kg      |
| 25/06/24 | 17382.1       | 17392.3     | 9.2 m <sup>3</sup>  | 38 kg      |
| 26/06/24 | 17392.3       | 17399.3     | 7 m <sup>3</sup>    | 42 kg      |
| 27/06/24 | 17399.3       | 17402.3     | 3 m <sup>3</sup>    | 40 kg      |
| 28/06/24 | 17402.3       | 17410.4     | 8.1 m <sup>3</sup>  | 35 kg      |
| 29/06/24 | 17410.4       | 17436.6     | 26.2                | 33 kg      |
| 30/06/24 | 17436.6       | 17449.3     | 12.7                | 10 kg      |
| 01/07/24 | 17449.3       | 17457.3     | 8 m <sup>3</sup>    | 30 kg      |
| 02/07/24 | 17457.3       | 17462.9     | 5.9 m <sup>3</sup>  | 35 kg      |
| 03/07/24 | 17462.9       | 17478.3     | 15.4 m <sup>3</sup> | 33 kg      |
| 04/07/24 | 17478.3       | 17494.4     | 16.1 m <sup>3</sup> | 34 kg      |
| 05/07/24 | 17494.4       | 17500.6     | 6.8 m <sup>3</sup>  | 32 kg      |
| 06/07/24 | 17500.6       | 17507.9     | 7.3 m <sup>3</sup>  | 36 kg      |
| 07/07/24 | 17507.9       | 17514.8     | 6.9 m <sup>3</sup>  | 12 kg      |
| 08/07/24 | 17514.8       | 17529.4     | 14.6 m <sup>3</sup> | 31 kg      |



| Date     | Start Reading | End Reading | total Gas           | Height |
|----------|---------------|-------------|---------------------|--------|
| 09/07/24 | 17529.4       | 17545.3     | 15.9 m <sup>3</sup> | 40     |
| 10/07/24 | 17545.3       | 17541.5     | 3.8 m <sup>3</sup>  | 40     |
| 11/07/24 | 17541.5       | 17557.1     | 15.6 m <sup>3</sup> | 35     |
| 12/07/24 | 17557.1       | 17574.4     | 35.3 m <sup>3</sup> | 25     |
| 13/07/24 | 17574.4       | 17592.4     | 18 m <sup>3</sup>   | 37     |
| 14/07/24 | 17592.4       | 17602.4     | 10 m <sup>3</sup>   | 10     |
| 15/07/24 | 17602.4       | 17609.7     | 7 m <sup>3</sup>    | 30     |
| 16/07/24 | 17609.7       | 17615.9     | 6.2 m <sup>3</sup>  | 45     |
| 17/07/24 | 17615.9       | 17631.4     | 15.5 m <sup>3</sup> | 30     |
| 18/07/24 | 17631.4       | 17646.3     | 14.6 m <sup>3</sup> | 33     |
| 19/07/24 | 17646.3       | 17659.7     | 13.4 m <sup>3</sup> | 30     |
| 20/07/24 | 17659.7       | 17672.5     | 12.8 m <sup>3</sup> | 34     |
| 21/07    | 17672.5       | 17682.1     | 9.6 m <sup>3</sup>  | 9      |
| 22/07    | 17682.1       | 17691.7     | 9.6 m <sup>3</sup>  | 31     |
| 23/07/24 | 17691.7       | 17701.3     | 9.3 m <sup>3</sup>  | 35     |
|          | 17701.3       | 17711.1     | 10.1 m <sup>3</sup> | 34     |
| 25/07/24 | 17711.1       | 17723.7     | 12.6                | 36     |
| 24/07    | 17723.7       | 17742.1     | 18.4 m <sup>3</sup> | 32     |
| 20/07    | 17742.1       | 17751.5     | 9.4 m <sup>3</sup>  | 23     |

| Date     | Start Reading | End Reading | Total Gas          | Waste food |
|----------|---------------|-------------|--------------------|------------|
| 26/07/24 | 17751.5       | 17768.9     | 17.4m <sup>3</sup> | 11 kg      |
| 29/07/24 | 17768.9       | 17775.4     | 6.5m <sup>3</sup>  | 33 kg      |
| 30/07/24 | 17775.4       | 17793.8     | 18.4m <sup>3</sup> | 34 kg      |
| 31/07/24 | 17793.8       | 17806.4     | 12.6m <sup>3</sup> | 35 kg      |
| 01/08/24 | 17806.4       | 17816.3     | 9.9m <sup>3</sup>  | 32 kg      |
| 02/08/24 | 17816.3       | 17826.7     | 10.4m <sup>3</sup> | 30 kg      |
| 03/08/24 | 17826.7       | 17840.1     | 13.4m <sup>3</sup> | 31 kg      |
| 04/08/24 | 17840.1       | 17858.1     | 18.0m <sup>3</sup> | 10 kg      |
| 05/08/24 | 17858.1       | 17875.0     | 16m <sup>3</sup>   | 33 kg      |
| 06/08/24 | 17875.0       | 17898.6     | 23.9m <sup>3</sup> | 40 kg      |
| 07/08/24 | 17898.6       | 17904.9     | 6.3m <sup>3</sup>  | 37 kg      |
| 08/08/24 | 17904.9       | 17918.5     | 13.6m <sup>3</sup> | 36 kg      |
| 09/08/24 | 17918.5       | 17934.4     | 15.9m <sup>3</sup> | 35 kg      |
| 10/08/24 | 17934.4       | 17951.9     | 17.4m <sup>3</sup> | 32 kg      |
| 11/08/24 | 17951.9       | 17966.4     | 14.6m <sup>3</sup> | 10 kg      |
| 12/08/24 | 17966.4       | 17973.1     | 6.7m <sup>3</sup>  | 30 kg      |
| 13/08/24 | 17973.1       | 17985.5     | 12.4m <sup>3</sup> | 39 kg      |
| 14/08/24 | 17985.5       | 18009.1     | 23.6m <sup>3</sup> | 33 kg      |
| 16/08/24 | 18009.1       | 18023.5     | 14.4m <sup>3</sup> | 30 kg      |



| date     | Start Reading | End Reading | Total Gas           | Weight |
|----------|---------------|-------------|---------------------|--------|
| 17/8/24  | 18025.5       | 18029.8     | 4.3 m <sup>3</sup>  | 30 kg  |
| 18/8/24  | 18029.8       | 18037.2     | 7.4 m <sup>3</sup>  | 10 kg  |
| 19/8/24  | 18037.2       | 18040.5     | 3.3 m <sup>3</sup>  | 30 kg  |
| 20/8/24  | 18040.0       | 18049.9     | 9.9 m <sup>3</sup>  | 30 kg  |
| 21/8/24  | 18049.9       | 18075.2     | 25.3 m <sup>3</sup> | 35 kg  |
| 22/8/24  | 18075.2       | 18094.6     | 19.4 m <sup>3</sup> | 30 kg  |
| 23/8/24  | 18094.6       | 18113.2     | 18.6 m <sup>3</sup> | 34 kg  |
| 24/8/24  | 18113.2       | 18139.4     | 26.2 m <sup>3</sup> | 33 kg  |
| 25/8/24  | 18139.4       | 18147.3     | 7.9 m <sup>3</sup>  | 38 kg  |
| 26/8/24  | 18147.3       | 18159.7     | 12.4 m <sup>3</sup> | 31 kg  |
| 27/8/24  | 18159.7       | 18177.0     | 17.3 m <sup>3</sup> | 35 kg  |
| 28/8/24  | 18177.0       | 18182.4     | 5.4 m <sup>3</sup>  | 39 kg  |
| 29/8/24  | 18182.4       | 18194.1     | 11.7 m <sup>3</sup> | 35 kg  |
| 30/8/24  | 18194.1       | 18210.5     | 16.4 m <sup>3</sup> | 34 kg  |
| 31/8/24  | 18210.5       | 18228.9     | 18.4 m <sup>3</sup> | 36 kg  |
| 01/09/24 | 18228.9       | 18241.3     | 12.4 m <sup>3</sup> | 30 kg  |
| 02/09/24 | 18241.3       | 18257.6     | 16.3 m <sup>3</sup> | 35 kg  |
| 03/09/24 | 18257.6       | 18268.2     | 10.6 m <sup>3</sup> | 35 kg  |
| 04/09/24 | 18268.2       |             |                     | 34 kg  |

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# ANNEXURE 6





Plot No. 3224/3, "Mahatma Miras"  
1<sup>st</sup> Floor, B. K. College Road,  
Chikkodi - 591201,  
Belgaum District.  
Tele Fax: (08338) 275112

ಸಂಖ್ಯೆ: 3224/3, " ಮಹಾತ್ಮಾ ಮಿರಾಸಿ "  
ಮಹಾತ್ಮಾ ಮಿರಾಸಿ, ಬಿ. ಕೆ. ಕಾಲೇಜು ರಸ್ತೆ,  
ಚಿಕ್ಕೋಡಿ - 591201 ಬೆಲಗುಮ್ ಜಿಲ್ಲೆ  
ಫೋನ್/ಫ್ಯಾಕ್ಸ್ : 08338-275112

towards a cleaner Karnataka

Authorization No. KSPCB/RO (CKD)/BMW/2016-17/1225

Date: 22/8/2016

FORM -III  
(See rule 10)

AUTHORISATION

(Authorization for operating a facility for generation, collection, reception, treatment, storage, transport and disposal of biomedical wastes)

1. File number of authorization and date of issue: KSPCB/RO(CKD)/BMW/2016-17/1225
2. Dr. Pravin Kumar Nalk an occupier or operator of the facility located at M/s Aequus SEZ Occupational Health Centre, No. 437/A, Hatargi, Tq: Hukkeri, Dist: Belagavi is hereby granted an authorization for;

| Activity   | Please tick |
|--|-------------|
| • Generation, segregation                                | ✓           |
| • Collection,  | ✓           |
| • Storage  | ✓           |
| • Packaging  | ✓           |
| • Reception  | ✓           |
| • Transportation   | ✓           |
| • Treatment or processing or conversion recycling        |             |
| • Disposal or destruction use                            |             |
| • Offering for sale, transfer Any other form of handling |             |

3. M/s Aequus SEZ Occupational Health Centre, No. 437/A, Hatargi, Tq: Hukkeri, Dist: Belagavi is hereby authorized for handling of biomedical waste as per the capacity given below;

- Number of beds of HCF: Nil
- Number healthcare facilities covered by CBMWTF: 1026
- Installed treatment and disposal capacity: 1021 Kg per day
- Area or distance covered by CBMWTF: Chikkodi, Hukkeri, Raibag, Athani & Gokak
- Quantity of Biomedical waste handled, treated or disposed:

| Type of Waste Category | Quantity permitted for Handling |
|------------------------|---------------------------------|
| • Yellow               | Nil                             |
| • Red                  | 2 kg /m                         |
| • White (Translucent)  | 1kg/m                           |
| • Blue                 | 2 kg/m                          |

- This authorization shall be valid until it is withdrawn/revoked.
- This authorization is subject to the conditions stated below and to such other conditions as may be specified in the rules for the time being in force under the Environment (Protection) Act, 1986.

Date: 22/08/2016.  
Place: Chikkodi (Centre).

*(Signature)* 22/8/2016

Environmental Officer  
Karnatak State Pollution Control Board  
Belagavi - 2 (Chikkodi Center)

e-mail : [belgaum2@kspcb.gov.in](mailto:belgaum2@kspcb.gov.in) <http://kspcb.kar.nic.in>

Avoid Use of Plastics BE 'ECO' friendly

"ಪ್ಲಾಸ್ಟಿಕ್ ಬಳಕೆ ನಿಲ್ಲಿಸಿ, ಪರಿಸರ ಹಾನಿ ತಪ್ಪಿಸಿ"

2-2018-1-0018-00-0000  
Terms and conditions of authorization

Regional Office : Belagavi-2

1. The authorization shall comply with the provisions of the Environment (Protection) Act, 1986 and the rules made there under.
2. The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the prescribed authority.
3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the biomedical wastes without obtaining prior permission of the prescribed authority.
4. Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.
5. It is the duty of the authorized person to take prior permission of the prescribed authority to close down the facility and such other terms and conditions may be stipulated by the prescribed authority.
6. This authorization is issued subject to the terms and conditions enclosed and to such conditions as may be specified in the Rules for the time being in force under the Environment (Protection) Act, 1986 and also comply Annexure A & B.
7. It is the responsibility of every occupier to ensure that all the Bio-medical waste generated is handled & disposed scientifically as per the Rules, without causing any adverse effect to human health and the environment. The violation of the said Rules attracts penal action under the provisions of Environment (Protection) Act, 1986.
8. The occupier should ensure that there should not be any complaint against the disposal methods from the surroundings residents & if it found genuine this authorization issued will be reviewed.
9. The Board reserves the right to review, impose additional condition or conditions, revoke, change or alter the terms & conditions of this authorization.
10. This authorization is subjected to the outcome of appeal before Hon'ble High Court of Karnataka with respect to authorization fees. The hospital authority shall pay the balance fees if any after hearing from the Board office.
11. The Hospital authority shall furnish the compliance report within 15 days for the scientific disposal of different categories of Bio-Medical Waste as per Rules. The Hospital Authority has to submit the Annual Report in Form II (copy enclosed) before 31<sup>st</sup> January of every Year.
12. The Hospital shall ensure that there is no discharges/emissions due to spillages of mercury from breakage of thermo-meters, pressure and other measuring equipments and does not become part of the bio-medical waste or other solid wastes generated from the hospital. The mercury shall be properly collected, stored and send back to the manufactures.
13. The applicant shall be able to pay authorization fee to Board at a later date under intimation.
14. The applicant shall maintain the records and log book regarding generation and disposal of different category of Bio-medical waste in the hospital on a day to day basis and submit annual returns to Board.
15. The applicant shall display the authorization at prominent place.
16. The applicant shall treat liquid bio-medical waste as per the stands stipulated in BMW Rules and submit photographic evidence with regard to treatment units provide for treatment of effluents.

M. S. S. 22/8/2018

Environmental Officer  
Karnatak State Pollution Control Board  
Belagavi - 2 (Chikkodi Center)

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# ANNEXURE 7



| MONTH |         | APRIL       |             |            |               |             | YEAR                 | 13<br>2024       |
|-------|---------|-------------|-------------|------------|---------------|-------------|----------------------|------------------|
| SLNO  | DATE    | YELLOW (KG) | RED (KG)    | BLUE (KG)  | WHITE (KG)    |             | SIGNATURE (HOSPITAL) | SIGNATURE (PREM) |
| 1)    | 1/4/24  | 100gm       | 100gm       | 50gm       | -             | 250gm       | <i>[Signature]</i>   |                  |
| 2)    | 3/4/24  | 110         | 150         | 60gm       | 1.8 liter     | 320         | <i>[Signature]</i>   | PREM             |
| 3)    | 5/4/24  | 120         | 180         | 80         |               | 380         | <i>[Signature]</i>   | PREM             |
| 4)    | 6/4/24  | 80          | 100         | 30         |               | 210         | <i>[Signature]</i>   | PREM             |
| 5     | 8/4/24  | 100         | 120         | 50         |               | 270         | <i>[Signature]</i>   | PREM             |
| 6)    | 10/4/24 | 110         | 150         | 60         |               | 320         | <i>[Signature]</i>   | PREM             |
| 7)    | 12/4/24 | 120         | 180         | 60         |               | 360         | <i>[Signature]</i>   | PREM             |
| 8)    | 15/4/24 | 100         | 100         | 50         |               | 250         | <i>[Signature]</i>   | PREM             |
| 9     | 17/4/24 | 100         | 120         | 50         | 1.1 liter     | 270         | <i>[Signature]</i>   | PREM             |
| 10    | 19/4/24 | 100         | 130         | 40         |               | 270         | <i>[Signature]</i>   | PREM             |
| 11    | 20/4/24 | 80          | 100         | 30         |               | 210         | <i>[Signature]</i>   | PREM             |
| 12)   | 22/4/24 | 100         | 120         | 50         |               | 270         | <i>[Signature]</i>   | PREM             |
| 13    | 24/4/24 | 100         | 120         | 50         |               | 270         | <i>[Signature]</i>   | PREM             |
| 14)   | 26/4/24 | 80          | 100         | 50         |               | 230         | <i>[Signature]</i>   | PREM             |
| 15)   | 27/4/24 | 80          | 100         | 30         |               | 210         | <i>[Signature]</i>   | PREM             |
| 16)   | 28/4/24 | 100         | 150         | 50         |               | 300         | <i>[Signature]</i>   | PREM             |
| 17)   | 30/4/24 | 120         | 150         | 50         |               | 320         | <i>[Signature]</i>   | PREM             |
|       |         | <u>1700</u> | <u>2170</u> | <u>840</u> | <u>3000's</u> | <u>4710</u> |                      |                  |



| MONTH |         | MAY        |         |           |           |           | YEAR                 | 2024                 |
|-------|---------|------------|---------|-----------|-----------|-----------|----------------------|----------------------|
| BLIND | DATE    | YELLOW (P) | RED (P) | WHITE (P) | WHITE (P) | WHITE (P) | SIGNATURE (HOSPITAL) | SIGNATURE (PROCESOR) |
| 1)    | 2/5/24  | 180        | 150     | 50        | 1.5litre  | 300       | ☉                    | PREM                 |
| 2)    | 4/5/24  | 150        | 180     | 60        |           | 390       | ☉                    | PREM                 |
| 3)    | 6/5/24  | 180        | 150     | 50        |           | 380       | ☉                    | PREM                 |
| 4)    | 7/5/24  |            | PH      |           |           |           |                      |                      |
| 5)    | 8/5/24  | 100        | 150     | 50        |           | 300       | ☉                    | PREM                 |
| 6)    | 10/5/24 | 110        | 150     | 60        |           | 320       | ☉                    | PREM                 |
| 7)    | 11/5/24 | 100        | 150     | 50        |           | 300       | ☉                    | PREM                 |
| 8)    | 13/5/24 | 150        | 180     | 60        |           | 390       | ☉                    | PREM                 |
| 9)    | 15/5/24 | 120        | 150     | 50        |           | 320       | ☉                    | PREM                 |
| 10)   | 18/5/24 | 120        | 150     | 60        |           | 330       | ☉                    | PREM                 |
| 11)   | 20/5/24 | 120        | 150     | 60        |           | 330       | ☉                    | PREM                 |
| 12)   | 21/5/24 | 100        | 100     | 50        |           | 250       | ☉                    | PREM                 |
| 13)   | 22/5/24 | 100        | 100     | 50        |           | 250       | ☉                    | PREM                 |
| 14)   | 24/5/24 | 100        | 100     | 50        |           | 250       | ☉                    | PREM                 |
| 15)   | 25/5/24 | 120        | 150     | 60        |           | 330       | ☉                    | PREM                 |
| 16)   | 27/5/24 | 110        | 100     | 50        |           | 260       | ☉                    | PREM                 |
| 17)   | 29/5/24 | 120        | 110     | 50        | 1.2litre  | 280       | ☉                    | PREM                 |
|       |         | 1860       | 2120    | 860       | 2.7litre  | 4960      |                      |                      |

| MONTH |         | JUNE       |         |           |           |           | YEAR                 | 2024                 |
|-------|---------|------------|---------|-----------|-----------|-----------|----------------------|----------------------|
| BLIND | DATE    | YELLOW (P) | RED (P) | WHITE (P) | WHITE (P) | WHITE (P) | SIGNATURE (HOSPITAL) | SIGNATURE (PROCESOR) |
| 1)    | 3/6/24  | 180        | 140     | 50        | 1.5litre  | 310       | ☉                    | PREM                 |
| 2)    | 3/6/24  | 180        | 140     | 50        |           | 310       | ☉                    | PREM                 |
| 3)    | 5/6/24  | 150        | 140     | 50        |           | 340       | ☉                    | PREM                 |
| 4)    | 7/6/24  | 150        | 140     | 50        |           | 340       | ☉                    | PREM                 |
| 5)    | 8/6/24  | 100        | 120     | 30        |           | 250       | ☉                    | PREM                 |
| 6)    | 10/6/24 | 120        | 130     | 60        |           | 310       | ☉                    | PREM                 |
| 7)    | 12/6/24 | 130        | 140     | 50        |           | 320       | ☉                    | PREM                 |
| 8)    | 14/6/24 | 120        | 130     | 50        |           | 300       | ☉                    | PREM                 |
| 9)    | 15/6/24 | 80         | 100     | 30        | 1.5litre  | 210       | ☉                    | PREM                 |
| 10)   | 17/6/24 | 120        | 120     | 60        |           | 300       | ☉                    | PREM                 |
| 11)   | 19/6/24 | 100        | 130     | 60        |           | 290       | ☉                    | PREM                 |
| 12)   | 21/6/24 | 100        | 130     | 50        |           | 280       | ☉                    | PREM                 |
| 13)   | 22/6/24 | 120        | 110     | 70        |           | 300       | ☉                    | PREM                 |
| 14)   | 24/6/24 | 120        | 120     | 80        |           | 320       | ☉                    | PREM                 |
| 15)   | 26/6/24 | 100        | 100     | 50        |           | 250       | ☉                    | PREM                 |
| 16)   | 28/6/24 | 100        | 80      | 20        |           | 200       | ☉                    | PREM                 |
| 17)   | 29/6/24 | 100        | 80      | 20        |           | 200       | ☉                    | PREM                 |
| 1)    |         |            |         |           |           |           |                      |                      |
| Total |         | 1950       | 2050    | 830       | 3litre    | 4830      |                      |                      |



| MONTH |         | July       |        |      |           |           | YEAR                 | 2004             |
|-------|---------|------------|--------|------|-----------|-----------|----------------------|------------------|
| BLD   | DATE    | YELLOW PPT | ORANGE | BLUE | WHITE PPT | TOTAL PPT | SIGNATURE (HOSPITAL) | SIGNATURE (PREM) |
| 01    | 1/7/04  | 100        | 100    | 50   | 1.5 liter | 250       |                      | PREM             |
| 02    | 3/7/04  | 110        | 90     | 50   |           | 250       |                      | PREM             |
| 3)    | 5/7/04  | 120        | 120    | 50   |           | 290       |                      | PREM             |
| 4)    | 6/7/04  | 110        | 100    | 50   |           | 260       |                      | PREM             |
| 5     | 8/7/04  | 110        | 110    | 60   |           | 280       |                      | PREM             |
| 6)    | 10/7/04 | 120        | 110    | 60   |           | 290       |                      | PREM             |
| 7)    | 12/7/04 | 130        | 120    | 60   |           | 310       |                      | PREM             |
| 8)    | 13/7/04 | 80         | 100    | 30   |           | 210       |                      | PREM             |
| 9)    | 15/7/04 | 130        | 120    | 60   | 1.5 liter | 310       |                      | PREM             |
| 10    | 17/7/04 | 100        | 100    | 50   |           | 250       |                      | PREM             |
| 11)   | 19/7/04 | 100        | 100    | 50   |           | 250       |                      | PREM             |
| 12    | 20/7/04 | 80         | 100    | 30   |           | 210       |                      | PREM             |
| 13    | 22/7/04 | 100        | 120    | 60   |           | 280       |                      | PREM             |
| 14    | 24/7/04 | 100        | 120    | 60   |           | 280       |                      | PREM             |
| 15    | 26/7/04 | 100        | 120    | 60   |           | 280       |                      | PREM             |
| 16    | 27/7/04 | 80         | 100    | 30   |           | 210       |                      | PREM             |
| 17    | 29/7/04 | 100        | 120    | 60   |           | 280       |                      | PREM             |
| 18    | 31/7/04 | 50         | 150    | 50   |           | 250       |                      | PREM             |
| Total |         | 1820       | 2000   | 920  | 3 liter   | 4740      |                      |                  |

| MONTH |         | August     |        |      |           |           | YEAR                 | 2004             |
|-------|---------|------------|--------|------|-----------|-----------|----------------------|------------------|
| BLD   | DATE    | YELLOW PPT | ORANGE | BLUE | WHITE PPT | TOTAL PPT | SIGNATURE (HOSPITAL) | SIGNATURE (PREM) |
| 01    | 1/8/04  | 110        | 100    | 50   | 1.5 liter | 260       |                      | PREM             |
| 07    | 3/8/04  | 100        | 90     | 50   |           | 240       |                      | PREM             |
| 3     | 5/8/04  | 110        | 100    | 50   |           | 260       |                      | PREM             |
| 4)    | 7/8/04  | 100        | 90     | 50   |           | 240       |                      | PREM             |
| 5     | 9/8/04  | 110        | 100    | 50   |           | 260       |                      | PREM             |
| 6)    | 10/8/04 | 110        | 100    | 50   |           | 260       |                      | PREM             |
| 7     |         |            |        |      |           |           |                      |                  |
| 7)    | 12/8/04 | 110        | 100    | 50   |           | 260       |                      | PREM             |
| 8)    | 14/8/04 | 100        | 90     | 50   |           | 240       |                      | PREM             |
| 9     |         |            |        |      |           |           |                      |                  |
| 9)    | 16/8/04 | 120        | 100    | 60   |           | 280       |                      | PREM             |
| 10    | 17/8/04 | 60         | 100    | 40   | 1.5 liter | 300       |                      | PREM             |
| 11    | 19/8/04 | 100        | 100    | 50   |           | 250       |                      | PREM             |
| 12    | 21/8/04 | 100        | 100    | 60   |           | 260       |                      | PREM             |
| 13)   | 23/8/04 | 80         | 120    | 40   |           | 240       |                      | PREM             |
| 14)   | 24/8/04 | 50         | 80     | 30   |           | 160       |                      | PREM             |
| 15    | 26/8/04 | 80         | 100    | 50   |           | 230       |                      | PREM             |
| 16    | 28/8/04 | 100        | 100    | 50   |           | 250       |                      | PREM             |
| 17    | 30/8/04 | 100        | 120    | 80   |           | 300       |                      | PREM             |
| 18    | 31/8/04 | 100        | 130    | 70   |           | 300       |                      | PREM             |
| Total |         | 1740       | 1820   | 930  | 3 liter   | 4490      |                      |                  |



| MONTH          |         | September      |          |                    |            |            | YEAR                 | 2024               |
|----------------|---------|----------------|----------|--------------------|------------|------------|----------------------|--------------------|
| SLAB           | DATE    | YELLOW (IN)    | RED (IN) | BLUE (IN)          | WHITE (IN) | TOTAL (IN) | SIGNATURE (HOSPITAL) | SIGNATURE (PERSON) |
| 04             | 2/9/24  | 100            | 150      | 50                 | 1.5 liter  | 300        | @                    | PREM               |
| 07             | 4/9/24  | 80             | 100      | 60                 |            | 260        | @                    | PREM               |
| 37             | 6/9/24  | 80             | 100      | 60                 |            | 260        | @                    | PREM               |
| 45             | 2/10/24 | 90             | 130      | 50                 |            | 270        | Z                    | PREM               |
| 50             | 11/9/24 | 100            | 100      | 60                 |            | 280        | @                    | PREM               |
| 60             | 13/9/24 | 100            | 120      | 60                 |            | 280        | @                    | PREM               |
| 70             | 14/9/24 | 80             | 100      | 50                 |            | 230        | @                    | PREM               |
| 80             | 15/9/24 | 100            | 110      | 50                 |            | 260        | Z                    | PREM               |
| 90             | 19/9/24 | 100            | 100      | 50                 | 1.5 liter  | 250        | @                    | PREM               |
| 100            |         |                |          |                    |            |            |                      |                    |
| 10             | 20/9/24 | 100            | 120      | 60                 |            | 280        | @                    | PREM               |
| 11             | 21/9/24 | 80             | 100      | 50                 |            | 230        | @                    | PREM               |
| 11             | 22/9/24 | 100            | 120      | 60                 |            | 280        | @                    | PREM               |
| 120            | 25/9/24 | 100            | 150      | 50                 |            | 300        | @                    | PREM               |
| 130            | 27/9/24 | 100            | 150      | 50                 |            | 300        | @                    | PREM               |
| 140            | 28/9/24 | 80             | 100      | 30                 |            | 210        | @                    | PREM               |
| 150            | 30/9/24 | 100            | 150      | 80                 |            | 330        | @                    | PREM               |
| <del>160</del> |         | <del>190</del> |          | <del>3 liter</del> |            |            |                      |                    |
|                |         | 1490           | 1960     | 2700               |            | 4320       |                      |                    |

| MONTH |          | October     |          |           |            |            | YEAR                 | 2024               |
|-------|----------|-------------|----------|-----------|------------|------------|----------------------|--------------------|
| SLAB  | DATE     | YELLOW (IN) | RED (IN) | BLUE (IN) | WHITE (IN) | TOTAL (IN) | SIGNATURE (HOSPITAL) | SIGNATURE (PERSON) |
| 07    | 1/10/24  | 80          | 100      | 50        | 1.5 liter  | 230        | @                    | PREM               |
| 07    | 3/10/24  | 100         | 100      | 80        |            | 300        | @                    | PREM               |
| 30    | 5/10/24  | 80          | 100      | 50        |            | 230        | @                    | PREM               |
| 40    | 7/10/24  | 90          | 100      | 80        |            | 270        | Z                    | PREM               |
| 50    | 9/10/24  | 90          | 120      | 60        |            | 270        | @                    | PREM               |
| 60    | 11/10/24 | 50          | 80       | 30        |            | 160        |                      | PREM               |
| 70    | 12/10/24 | 50          | 80       | 50        |            | 180        | @                    | PREM               |
| 80    | 24/10/24 | 60          | 80       | 40        |            | 180        | Z                    | PREM               |
| 90    |          |             |          |           |            |            |                      |                    |
| 90    | 16/10/24 | 80          | 100      | 60        | 1.5 liter  | 260        | @                    | PREM               |
| 100   |          |             |          |           |            |            |                      |                    |
| 10    | 18/10/24 | 80          | 100      | 60        |            | 260        | @                    | PREM               |
| 110   | 19/10/24 | 80          | 100      | 50        |            | 230        | @                    | PREM               |
| 120   |          |             |          |           |            |            |                      |                    |
| 120   | 21/10/24 | 80          | 100      | 50        |            | 230        | @                    | PREM               |
| 130   | 23/10/24 | 100         | 120      | 60        |            | 280        | @                    | PREM               |
| 140   | 25/10/24 | 100         | 120      | 60        |            | 280        | @                    | PREM               |
| 150   | 26/10/24 | 80          | 100      | 50        |            | 230        | @                    | PREM               |
| 160   | 28/10/24 | 100         | 120      | 60        |            | 280        | Z                    | PREM               |
| 170   | 30/10/24 | 80          | 100      | 60        |            | 260        | @                    | PREM               |
|       |          | 1380        | 1800     | 950       |            | 4130       |                      |                    |





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# 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.

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## TEST REPORT

GET/T/F/015

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


Date: 13.04.2024

| Address of the customer  | Report Details                |                               |
|--|-------------------------------|-------------------------------|
| M/s AEQUS SEZ PRIVATE LIMITED<br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Sampling location             | Near canteen area             |
|  | Sample collected by           | Kiran G L                     |
|  | Date of collection            | 03.04.2024                    |
|  | Sampling procedure            | As per respective test method |
|  | Date of sample receipt        | 04.04.2024                    |
|  | Particulars                   | Ambient Air                   |
|  | Date of analysis commencement | 04.04.2024                    |
|  | Date of analysis completed    | 08.04.2024                    |
|  | Number of pages               | 1 of 1                        |
|  | Sample number                 | GET/2024/Apr/53               |
| ULR report number  | TC555124000000939F            |                               |

| Environmental conditions |    |           |           |
|--------------------------|----|-----------|-----------|
| Temperature (°C)         | 34 | Climate   | Clear sky |
| Humidity (%)             | 37 | 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> | 43.6   | 100                    |
| 2                | Sulphur Dioxide (SO <sub>2</sub> )                              | IS 5182:Part 2:2001 (Reaffirmed:2022)  | µg/m <sup>3</sup> | 15.4   | 80                     |
| 3                | Nitrogen Dioxide (NO <sub>2</sub> )                             | IS 5182:Part 6:2006 (Reaffirmed:2022)  | µg/m <sup>3</sup> | 18.8   | 80                     |
| <b>Inference</b> |   | Conforms to prescribed standards       |                   |        |                        |

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

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

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

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+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 AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | <b>Sampling location</b>             | Near main gate area           |
|   | <b>Sample collected by</b>           | Raju K S                      |
|   | <b>Date of collection</b>            | 03.04.2024                    |
|   | <b>Sampling procedure</b>            | As per respective test method |
|   | <b>Date of sample receipt</b>        | 04.04.2024                    |
|   | <b>Particulars</b>                   | Ambient Air                   |
|   | <b>Date of analysis commencement</b> | 04.04.2024                    |
|   | <b>Date of analysis completed</b>    | 08.04.2024                    |
|   | <b>Number of pages</b>               | 1 of 1                        |
|   | <b>Sample number</b>                 | GET/2024/Apr/52               |
| <b>ULR report number</b>  | TC555124000000938F                   |                               |

#### Environmental conditions

|                  |    |           |           |
|------------------|----|-----------|-----------|
| Temperature (°C) | 33 | 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> | 51.7   | 100                    |
| 2                | Sulphur Dioxide (SO <sub>2</sub> )                              | IS 5182:Part 2:2001 (Reaffirmed:2022)  | µg/m <sup>3</sup> | 19.9   | 80                     |
| 3                | Nitrogen Dioxide (NO <sub>2</sub> )                             | IS 5182:Part 6:2006 (Reaffirmed:2022)  | µg/m <sup>3</sup> | 23.8   | 80                     |
| <b>Inference</b> |   | Conforms to prescribed standards       |                   |        |                        |

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

  
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Harish C S (T.M)

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

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## TEST REPORT

GPL/T/F/15

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

Date: 17.05.2024

| Address of the customer  | Report Details                   |                               |
|--|----------------------------------|-------------------------------|
| M/s AEQUS SEZ PRIVATE LIMITED<br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Sampling location                | Near STP area 300 KLD         |
|  | Sample collected by              | Raju K S, Field Technician    |
|  | Date of collection               | 11.05.2024                    |
|  | Sampling procedure               | As per respective test method |
|  | Date of sample receipt           | 13.05.2024                    |
|  | Particulars                      | Ambient Air                   |
|  | Date of commencement of analysis | 13.05.2024                    |
|  | Date of completion of analysis   | 16.05.2024                    |
|  | Number of pages                  | 1 of 1                        |
|  | Sample number                    | GPL/2024/May/129              |
| Sample report number   | GPL/2024/May/129                 |                               |
| ULR number   | TC555124000001287F               |                               |

| Environmental conditions |           |
|--------------------------|-----------|
| Temperature in °C        | 34        |
| Humidity in %            | 48        |
| 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> | 45.5   | 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> | 17.1   | 80        |
| <b>Inference</b> |   | Conforms to prescribed standards       |                   |        |           |

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

  
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Harish C S (T.M)

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## TEST REPORT

GPL/T/F/15

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

Date: 17.05.2024

| Address of the customer  | Report Details                   |                               |
|--|----------------------------------|-------------------------------|
| M/s AEQUS SEZ PRIVATE LIMITED<br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Sampling location                | Near DG area                  |
|  | Sample collected by              | Kiran G L, Field Technician   |
|  | Date of collection               | 11.05.2024                    |
|  | Sampling procedure               | As per respective test method |
|  | Date of sample receipt           | 13.05.2024                    |
|  | Particulars                      | Ambient Air                   |
|  | Date of commencement of analysis | 13.05.2024                    |
|  | Date of completion of analysis   | 16.05.2024                    |
|  | Number of pages                  | 1 of 1                        |
|  | Sample number                    | GPL/2024/May/130              |
| Sample report number   | GPL/2024/May/130                 |                               |
| ULR number   | TC555124000001288F               |                               |

| Environmental conditions |           |
|--------------------------|-----------|
| Temperature in °C        | 33        |
| 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> | 42.8   | 100       |
| 2                | Sulphur Dioxide (SO <sub>2</sub> )                              | IS 5182:Part 2:2001 (Reaffirmed:2022)  | µg/m <sup>3</sup> | 14.7   | 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\*\*\*





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## TEST REPORT

GPL/T/F/15

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

Date: 11.06.2024

| Address of the customer   | Report Details                          |                               |
|---|---|-------------------------------|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | <b>Sampling location</b>                | Near water pond area          |
|   | <b>Sample collected by</b>              | Raju K S, Field Technician    |
|   | <b>Date of collection</b>               | 06.06.2024                    |
|   | <b>Sampling procedure</b>               | As per respective test method |
|   | <b>Date of sample receipt</b>           | 07.06.2024                    |
|   | <b>Particulars</b>                      | Ambient Air                   |
|   | <b>Date of commencement of analysis</b> | 07.06.2024                    |
|   | <b>Date of completion of analysis</b>   | 11.06.2024                    |
|   | <b>Number of pages</b>                  | 1 of 1                        |
|   | <b>Sample number</b>                    | GPL/2024/Jun/104              |
| <b>Sample report number</b>   | GPL/2024/Jun/104                        |                               |
| <b>ULR number</b>   | TC555124000001533F                      |                               |

| Environmental conditions |        |
|--------------------------|--------|
| Temperature in °C        | 29     |
| Humidity in %            | 58     |
| 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> | 37.9   | 100       |
| 2                | Sulphur Dioxide (SO <sub>2</sub> )                              | IS 5182:Part 2:2001 (Reaffirmed:2022)  | µg/m <sup>3</sup> | 9.0    | 80        |
| 3                | Nitrogen Dioxide (NO <sub>2</sub> )                             | IS 5182:Part 6:2006 (Reaffirmed:2022)  | µg/m <sup>3</sup> | 12.1   | 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\*\*\*

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## TEST REPORT

GPL/T/F/15

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

Date: 11.06.2024

| Address of the customer   | Report Details                          |                                |
|---|---|--------------------------------|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | <b>Sampling location</b>                | Near admin block entrance area |
|   | <b>Sample collected by</b>              | Kiran G L, Field Technician    |
|   | <b>Date of collection</b>               | 06.06.2024                     |
|   | <b>Sampling procedure</b>               | As per respective test method  |
|   | <b>Date of sample receipt</b>           | 07.06.2024                     |
|   | <b>Particulars</b>                      | Ambient Air                    |
|   | <b>Date of commencement of analysis</b> | 07.06.2024                     |
|   | <b>Date of completion of analysis</b>   | 11.06.2024                     |
|   | <b>Number of pages</b>                  | 1 of 1                         |
|   | <b>Sample number</b>                    | GPL/2024/Jun/103               |
| <b>Sample report number</b>   | GPL/2024/Jun/103                        |                                |
| <b>ULR number</b>   | TC555124000001532F                      |                                |

#### Environmental conditions

|                   |        |
|-------------------|--------|
| Temperature in °C | 30     |
| Humidity in %     | 54     |
| 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> | 39.8   | 100       |
| 2                | Sulphur Dioxide (SO <sub>2</sub> )                              | IS 5182:Part 2:2001 (Reaffirmed:2022)  | µg/m <sup>3</sup> | 11.9   | 80        |
| 3                | Nitrogen Dioxide (NO <sub>2</sub> )                             | IS 5182:Part 6:2006 (Reaffirmed:2022)  | µg/m <sup>3</sup> | 14.3   | 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\*\*\*

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## TEST REPORT

GPL/T/F/15

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

Date: 10.07.2024

| Address of the customer  | Report Details                   |                               |
|--|----------------------------------|-------------------------------|
| M/s AEQUS SEZ PRIVATE LIMITED<br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Sampling location                | Near canteen area             |
|  | Sample collected by              | Raju K S, Field Technician    |
|  | Date of collection               | 03.07.2024                    |
|  | Sampling procedure               | As per respective test method |
|  | Date of sample receipt           | 04.07.2024                    |
|  | Particulars                      | Ambient Air                   |
|  | Date of commencement of analysis | 04.07.2024                    |
|  | Date of completion of analysis   | 08.07.2024                    |
|  | Number of pages                  | 1 of 1                        |
|  | Sample number                    | GPL/2024/Jul/57               |
| Sample report number   | GPL/2024/Jul/57                  |                               |
| ULR number   | TC555124000001787F               |                               |

| Environmental conditions |        |
|--------------------------|--------|
| Temperature in °C        | 28     |
| Humidity in %            | 73     |
| 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> | 38.6   | 100       |
| 2                | Sulphur Dioxide (SO <sub>2</sub> )                              | IS 5182:Part 2:2001 (Reaffirmed:2022)  | µg/m <sup>3</sup> | 11.9   | 80        |
| 3                | Nitrogen Dioxide (NO <sub>2</sub> )                             | IS 5182:Part 6:2006 (Reaffirmed:2022)  | µg/m <sup>3</sup> | 13.8   | 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\*\*\*

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## 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 AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | <b>Sampling location</b>                | Near main gate area           |
|   | <b>Sample collected by</b>              | Kiran G L, Field Technician   |
|   | <b>Date of collection</b>               | 03.07.2024                    |
|   | <b>Sampling procedure</b>               | As per respective test method |
|   | <b>Date of sample receipt</b>           | 04.07.2024                    |
|   | <b>Particulars</b>                      | Ambient Air                   |
|   | <b>Date of commencement of analysis</b> | 04.07.2024                    |
|   | <b>Date of completion of analysis</b>   | 08.07.2024                    |
|   | <b>Number of pages</b>                  | 1 of 1                        |
|   | <b>Sample number</b>                    | GPL/2024/Jul/58               |
| <b>Sample report number</b>   | GPL/2024/Jul/58                         |                               |
| <b>ULR number</b>   | TC555124000001788F                      |                               |

| Environmental conditions |        |
|--------------------------|--------|
| Temperature in °C        | 28     |
| Humidity in %            | 72     |
| 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> | 53.4   | 100       |
| 2                | Sulphur Dioxide (SO <sub>2</sub> )                              | IS 5182:Part 2:2001 (Reaffirmed:2022)  | µg/m <sup>3</sup> | 17.9   | 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**  
Harish C S (T.M)

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## TEST REPORT

GPL/T/F/15

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


Date: 19.08.2024

| Address of the customer   | Report Details                          |                               |
|---|---|-------------------------------|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | <b>Sampling location</b>                | Near 300 KLD STP area         |
|   | <b>Sample collected by</b>              | Raju K S, Field Technician    |
|   | <b>Date of collection</b>               | 08.08.2024                    |
|   | <b>Sampling procedure</b>               | As per respective test method |
|   | <b>Date of sample receipt</b>           | 09.08.2024                    |
|   | <b>Particular</b>                       | Ambient Air                   |
|   | <b>Date of commencement of analysis</b> | 09.08.2024                    |
|   | <b>Date of completion of analysis</b>   | 13.08.2024                    |
|   | <b>Number of pages</b>                  | 1 of 1                        |
|   | <b>Sample number</b>                    | GPL/2024/Aug/130              |
|   | <b>Sample report number</b>             | GPL/2024/Aug/130              |
| <b>ULR number</b>   | TC555124000001958F                      |                               |

| Environmental conditions  |        |
|---------------------------|--------|
| Ambient Temperature in °C | 28     |
| Humidity in %             | 71     |
| 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> | 45.9   | 100       |
| 2                | Sulphur Dioxide (SO <sub>2</sub> )                              | IS 5182:Part 2:2001 (Reaffirmed:2022)  | µg/m <sup>3</sup> | 14.3   | 80        |
| 3                | Nitrogen Dioxide (NO <sub>2</sub> )                             | IS 5182:Part 6:2006 (Reaffirmed:2022)  | µg/m <sup>3</sup> | 17.5   | 80        |
| <b>Inference</b> |   | Conforms to prescribed standards       |                   |        |           |

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

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

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## 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 AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | <b>Sampling location</b>                | Near DG area                  |
|   | <b>Sample collected by</b>              | Raju K S, Field Technician    |
|   | <b>Date of collection</b>               | 08.08.2024                    |
|   | <b>Sampling procedure</b>               | As per respective test method |
|   | <b>Date of sample receipt</b>           | 09.08.2024                    |
|   | <b>Particular</b>                       | Ambient Air                   |
|   | <b>Date of commencement of analysis</b> | 09.08.2024                    |
|   | <b>Date of completion of analysis</b>   | 13.08.2024                    |
|   | <b>Number of pages</b>                  | 1 of 1                        |
|   | <b>Sample number</b>                    | GPL/2024/Aug/131              |
|   | <b>Sample report number</b>             | GPL/2024/Aug/131              |
| <b>ULR number</b>   | TC555124000001959F                      |                               |

| Environmental conditions  |        |
|---------------------------|--------|
| Ambient Temperature in °C | 27     |
| Humidity in %             | 74     |
| 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> | 43.4   | 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> | 18.4   | 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\*\*\*

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## TEST REPORT

GPL/T/P/15

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

Date: 17.09.2024

| Address of the customer   | Report Details                          |                                |
|---|---|--------------------------------|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | <b>Sampling location</b>                | Near admin block entrance area |
|   | <b>Sample collected by</b>              | Raju K S, Field Technician     |
|   | <b>Date of collection</b>               | 04.09.2024                     |
|   | <b>Sampling procedure</b>               | As per respective test method  |
|   | <b>Date of sample receipt</b>           | 05.09.2024                     |
|   | <b>Particular</b>                       | Ambient Air                    |
|   | <b>Date of commencement of analysis</b> | 05.09.2024                     |
|   | <b>Date of completion of analysis</b>   | 09.09.2024                     |
|   | <b>Number of pages</b>                  | 1 of 1                         |
|   | <b>Sample number</b>                    | GPL/2024/Sep/63                |
| <b>Sample report number</b>   | GPL/2024/Sep/63                         |                                |
| <b>ULR number</b>   | TC555124000002204F                      |                                |

| Environmental conditions  |        |
|---------------------------|--------|
| Ambient Temperature in °C | 27     |
| Humidity in %             | 68     |
| 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> | 42.9   | 100       |
| 2                | Sulphur Dioxide (SO <sub>2</sub> )                              | IS 5182:Part 2:2001 (Reaffirmed:2022)  | µg/m <sup>3</sup> | 13.5   | 80        |
| 3                | Nitrogen Dioxide (NO <sub>2</sub> )                             | IS 5182:Part 6:2006 (Reaffirmed:2022)  | µg/m <sup>3</sup> | 16.6   | 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\*\*\*

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TC-5551

## 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 AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Sampling location                | Near water pond area          |
|   | Sample collected by              | Kiran G L, Field Technician   |
|   | Date of collection               | 04.09.2024                    |
|   | Sampling procedure               | As per respective test method |
|   | Date of sample receipt           | 05.09.2024                    |
|   | Particular                       | Ambient Air                   |
|   | Date of commencement of analysis | 05.09.2024                    |
|   | Date of completion of analysis   | 09.09.2024                    |
|   | Number of pages                  | 1 of 1                        |
|   | Sample number                    | GPL/2024/Sep/64               |
|   | Sample report number             | GPL/2024/Sep/64               |
| ULR number  | TC555124000002205F               |                               |

| 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> | 38.5   | 100       |
| 2                | Sulphur Dioxide (SO <sub>2</sub> )                              | IS 5182:Part 2:2001 (Reaffirmed:2022)  | µg/m <sup>3</sup> | 9.0    | 80        |
| 3                | Nitrogen Dioxide (NO <sub>2</sub> )                             | IS 5182:Part 6:2006 (Reaffirmed:2022)  | µg/m <sup>3</sup> | 12.4   | 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\*\*\*

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## TEST REPORT

GET/T/F/014

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

Date: 16.04.2024

| Address of the customer  | Report Details                |                           |
|--|-------------------------------|---------------------------|
| M/s AEQUS SEZ PRIVATE LIMITED<br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Sampling location             | Collected from final tank |
|  | Sample collected by           | Kiran G L                 |
|  | Sample type                   | Grab sample               |
|  | Date of collection            | 04.04.2024                |
|  | Sampling procedure            | IS 17614:Part 1:2021      |
|  | Date of sample receipt        | 05.04.2024                |
|  | Particulars                   | Sewage treated sample     |
|  | Date of analysis commencement | 05.04.2024                |
|  | Date of analysis completed    | 10.04.2024                |
|  | Number of pages               | 1 of 1                    |
| Sample number  | GET/2024/Apr/92               |                           |
| ULR report number  | TC555124000000977F            |                           |

| Sl. No.          | Parameter                                       | Test Method                               | Unit      | Result | Standards as per KSPCB |
|------------------|---|---|-----------|--------|------------------------|
| 1                | Colour  | IS 3025:Part 4:2021                       | Hazen     | <5.0   | -                      |
| 2                | pH value @ 25 °C                                | IS 3025:Part 11:2022                      | -         | 7.2    | 6.0-9.0                |
| 3                | Chemical Oxygen Demand                          | IS 3025:Part 58:2023                      | mg/L      | 40.0   | 50                     |
| 4                | Bio-Chemical Oxygen Demand (3 days @ 27 °C)     | IS 3025:Part 44:2023                      | mg/L      | 8.3    | 10                     |
| 5                | Non-Filterable Residue (Total Suspended Solids) | IS 3025:Part 17:2022                      | mg/L      | 10.2   | 20                     |
| 6                | Ammonical Nitrogen                              | IS 3025:Part 34:1988 (Reaffirmed:2019)    | mg/L      | 2.8    | 5                      |
| 7                | Total Nitrogen                                  | IS 3025:Part 34:1988 (Reaffirmed:2019)    | mg/L      | 4.2    | 10                     |
| 8                | Fecal Coliform                                  | APHA 24 <sup>th</sup> Edition 9221 E:2023 | MPN/100ml | 46     | <100                   |
| <b>Inference</b> |   | Conforms to prescribed standards          |           |        |                        |

  
VERIFIED BY  
Harish C S (T.M)

  
AUTHORISED SIGNATORY  
Muniraju G (Q.M)

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

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# 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/013

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF WATER

Date: 16.04.2024

| Address of the customer   | Report Details                       |                         |
|---|--------------------------------------|-------------------------|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | <b>Sampling location</b>             | Collected from RO inlet |
|   | <b>Sample collected by</b>           | Kiran G L               |
|   | <b>Sample type</b>                   | Grab sample             |
|   | <b>Date of collection</b>            | 04.04.2024              |
|   | <b>Sampling procedure</b>            | IS 17614:Part 1:2021    |
|   | <b>Date of sample receipt</b>        | 05.04.2024              |
|   | <b>Particulars</b>                   | Borewell water          |
|   | <b>Date of analysis commencement</b> | 05.04.2024              |
|   | <b>Date of analysis completed</b>    | 09.04.2024              |
|   | <b>Number of pages</b>               | 1 of 2                  |
|   | <b>Sample number</b>                 | GET/2024/Apr/94         |
|   | <b>ULR report number</b>             | TC555124000000979F      |

| Sl. No. | Parameter                                   | Test Method                             | Unit  | Result    | Standards as per IS:10500:2012 (Reaffirmed:2018) |                   |
|---------|---|---|-------|-----------|--|-------------------|
|         |   |   |       |           | Acceptable Limit                                 | Permissible Limit |
| 1       | Colour                                      | IS 3025:Part 4:2021                     | Hazen | <5.0      | 5  | 15                |
| 2       | Odour                                       | IS 3025:Part 5:2018                     | -     | Agreeable | Agreeable  | Agreeable         |
| 3       | pH value @ 25 °C                            | IS 3025:Part 11:2022                    | -     | 7.3       | 6.5-8.5  | No relaxation     |
| 4       | Taste                                       | IS 3025:Part 8:2023                     | -     | Agreeable | Agreeable  | Agreeable         |
| 5       | Turbidity                                   | IS 3025:Part 10:2023                    | NTU   | 0.05      | 1  | 5                 |
| 6       | Filterable Residue (Total Dissolved Solids) | IS 3025:Part 16:2023                    | mg/L  | 337.6     | 500  | 2000              |
| 7       | Ammonia as total ammonia-N                  | IS 3025:Part 34 :1988 (Reaffirmed:2019) | mg/L  | <0.02     | 0.5  | No relaxation     |
| 8       | Boron as B                                  | IS 3025:Part 57:2021                    | mg/L  | 0.03      | 0.5  | 1.0               |
| 9       | Calcium as Ca                               | IS 3025:Part 40 :1991 (Reaffirmed:2019) | mg/L  | 40.8      | 75   | 200               |
| 10      | Chloramines as Cl <sub>2</sub>              | IS 3025:Part 26:2021                    | mg/L  | <0.07     | 4.0  | No relaxation     |
| 11      | Chloride as Cl                              | IS 3025:Part 32:1988 (Reaffirmed:2019)  | mg/L  | 70.9      | 250  | 1000              |
| 12      | Fluoride as F                               | IS 3025:Part 60:2008 (Reaffirmed:2019)  | mg/L  | <0.05     | 1.0  | 1.5               |

Continued....

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

## TEST REPORT

GET/T/F/013

|                   |                    |
|-------------------|--------------------|
| Number of pages   | 2 of 2             |
| Sample number     | GET/2024/Apr/94    |
| ULR report number | TC555124000000979F |

| Sl. No. | Parameter                             | Test Method                            | Unit | Result | Standards as per IS:10500:2012 (Reaffirmed:2018) |                   |
|---------|---------------------------------------|--|------|--------|--|-------------------|
|         |                                       |  |      |        | Acceptable Limit                                 | Permissible Limit |
| 13      | Chlorine Residual                     | IS 3025:Part 26:2021                   | mg/L | <0.07  | 0.2  | 1                 |
| 14      | Iron as Fe                            | IS 3025:Part 53:2003 (Reaffirmed:2019) | mg/L | <0.04  | 0.3  | No relaxation     |
| 15      | Magnesium as Mg                       | IS 3025:Part 46:2023                   | mg/L | 19.9   | 30   | 100               |
| 16      | Mineral Oil                           | IS 3025:Part 39:2021                   | mg/L | <0.03  | 0.5  | No relaxation     |
| 17      | Nitrate as NO <sub>3</sub>            | IS 3025:Part 34:1988 (Reaffirmed:2019) | mg/L | <0.02  | 45   | No relaxation     |
| 18      | Sulphate as SO <sub>4</sub>           | IS 3025:Part 24: Sec 1:2022            | mg/L | <0.1   | 200  | 400               |
| 19      | Sulphide as H <sub>2</sub> S          | IS 3025:Part 29:2022                   | mg/L | <0.02  | 0.05   | No relaxation     |
| 20      | Total Alkalinity as CaCO <sub>3</sub> | IS 3025:Part 23:2023                   | mg/L | 40     | 200  | 600               |
| 21      | Total Hardness as CaCO <sub>3</sub>   | IS 3025:Part 21:2009 (Reaffirmed:2019) | mg/L | 182    | 200  | 600               |

### Microbiology Test

| Sl. No.          | Parameter               | Test Method                     | Unit                             | Result | Standards as per IS:10500:2012 (Reaffirmed-2018) (Clause 4.1.1) |
|------------------|-------------------------|---------------------------------|----------------------------------|--------|---|
| 1                | Escherichia coli        | IS 15185:2016 (Reaffirmed:2021) | MPN/100 ml                       | Absent | Shall not be detectable in any 100 ml sample                    |
| 2                | Total coliform bacteria | IS 15185:2016 (Reaffirmed:2021) | MPN/100 ml                       | Absent | Shall not be detectable in any 100 ml sample                    |
| <b>Inference</b> |                         |                                 | Conforms to prescribed standards |        |   |

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

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

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

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## TEST REPORT

GET/T/F/013

### ANALYSIS REPORT OF WATER

Date: 16.04.2024

| Address of the customer   | Report Details                       |                         |
|---|--------------------------------------|-------------------------|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | <b>Sampling location</b>             | Collected from RO inlet |
|   | <b>Sample collected by</b>           | Kiran G L               |
|   | <b>Sample type</b>                   | Grab sample             |
|   | <b>Date of collection</b>            | 04.04.2024              |
|   | <b>Sampling procedure</b>            | IS 17614:Part 1:2021    |
|   | <b>Date of sample receipt</b>        | 05.04.2024              |
|   | <b>Particulars</b>                   | Borewell water          |
|   | <b>Date of analysis commencement</b> | 06.04.2024              |
|   | <b>Date of analysis completed</b>    | 12.04.2024              |
|   | <b>Number of pages</b>               | 1 of 2                  |
| <b>Sample number</b>  | GET/2024/Apr/94                      |                         |

| Sl. No. | Parameter  | Test Method                               | Unit | Result | Standards as per IS:10500:2012 (Reaffirmed:2018) |                   |
|---------|--|---|------|--------|--|-------------------|
|         |  |   |      |        | Acceptable Limit                                 | Permissible Limit |
| 1       | Aluminium as Al  | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/L | <0.03  | 0.03   | 0.2               |
| 2       | Anionic Detergents as MBAS                             | IS 13428 Annex-K:2005 (Reaffirmed:2018)   | mg/L | <0.1   | 0.2  | 1.0               |
| 3       | Barium as Ba   | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/L | <0.03  | 0.7  | No relaxation     |
| 4       | Copper as Cu   | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/L | <0.03  | 0.05   | 1.5               |
| 5       | Manganese as Mn  | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/L | <0.03  | 0.1  | 0.3               |
| 6       | Phenolic Compounds as C <sub>6</sub> H <sub>5</sub> OH | C16 of IS 3025 (Part 43)/Sec1:2022        | mg/L | <0.001 | 0.001  | 0.002             |
| 7       | Selenium as Se   | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/L | <0.005 | 0.01   | No relaxation     |
| 8       | Zinc as Zn   | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/L | <0.02  | 5  | 15                |

Continued.....

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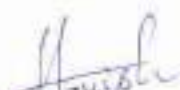
## TEST REPORT

GET/T/F/013

|                 |                 |
|-----------------|-----------------|
| Number of pages | 2 of 2          |
| Sample number   | GET/2024/Apr/94 |

| Sl. No.          | Parameter            | Test Method                               | Unit                             | Result  | Standards as per IS:10500:2012 (Reaffirmed:2018) |                   |
|------------------|----------------------|---|----------------------------------|---------|--|-------------------|
|                  |                      |   |                                  |         | Acceptable Limit                                 | Permissible Limit |
| 9                | Silver as Ag         | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/L                             | <0.03   | 0.1  | No relaxation     |
| 10               | Cadmium as Cd        | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/L                             | <0.0005 | 0.003  | No relaxation     |
| 11               | Cyanide as CN        | Cl 4 of IS 3025 (Part 27)/Sec1-2021       | mg/L                             | <0.01   | 0.05   | No relaxation     |
| 12               | Lead as Pb           | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/L                             | <0.005  | 0.01   | No relaxation     |
| 13               | Molybdenum as Mo     | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/L                             | <0.03   | 0.07   | No relaxation     |
| 14               | Nickel as Ni         | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/L                             | <0.02   | 0.02   | No relaxation     |
| 15               | Total Arsenic as As  | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/L                             | <0.005  | 0.01   | No relaxation     |
| 16               | Total Chromium as Cr | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/L                             | <0.03   | 0.05   | No relaxation     |
| <b>Inference</b> |                      |   | Conforms to prescribed standards |         |  |                   |

**Note:** Above mentioned parameters has been outsourced.

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

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

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## TEST REPORT

GET/T/F/013

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF WATER

Date: 16.04.2024

| Address of the customer   | Report Details                       |                          |
|---|--------------------------------------|--------------------------|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | <b>Sampling location</b>             | Collected from RO outlet |
|   | <b>Sample collected by</b>           | Raju K S                 |
|   | <b>Sample type</b>                   | Grab sample              |
|   | <b>Date of collection</b>            | 04.04.2024               |
|   | <b>Sampling procedure</b>            | IS 17614:Part 1:2021     |
|   | <b>Date of sample receipt</b>        | 05.04.2024               |
|   | <b>Particulars</b>                   | RO drinking water        |
|   | <b>Date of analysis commencement</b> | 05.04.2024               |
|   | <b>Date of analysis completed</b>    | 09.04.2024               |
|   | <b>Number of pages</b>               | 1 of 2                   |
|   | <b>Sample number</b>                 | GET/2024/Apr/93          |
|   | <b>ULR report number</b>             | TC55512400000978F        |

| Sl. No. | Parameter                                   | Test Method                             | Unit  | Result    | Standards as per IS:10500:2012 (Reaffirmed:2018) |                   |
|---------|---|---|-------|-----------|--|-------------------|
|         |   |   |       |           | Acceptable Limit                                 | Permissible Limit |
| 1       | Colour                                      | IS 3025:Part 4:2021                     | Hazen | <5.0      | 5  | 15                |
| 2       | Odour                                       | IS 3025:Part 5:2018                     | -     | Agreeable | Agreeable  | Agreeable         |
| 3       | pH value @ 25 °C                            | IS 3025:Part 11:2022                    | -     | 6.9       | 6.5-8.5  | No relaxation     |
| 4       | Taste                                       | IS 3025:Part 8:2023                     | -     | Agreeable | Agreeable  | Agreeable         |
| 5       | Turbidity                                   | IS 3025:Part 10:2023                    | NTU   | 0.05      | 1  | 5                 |
| 6       | Filterable Residue (Total Dissolved Solids) | IS 3025:Part 16:2023                    | mg/L  | 29.2      | 500  | 2000              |
| 7       | Ammonia as total ammonia-N                  | IS 3025:Part 34 :1988 (Reaffirmed:2019) | mg/L  | <0.02     | 0.5  | No relaxation     |
| 8       | Boron as B                                  | IS 3025:Part 57:2021                    | mg/L  | <0.02     | 0.5  | 1.0               |
| 9       | Calcium as Ca                               | IS 3025:Part 40 :1991 (Reaffirmed:2019) | mg/L  | 4.8       | 75   | 200               |
| 10      | Chloramines as Cl <sub>2</sub>              | IS 3025:Part 26:2021                    | mg/L  | <0.07     | 4.0  | No relaxation     |
| 11      | Chloride as Cl                              | IS 3025:Part 32:1988 (Reaffirmed:2019)  | mg/L  | 4.9       | 250  | 1000              |
| 12      | Fluoride as F                               | IS 3025:Part 60:2008 (Reaffirmed:2019)  | mg/L  | <0.05     | 1.0  | 1.5               |

Continued....,

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## TEST REPORT

GET/T/F/013

|                   |                    |
|-------------------|--------------------|
| Number of pages   | 2 of 2             |
| Sample number     | GET/2024/Apr/93    |
| ULR report number | TC555124000000978F |

| Sl. No. | Parameter                             | Test Method                            | Unit | Result | Standards as per IS:10500:2012 (Reaffirmed:2018) |                   |
|---------|---------------------------------------|--|------|--------|--|-------------------|
|         |                                       |  |      |        | Acceptable Limit                                 | Permissible Limit |
| 13      | Chlorine Residual                     | IS 3025:Part 26:2021                   | mg/L | <0.07  | 0.2  | 1                 |
| 14      | Iron as Fe                            | IS 3025:Part 53:2003 (Reaffirmed:2019) | mg/L | <0.04  | 0.3  | No relaxation     |
| 15      | Magnesium as Mg                       | IS 3025:Part 46:2023                   | mg/L | <0.4   | 30   | 100               |
| 16      | Mineral Oil                           | IS 3025:Part 39:2021                   | mg/L | <0.03  | 0.5  | No relaxation     |
| 17      | Nitrate as NO <sub>3</sub>            | IS 3025:Part 34:1988 (Reaffirmed:2019) | mg/L | <0.02  | 45   | No relaxation     |
| 18      | Sulphate as SO <sub>4</sub>           | IS 3025:Part 24: Sec 1 :2022           | mg/L | <0.1   | 200  | 400               |
| 19      | Sulphide as H <sub>2</sub> S          | IS 3025:Part 29:2022                   | mg/L | <0.02  | 0.05   | No relaxation     |
| 20      | Total Alkalinity as CaCO <sub>3</sub> | IS 3025:Part 23:2023                   | mg/L | 20     | 200  | 600               |
| 21      | Total Hardness as CaCO <sub>3</sub>   | IS 3025:Part 21:2009 (Reaffirmed:2019) | mg/L | <2.0   | 200  | 600               |

### Microbiology Test

| Sl. No.          | Parameter               | Test Method                     | Unit                             | Result | Standards as per IS:10500:2012 (Reaffirmed-2018) (Clause 4.1.1) |
|------------------|-------------------------|---------------------------------|----------------------------------|--------|---|
| 1                | Escherichia coli        | IS 15185:2016 (Reaffirmed:2021) | MPN/100 ml                       | Absent | Shall not be detectable in any 100 ml sample                    |
| 2                | Total coliform bacteria | IS 15185:2016 (Reaffirmed:2021) | MPN/100 ml                       | Absent | Shall not be detectable in any 100 ml sample                    |
| <b>Inference</b> |                         |                                 | Conforms to prescribed standards |        |   |

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

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

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

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## TEST REPORT

GET/T/F/013

### ANALYSIS REPORT OF WATER

Date: 16.04.2024

| Address of the customer  | Report Details                |                          |
|--|-------------------------------|--------------------------|
| M/s AEQUS SEZ PRIVATE LIMITED<br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Sampling location             | Collected from RO outlet |
|  | Sample collected by           | Raju K S                 |
|  | Sample type                   | Grab sample              |
|  | Date of collection            | 04.04.2024               |
|  | Sampling procedure            | IS 17614:Part 1:2021     |
|  | Date of sample receipt        | 05.04.2024               |
|  | Particulars                   | RO drinking water        |
|  | Date of analysis commencement | 06.04.2024               |
|  | Date of analysis completed    | 12.04.2024               |
|  | Number of pages               | 1 of 2                   |
| Sample number  | GET/2024/Apr/93               |                          |

| Sl. No. | Parameter  | Test Method                                  | Unit | Result | Standards as per IS:10500:2012 (Reaffirmed:2018) |                   |
|---------|--|--|------|--------|--|-------------------|
|         |  |  |      |        | Acceptable Limit                                 | Permissible Limit |
| 1       | Aluminium as Al  | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/L | <0.03  | 0.03   | 0.2               |
| 2       | Anionic Detergents as MBAS                             | IS 13428 Annex-K:2005<br>(Reaffirmed:2018)   | mg/L | <0.1   | 0.2  | 1.0               |
| 3       | Barium as Ba   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/L | <0.03  | 0.7  | No relaxation     |
| 4       | Copper as Cu   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/L | <0.03  | 0.05   | 1.5               |
| 5       | Manganese as Mn  | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/L | <0.03  | 0.1  | 0.3               |
| 6       | Phenolic Compounds as C <sub>6</sub> H <sub>5</sub> OH | Cl 6 of IS 3025<br>(Part 43)/Sec1:2022       | mg/L | <0.001 | 0.001  | 0.002             |
| 7       | Selenium as Se   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/L | <0.005 | 0.01   | No relaxation     |
| 8       | Zinc as Zn   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/L | <0.02  | 5  | 15                |

Continued....,

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## TEST REPORT

GET/T/F/013

|                 |                 |
|-----------------|-----------------|
| Number of pages | 2 of 2          |
| Sample number   | GET/2024/Apr/93 |

| Sl. No.          | Parameter            | Test Method                               | Unit                             | Result  | Standards as per IS:10500:2012 (Reaffirmed:2018) |                   |
|------------------|----------------------|---|----------------------------------|---------|--|-------------------|
|                  |                      |   |                                  |         | Acceptable Limit                                 | Permissible Limit |
| 9                | Silver as Ag         | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/L                             | <0.03   | 0.1  | No relaxation     |
| 10               | Cadmium as Cd        | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/L                             | <0.0005 | 0.003  | No relaxation     |
| 11               | Cyanide as CN        | CI 4 of IS 3025 (Part 27)/Sec 1]-2021     | mg/L                             | <0.01   | 0.05   | No relaxation     |
| 12               | Lead as Pb           | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/L                             | <0.005  | 0.01   | No relaxation     |
| 13               | Molybdenum as Mo     | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/L                             | <0.03   | 0.07   | No relaxation     |
| 14               | Nickel as Ni         | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/L                             | <0.02   | 0.02   | No relaxation     |
| 15               | Total Arsenic as As  | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/L                             | <0.005  | 0.01   | No relaxation     |
| 16               | Total Chromium as Cr | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/L                             | <0.03   | 0.05   | No relaxation     |
| <b>Inference</b> |                      |   | Conforms to prescribed standards |         |  |                   |

**Note:** Above mentioned parameters has been outsourced.

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

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

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## TEST REPORT

GPL/T/F/14

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

Date: 20.05.2024

| Address of the customer   | Report Details                   |  |
|---|----------------------------------|--|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Sample collected by              | Kiran G L, Field Technician                            |
|   | Sampling procedure               | IS 17614:Part 1:2021                                   |
|   | Date of collection               | 11.05.2024   |
|   | Date of sample receipt           | 13.05.2024   |
|   | Particulars of sample            | Sewage treated sample collected from final tank outlet |
|   | Date of commencement of analysis | 13.05.2024   |
|   | Date of completion of analysis   | 17.05.2024   |
|   | Number of pages                  | 1 of 1   |
|   | Sample number                    | GPL/2024/May/133                                       |
|   | Sample report number             | GPL/2024/May/133                                       |
| ULR number  | TC55512400001291F                |  |

| Sl. No.          | Parameter                                       | Test Method                               | Unit      | Result | Standard* |
|------------------|---|---|-----------|--------|-----------|
| 1                | pH  | IS 3025:Part 11:2022                      | -         | 7.3    | 6.0-9.0   |
| 2                | Chemical Oxygen Demand                          | IS 3025:Part 58:2023                      | mg/l      | 28.0   | 50        |
| 3                | Bio-Chemical Oxygen Demand (3 days @ 27 °C)     | IS 3025:Part 44:2023                      | mg/l      | 7.0    | 10        |
| 4                | Non-Filterable Residue (Total Suspended Solids) | IS 3025:Part 17:2022                      | mg/l      | 12.4   | 20        |
| 5                | Ammonical Nitrogen                              | IS 3025:Part 34:1988 (Reaffirmed:2019)    | mg/l      | 4.2    | 5         |
| 6                | Total Nitrogen                                  | IS 3025:Part 34:1988 (Reaffirmed:2019)    | mg/l      | 8.0    | 10        |
| 7                | Fecal Coliform                                  | APHA 24 <sup>th</sup> Edition 9221 E:2023 | MPN/100ml | 58     | <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)

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## TEST REPORT

GPL/T/F/13

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF WATER

Date: 20.05.2024

| Address of the customer   | Report Details                   |  |
|---|----------------------------------|--|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Sample collected by              | Kiran G L, Field Technician            |
|   | Sampling procedure               | IS 17614:Part 1:2021                   |
|   | Date of collection               | 11.05.2024                             |
|   | Date of sample receipt           | 13.05.2024                             |
|   | Particulars of sample            | Borewell water collected from RO inlet |
|   | Date of commencement of analysis | 13.05.2024                             |
|   | Date of completion of analysis   | 17.05.2024                             |
|   | Number of pages                  | 1 of 2                                 |
|   | Sample number                    | GPL/2024/May/135                       |
|   | Sample report number             | GPL/2024/May/135                       |
| ULR number  | TC555124000001293F               |  |

| Sl. No. | Parameter                                   | Test Method                             | Unit  | Result    | Standard*        |                   |
|---------|---|---|-------|-----------|------------------|-------------------|
|         |   |   |       |           | Acceptable Limit | Permissible Limit |
| 1       | Colour                                      | IS 3025:Part 4:2021                     | Hazen | <5.0      | 5                | 15                |
| 2       | Odour                                       | IS 3025:Part 5:2018                     | -     | Agreeable | Agreeable        | Agreeable         |
| 3       | pH  | IS 3025:Part 11:2022                    | -     | 7.4       | 6.5-8.5          | No relaxation     |
| 4       | Taste                                       | IS 3025:Part 8:2023                     | -     | Agreeable | Agreeable        | Agreeable         |
| 5       | Turbidity                                   | IS 3025:Part 10:2023                    | NTU   | 0.05      | 1                | 5                 |
| 6       | Filterable Residue (Total Dissolved Solids) | IS 3025:Part 16:2023                    | mg/l  | 378.0     | 500              | 2000              |
| 7       | Ammonia as total ammonia-N                  | IS 3025:Part 34 :1988 (Reaffirmed:2019) | mg/l  | <0.02     | 0.5              | No relaxation     |
| 8       | Boron as B                                  | IS 3025:Part 57:2021                    | mg/l  | 0.05      | 0.5              | 1.0               |
| 9       | Calcium as Ca                               | IS 3025:Part 40 :1991 (Reaffirmed:2019) | mg/l  | 70.5      | 75               | 200               |
| 10      | Chloramines as Cl <sub>2</sub>              | IS 3025:Part 26:2021                    | mg/l  | <0.07     | 4.0              | No relaxation     |
| 11      | Chloride as Cl                              | IS 3025:Part 32:1988 (Reaffirmed:2019)  | mg/l  | 71.4      | 250              | 1000              |
| 12      | Fluoride as F                               | IS 3025:Part 60:2008 (Reaffirmed:2019)  | mg/l  | <0.05     | 1.0              | 1.5               |

Continued....,

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## TEST REPORT

GPL/T/F/13

|                      |                    |
|----------------------|--------------------|
| Number of pages      | 2 of 2             |
| Sample number        | GPL/2024/May/135   |
| Sample report number | GPL/2024/May/135   |
| ULR number           | TC555124000001293F |

| Sl. No. | Parameter                             | Test Method                            | Unit | Result | Standard*        |                   |
|---------|---------------------------------------|--|------|--------|------------------|-------------------|
|         |                                       |  |      |        | Acceptable Limit | Permissible Limit |
| 13      | Free Residual Chlorine                | IS 3025:Part 26:2021                   | mg/l | <0.07  | 0.2              | 1                 |
| 14      | Iron as Fe                            | IS 3025:Part 53:2024                   | mg/l | <0.04  | 0.3              | No relaxation     |
| 15      | Magnesium as Mg                       | IS 3025:Part 46:2023                   | mg/l | 4.8    | 30               | 100               |
| 16      | Mineral Oil                           | IS 3025:Part 39:2021                   | mg/l | <0.3   | 0.5              | No relaxation     |
| 17      | Nitrate as NO <sub>3</sub>            | IS 3025:Part 34:1988 (Reaffirmed:2019) | mg/l | <0.02  | 45               | No relaxation     |
| 18      | Sulphate as SO <sub>4</sub>           | IS 3025:Part 24: Sec 1:2022            | mg/l | <0.1   | 200              | 400               |
| 19      | Sulphide as H <sub>2</sub> S          | IS 3025:Part 29:2022                   | mg/l | <0.02  | 0.05             | No relaxation     |
| 20      | Total Alkalinity as CaCO <sub>3</sub> | IS 3025:Part 23:2023                   | mg/l | 35.0   | 200              | 600               |
| 21      | Total Hardness as CaCO <sub>3</sub>   | IS 3025:Part 21:2009 (Reaffirmed:2019) | mg/l | 196    | 200              | 600               |

### Microbiology Test

| Sl. No.          | Parameter               | Test Method                      | Unit       | Result | Standard* (Clause 4.1.1)                     |
|------------------|-------------------------|----------------------------------|------------|--------|--|
| 1                | Escherichia coli        | IS 15185:2016 (Reaffirmed:2021)  | MPN/100 ml | Absent | Shall not be detectable in any 100 ml sample |
| 2                | Total coliform bacteria | IS 15185:2016 (Reaffirmed:2021)  | MPN/100 ml | Absent | Shall not be detectable in any 100 ml sample |
| <b>Inference</b> |                         | Conforms to prescribed standards |            |        |  |

Note: 1. \* As per IS 10500:2012 (Reaffirmed:2018)

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

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

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## TEST REPORT

GPL/T/F/13A

### ANALYSIS REPORT OF WATER

Date: 21.05.2024

| Address of the customer   | Report Details                   |  |
|---|----------------------------------|--|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Sample collected by              | Kiran G L, Field Technician            |
|   | Sampling procedure               | IS 17614:Part 1:2021                   |
|   | Date of collection               | 11.05.2024                             |
|   | Date of sample receipt           | 13.05.2024                             |
|   | Particulars of sample            | Borewell water collected from RO inlet |
|   | Date of commencement of analysis | 14.05.2024                             |
|   | Date of completion of analysis   | 20.05.2024                             |
|   | Number of pages                  | 1 of 2                                 |
|   | Sample number                    | GPL/2024/May/135                       |
| Sample report number  | GPL/2024/May/135                 |  |

| Sl. No. | Parameter  | Test Method                                  | Unit | Result | Standard*        |                   |
|---------|--|--|------|--------|------------------|-------------------|
|         |  |  |      |        | Acceptable Limit | Permissible Limit |
| 1       | Aluminium as Al  | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03  | 0.03             | 0.2               |
| 2       | Anionic Detergents as MBAS                             | IS 13428 Annex-K:2005<br>(Reaffirmed:2018)   | mg/l | <0.1   | 0.2              | 1.0               |
| 3       | Barium as Ba   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03  | 0.7              | No relaxation     |
| 4       | Copper as Cu   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03  | 0.05             | 1.5               |
| 5       | Manganese as Mn  | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03  | 0.1              | 0.3               |
| 6       | Phenolic Compounds as C <sub>6</sub> H <sub>5</sub> OH | Cl 6 of IS 3025<br>(Part 43)/Sec1:2022       | mg/l | <0.001 | 0.001            | 0.002             |
| 7       | Selenium as Se   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.005 | 0.01             | No relaxation     |
| 8       | Zinc as Zn   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.02  | 5                | 15                |

Continued....,

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## TEST REPORT

GPL/T/F/13A

|                      |                  |
|----------------------|------------------|
| Number of pages      | 2 of 2           |
| Sample number        | GPL/2024/May/135 |
| Sample report number | GPL/2024/May/135 |

| Sl. No.          | Parameter            | Test Method                                  | Unit                             | Result  | Standard*        |                   |
|------------------|----------------------|--|----------------------------------|---------|------------------|-------------------|
|                  |                      |  |                                  |         | Acceptable Limit | Permissible Limit |
| 9                | Silver as Ag         | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.03   | 0.1              | No relaxation     |
| 10               | Cadmium as Cd        | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.0005 | 0.003            | No relaxation     |
| 11               | Cyanide as CN        | CI 4 of IS 3025<br>(Part 27)/Sec1)-2021      | mg/l                             | <0.01   | 0.05             | No relaxation     |
| 12               | Lead as Pb           | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.005  | 0.01             | No relaxation     |
| 13               | Mercury as Hg        | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.001  | 0.001            | No relaxation     |
| 14               | Molybdenum as Mo     | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.03   | 0.07             | No relaxation     |
| 15               | Nickel as Ni         | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.02   | 0.02             | No relaxation     |
| 16               | Total Arsenic as As  | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.005  | 0.01             | No relaxation     |
| 17               | Total Chromium as Cr | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.03   | 0.05             | No relaxation     |
| <b>Inference</b> |                      |  | Conforms to prescribed standards |         |                  |                   |

**Note:** 1. \* As per IS 10500:2012 (Reaffirmed:2018)  
2. Above mentioned parameters has been outsourced

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

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## TEST REPORT

GPL/T/F/13

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF WATER

Date: 20.05.2024

| Address of the customer   | Report Details                          |  |
|---|---|--|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | <b>Sample collected by</b>              | Raju K S, Field Technician                 |
|   | <b>Sampling procedure</b>               | IS 17614:Part 1:2021                       |
|   | <b>Date of collection</b>               | 11.05.2024                                 |
|   | <b>Date of sample receipt</b>           | 13.05.2024                                 |
|   | <b>Particulars of sample</b>            | RO drinking water collected from RO outlet |
|   | <b>Date of commencement of analysis</b> | 13.05.2024                                 |
|   | <b>Date of completion of analysis</b>   | 17.05.2024                                 |
|   | <b>Number of pages</b>                  | 1 of 2                                     |
|   | <b>Sample number</b>                    | GPL/2024/May/134                           |
|   | <b>Sample report number</b>             | GPL/2024/May/134                           |
| <b>ULR number</b>   | TC555124000001292F                      |  |

| Sl. No. | Parameter                                   | Test Method                             | Unit  | Result    | Standard*        |                   |
|---------|---|---|-------|-----------|------------------|-------------------|
|         |   |   |       |           | Acceptable Limit | Permissible Limit |
| 1       | Colour                                      | IS 3025:Part 4:2021                     | Hazen | <5.0      | 5                | 15                |
| 2       | Odour                                       | IS 3025:Part 5:2018                     | -     | Agreeable | Agreeable        | Agreeable         |
| 3       | pH  | IS 3025:Part 11:2022                    | -     | 7.0       | 6.5-8.5          | No relaxation     |
| 4       | Taste                                       | IS 3025:Part 8:2023                     | -     | Agreeable | Agreeable        | Agreeable         |
| 5       | Turbidity                                   | IS 3025:Part 10:2023                    | NTU   | 0.05      | 1                | 5                 |
| 6       | Filterable Residue (Total Dissolved Solids) | IS 3025:Part 16:2023                    | mg/l  | 23.6      | 500              | 2000              |
| 7       | Ammonia as total ammonia-N                  | IS 3025:Part 34 :1988 (Reaffirmed:2019) | mg/l  | <0.02     | 0.5              | No relaxation     |
| 8       | Boron as B                                  | IS 3025:Part 57:2021                    | mg/l  | 0.03      | 0.5              | 1.0               |
| 9       | Calcium as Ca                               | IS 3025:Part 40 :1991 (Reaffirmed:2019) | mg/l  | <0.8      | 75               | 200               |
| 10      | Chloramines as Cl <sub>2</sub>              | IS 3025:Part 26:2021                    | mg/l  | <0.07     | 4.0              | No relaxation     |
| 11      | Chloride as Cl                              | IS 3025:Part 32:1988 (Reaffirmed:2019)  | mg/l  | 5.4       | 250              | 1000              |
| 12      | Fluoride as F                               | IS 3025:Part 60:2008 (Reaffirmed:2019)  | mg/l  | <0.05     | 1.0              | 1.5               |

Continued....,

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## TEST REPORT

GPL/T/F/13

|                      |                    |
|----------------------|--------------------|
| Number of pages      | 2 of 2             |
| Sample number        | GPL/2024/May/134   |
| Sample report number | GPL/2024/May/134   |
| ULR number           | TC555124000001292F |

| Sl. No. | Parameter                             | Test Method                            | Unit | Result | Standard*        |                   |
|---------|---------------------------------------|--|------|--------|------------------|-------------------|
|         |                                       |  |      |        | Acceptable Limit | Permissible Limit |
| 13      | Free Residual Chlorine                | IS 3025:Part 26:2021                   | mg/l | <0.07  | 0.2              | 1                 |
| 14      | Iron as Fe.                           | IS 3025:Part 53:2024                   | mg/l | <0.04  | 0.3              | No relaxation     |
| 15      | Magnesium as Mg                       | IS 3025:Part 46:2023                   | mg/l | <0.4   | 30               | 100               |
| 16      | Mineral Oil                           | IS 3025:Part 39:2021                   | mg/l | <0.3   | 0.5              | No relaxation     |
| 17      | Nitrate as NO <sub>3</sub>            | IS 3025:Part 34:1988 (Reaffirmed:2019) | mg/l | <0.02  | 45               | No relaxation     |
| 18      | Sulphate as SO <sub>4</sub>           | IS 3025:Part 24; Sec 1:2022            | mg/l | <0.1   | 200              | 400               |
| 19      | Sulphide as H <sub>2</sub> S          | IS 3025:Part 29:2022                   | mg/l | <0.02  | 0.05             | No relaxation     |
| 20      | Total Alkalinity as CaCO <sub>3</sub> | IS 3025:Part 23:2023                   | mg/l | 25.0   | 200              | 600               |
| 21      | Total Hardness as CaCO <sub>3</sub>   | IS 3025:Part 21:2009 (Reaffirmed:2019) | mg/l | <2.0   | 200              | 600               |

### Microbiology Test

| Sl. No.          | Parameter               | Test Method                      | Unit        | Result | Standard* (Clause 4.1.1)                     |
|------------------|-------------------------|----------------------------------|-------------|--------|--|
| 1                | Escherichia coli        | IS 15185:2016 (Reaffirmed:2021)  | MPN/ 100 ml | Absent | Shall not be detectable in any 100 ml sample |
| 2                | Total coliform bacteria | IS 15185:2016 (Reaffirmed:2021)  | MPN/ 100 ml | Absent | Shall not be detectable in any 100 ml sample |
| <b>Inference</b> |                         | Conforms to prescribed standards |             |        |  |

Note: 1. \* As per IS 10500:2012 (Reaffirmed:2018)

  
VERIFIED BY  
Harish C S (T.M)

  
AUTHORISED SIGNATORY  
Muniraju G (Q.M)

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

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## ENGINEERING SOLUTION FOR POLLUTION

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

### TEST REPORT

GPL/T/F/13A

#### ANALYSIS REPORT OF WATER

Date: 21.05.2024

| Address of the customer  | Report Details                   |  |
|--|----------------------------------|--|
| M/s AEQUS SEZ PRIVATE LIMITED<br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Sample collected by              | Raju K S, Field Technician                 |
|  | Sampling procedure               | IS 17614:Part 1:2021                       |
|  | Date of collection               | 11.05.2024                                 |
|  | Date of sample receipt           | 13.05.2024                                 |
|  | Particulars of sample            | RO drinking water collected from RO outlet |
|  | Date of commencement of analysis | 14.05.2024                                 |
|  | Date of completion of analysis   | 20.05.2024                                 |
|  | Number of pages                  | 1 of 2                                     |
|  | Sample number                    | GPL/2024/May/134                           |
| Sample report number   | GPL/2024/May/134                 |  |

| Sl. No. | Parameter  | Test Method                               | Unit | Result | Standard*        |                   |
|---------|--|---|------|--------|------------------|-------------------|
|         |  |   |      |        | Acceptable Limit | Permissible Limit |
| 1       | Aluminium as Al  | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/l | <0.03  | 0.03             | 0.2               |
| 2       | Anionic Detergents as MBAS                             | IS 13428 Annex-K:2005 (Reaffirmed:2018)   | mg/l | <0.1   | 0.2              | 1.0               |
| 3       | Barium as Ba   | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/l | <0.03  | 0.7              | No relaxation     |
| 4       | Copper as Cu   | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/l | <0.03  | 0.05             | 1.5               |
| 5       | Manganese as Mn  | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/l | <0.03  | 0.1              | 0.3               |
| 6       | Phenolic Compounds as C <sub>6</sub> H <sub>5</sub> OH | Cl 6 of IS 3025 (Part 43)/Sec1:2022       | mg/l | <0.001 | 0.001            | 0.002             |
| 7       | Selenium as Se   | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/l | <0.005 | 0.01             | No relaxation     |
| 8       | Zinc as Zn   | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/l | <0.02  | 5                | 15                |

Continued....

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## TEST REPORT

GPL/T/F/13A

|                      |                  |
|----------------------|------------------|
| Number of pages      | 2 of 2           |
| Sample number        | GPL/2024/May/134 |
| Sample report number | GPL/2024/May/134 |

| Sl. No.          | Parameter            | Test Method                                  | Unit                             | Result  | Standard*        |                   |
|------------------|----------------------|--|----------------------------------|---------|------------------|-------------------|
|                  |                      |  |                                  |         | Acceptable Limit | Permissible Limit |
| 9                | Silver as Ag         | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.03   | 0.1              | No relaxation     |
| 10               | Cadmium as Cd        | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.0005 | 0.003            | No relaxation     |
| 11               | Cyanide as CN        | CI 4 of IS 3025<br>(Part 27)/Sec1-2021       | mg/l                             | <0.01   | 0.05             | No relaxation     |
| 12               | Lead as Pb           | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.005  | 0.01             | No relaxation     |
| 13               | Mercury as Hg        | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.001  | 0.001            | No relaxation     |
| 14               | Molybdenum as Mo     | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.03   | 0.07             | No relaxation     |
| 15               | Nickel as Ni         | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.02   | 0.02             | No relaxation     |
| 16               | Total Arsenic as As  | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.005  | 0.01             | No relaxation     |
| 17               | Total Chromium as Cr | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.03   | 0.05             | No relaxation     |
| <b>Inference</b> |                      |  | Conforms to prescribed standards |         |                  |                   |

**Note:** 1. \* As per IS 10500:2012 (Reaffirmed:2018)  
2. Above mentioned parameters has been outsourced

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

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## TEST REPORT

GPL/T/F/13

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF WATER

Date: 21.05.2024

| Address of the customer   | Report Details                          |                                 |
|---|---|---------------------------------|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | <b>Sample collected by</b>              | Kiran G L, Field Technician     |
|   | <b>Sampling procedure</b>               | IS 17614:Part 1:2021            |
|   | <b>Date of collection</b>               | 11.05.2024                      |
|   | <b>Date of sample receipt</b>           | 13.05.2024                      |
|   | <b>Particulars of sample</b>            | Storm water collected from pond |
|   | <b>Date of commencement of analysis</b> | 13.05.2024                      |
|   | <b>Date of completion of analysis</b>   | 17.05.2024                      |
|   | <b>Number of pages</b>                  | 1 of 2                          |
|   | <b>Sample number</b>                    | GPL/2024/May/136                |
|   | <b>Sample report number</b>             | GPL/2024/May/136                |
| <b>ULR number</b>   | TC555124000001294F                      |                                 |

| Sl. No. | Parameter                                   | Test Method                                | Unit  | Result | Standard* |
|---------|---|--|-------|--------|-----------|
| 1       | Colour                                      | IS 3025:Part 4:2021                        | Hazen | <5.0   | -         |
| 2       | pH  | IS 3025:Part 11:2022                       | -     | 7.3    | 6.0-8.5   |
| 3       | Specific Conductivity                       | IS 3025:Part 14:2013<br>(Reaffirmed:2019)  | µS/cm | 680    | 2500      |
| 4       | Bio-Chemical Oxygen Demand (3 days @ 27 °C) | IS 3025:Part 44:2023                       | mg/l  | 6.0    | -         |
| 5       | Filterable Residue (Total Dissolved Solids) | IS 3025:Part 16:2023                       | mg/l  | 480    | 2100      |
| 6       | Dissolved Oxygen                            | IS 3025:Part 38:1989<br>(Reaffirmed:2019)  | mg/l  | 2.4    | 3.0       |
| 7       | Chloride as Cl                              | IS 3025:Part 32:1988<br>(Reaffirmed:2019)  | mg/l  | 69.9   | 600       |
| 8       | Ammonia as total ammonia-N                  | IS 3025:Part 34 :1988<br>(Reaffirmed:2019) | mg/l  | 2.8    | -         |
| 9       | Fluoride as F                               | IS 3025:Part 60:2008<br>(Reaffirmed:2019)  | mg/l  | <0.05  | -         |

Continued....,

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## TEST REPORT

GPL/T/F/13

|                      |                    |
|----------------------|--------------------|
| Number of pages      | 2 of 2             |
| Sample number        | GPL/2024/May/136   |
| Sample report number | GPL/2024/May/136   |
| ULR number           | TC555124000001294F |

| Sl. No.          | Parameter                   | Test Method                               | Unit       | Result | Standard* |
|------------------|-----------------------------|---|------------|--------|-----------|
| 10               | Boron as B                  | IS 3025:Part 57:2021                      | mg/l       | 0.20   | -         |
| 11               | Iron as Fe                  | IS 3025:Part 53:2024                      | mg/l       | <0.04  | -         |
| 12               | Nitrate as NO <sub>3</sub>  | IS 3025:Part 34:1988<br>(Reaffirmed:2019) | mg/l       | <0.02  | -         |
| 13               | Sulphate as SO <sub>4</sub> | IS 3025:Part 24:<br>Sec 1 :2022           | mg/l       | 124.0  | 1000      |
| 14               | Total coliform bacteria     | IS 1622:1981<br>(Reaffirmed:2019)         | MPN/100 ml | 46     | -         |
| <b>Inference</b> |                             | Conforms to prescribed standards          |            |        |           |

Note: 1. \* As per Surface water quality criteria for different uses (specified by CPCB, 1979 and the Bureau of Indian Standards, 1982)

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

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

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## TEST REPORT

GPL/T/F/13

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF WATER

Date: 12.06.2024

| Address of the customer   | Report Details                   |  |
|---|----------------------------------|--|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Sample collected by              | Kiran G L, Field Technician            |
|   | Sampling procedure               | IS 17614:Part 1:2021                   |
|   | Date of collection               | 06.06.2024                             |
|   | Date of sample receipt           | 07.06.2024                             |
|   | Particulars of sample            | Borewell water collected from RO inlet |
|   | Date of commencement of analysis | 07.06.2024                             |
|   | Date of completion of analysis   | 11.06.2024                             |
|   | Number of pages                  | 1 of 2                                 |
|   | Sample number                    | GPL/2024/Jun/109                       |
|   | Sample report number             | GPL/2024/Jun/109                       |
| ULR number  | TC555124000001538F               |  |

| Sl. No. | Parameter                                   | Test Method                             | Unit  | Result    | Standard*        |                   |
|---------|---|---|-------|-----------|------------------|-------------------|
|         |   |   |       |           | Acceptable Limit | Permissible Limit |
| 1       | Colour                                      | IS 3025:Part 4:2021                     | Hazen | <5.0      | 5                | 15                |
| 2       | Odour                                       | IS 3025:Part 5:2018                     | -     | Agreeable | Agreeable        | Agreeable         |
| 3       | pH  | IS 3025:Part 11:2022                    | -     | 7.2       | 6.5-8.5          | No relaxation     |
| 4       | Taste                                       | IS 3025:Part 8:2023                     | -     | Agreeable | Agrecable        | Agreeable         |
| 5       | Turbidity                                   | IS 3025:Part 10:2023                    | NTU   | 0.05      | 1                | 5                 |
| 6       | Filterable Residue (Total Dissolved Solids) | IS 3025:Part 16:2023                    | mg/l  | 22.0      | 500              | 2000              |
| 7       | Ammonia as total ammonia-N                  | IS 3025:Part 34 :1988 (Reaffirmed:2019) | mg/l  | <0.02     | 0.5              | No relaxation     |
| 8       | Boron as B                                  | IS 3025:Part 57:2021                    | mg/l  | 0.05      | 0.5              | 1.0               |
| 9       | Calcium as Ca                               | IS 3025:Part 40 :1991 (Reaffirmed:2019) | mg/l  | <0.8      | 75               | 200               |
| 10      | Chloramines as Cl <sub>2</sub>              | IS 3025:Part 26:2021                    | mg/l  | <0.07     | 4.0              | No relaxation     |
| 11      | Chloride as Cl                              | IS 3025:Part 32:1988 (Reaffirmed:2019)  | mg/l  | 5.9       | 250              | 1000              |
| 12      | Fluoride as F                               | IS 3025:Part 60:2008 (Reaffirmed:2019)  | mg/l  | <0.05     | 1.0              | 1.5               |

Continued....

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## TEST REPORT

GPL/T/F/13

|                      |                    |
|----------------------|--------------------|
| Number of pages      | 2 of 2             |
| Sample number        | GPL/2024/Jun/109   |
| Sample report number | GPL/2024/Jun/109   |
| ULR number           | TC555124000001538F |

| Sl. No. | Parameter                             | Test Method                            | Unit | Result | Standard*        |                   |
|---------|---------------------------------------|--|------|--------|------------------|-------------------|
|         |                                       |  |      |        | Acceptable Limit | Permissible Limit |
| 13      | Free Residual Chlorine                | IS 3025:Part 26:2021                   | mg/l | <0.07  | 0.2              | 1                 |
| 14      | Iron as Fe                            | IS 3025:Part 53:2024                   | mg/l | <0.04  | 0.3              | No relaxation     |
| 15      | Magnesium as Mg                       | IS 3025:Part 46:2023                   | mg/l | <0.4   | 30               | 100               |
| 16      | Mineral Oil                           | IS 3025:Part 39:2021                   | mg/l | <0.3   | 0.5              | No relaxation     |
| 17      | Nitrate as NO <sub>3</sub>            | IS 3025:Part 34:1988 (Reaffirmed:2019) | mg/l | <0.02  | 45               | No relaxation     |
| 18      | Sulphate as SO <sub>4</sub>           | IS 3025:Part 24: Sec 1:2022            | mg/l | <0.1   | 200              | 400               |
| 19      | Sulphide as H <sub>2</sub> S          | IS 3025:Part 29:2022                   | mg/l | <0.02  | 0.05             | No relaxation     |
| 20      | Total Alkalinity as CaCO <sub>3</sub> | IS 3025:Part 23:2023                   | mg/l | 15.0   | 200              | 600               |
| 21      | Total Hardness as CaCO <sub>3</sub>   | IS 3025:Part 21:2009 (Reaffirmed:2019) | mg/l | <2.0   | 200              | 600               |

### Microbiology Test

| Sl. No.          | Parameter               | Test Method                     | Unit                             | Result | Standard* (Clause 4.1.1)                     |
|------------------|-------------------------|---------------------------------|----------------------------------|--------|--|
| 1                | Escherichia coli        | IS 15185:2016 (Reaffirmed:2021) | MPN/100 ml                       | Absent | Shall not be detectable in any 100 ml sample |
| 2                | Total coliform bacteria | IS 15185:2016 (Reaffirmed:2021) | MPN/100 ml                       | Absent | Shall not be detectable in any 100 ml sample |
| <b>Inference</b> |                         |                                 | Conforms to prescribed standards |        |  |

Note: 1. \* As per IS 10500:2012 (Reaffirmed:2018)

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

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## TEST REPORT

GPL/T/F/13A

### ANALYSIS REPORT OF WATER

Date: 12.06.2024

| Address of the customer   | Report Details                   |  |
|---|----------------------------------|--|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Sample collected by              | Kiran G L, Field Technician            |
|   | Sampling procedure               | IS 17614:Part 1:2021                   |
|   | Date of collection               | 06.06.2024                             |
|   | Date of sample receipt           | 07.06.2024                             |
|   | Particulars of sample            | Borewell water collected from RO inlet |
|   | Date of commencement of analysis | 08.06.2024                             |
|   | Date of completion of analysis   | 12.06.2024                             |
|   | Number of pages                  | 1 of 2                                 |
|   | Sample number                    | GPL/2024/Jun/109                       |
|   | Sample report number             | GPL/2024/Jun/109                       |

| Sl. No. | Parameter  | Test Method                                  | Unit | Result | Standard*        |                   |
|---------|--|--|------|--------|------------------|-------------------|
|         |  |  |      |        | Acceptable Limit | Permissible Limit |
| 1       | Aluminium as Al  | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03  | 0.03             | 0.2               |
| 2       | Anionic Detergents as MBAS                             | IS 13428 Annex-K:2005<br>(Reaffirmed:2018)   | mg/l | <0.1   | 0.2              | 1.0               |
| 3       | Barium as Ba   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03  | 0.7              | No relaxation     |
| 4       | Copper as Cu   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03  | 0.05             | 1.5               |
| 5       | Manganese as Mn  | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03  | 0.1              | 0.3               |
| 6       | Phenolic Compounds as C <sub>6</sub> H <sub>5</sub> OH | Cl 6 of IS 3025<br>(Part 43)/Sec1:2022       | mg/l | <0.001 | 0.001            | 0.002             |
| 7       | Selenium as Se   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.005 | 0.01             | No relaxation     |
| 8       | Zinc as Zn   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.02  | 5                | 15                |

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Continued....,

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## TEST REPORT

GPL/T/F/13A

|                      |                  |
|----------------------|------------------|
| Number of pages      | 2 of 2           |
| Sample number        | GPL/2024/Jun/109 |
| Sample report number | GPL/2024/Jun/109 |

| Sl. No.          | Parameter            | Test Method                                  | Unit                             | Result  | Standard*        |                   |
|------------------|----------------------|--|----------------------------------|---------|------------------|-------------------|
|                  |                      |  |                                  |         | Acceptable Limit | Permissible Limit |
| 9                | Silver as Ag         | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.03   | 0.1              | No relaxation     |
| 10               | Cadmium as Cd        | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.0005 | 0.003            | No relaxation     |
| 11               | Cyanide as CN        | Cl 4 of IS 3025<br>(Part 27)/Sec1)-2021      | mg/l                             | <0.01   | 0.05             | No relaxation     |
| 12               | Lead as Pb           | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.005  | 0.01             | No relaxation     |
| 13               | Mercury as Hg        | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.001  | 0.001            | No relaxation     |
| 14               | Molybdenum as Mo     | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.03   | 0.07             | No relaxation     |
| 15               | Nickel as Ni         | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.02   | 0.02             | No relaxation     |
| 16               | Total Arsenic as As  | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.005  | 0.01             | No relaxation     |
| 17               | Total Chromium as Cr | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.03   | 0.05             | No relaxation     |
| <b>Inference</b> |                      |  | Conforms to prescribed standards |         |                  |                   |

**Note:** 1. \* As per IS 10500:2012 (Reaffirmed:2018)  
2. Above mentioned parameters has been outsourced

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

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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.  
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## TEST REPORT

GPL/T/F/13

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF WATER

Date: 12.06.2024

| Address of the customer   | Report Details                   |  |
|---|----------------------------------|--|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Sample collected by              | Raju K S, Field Technician                 |
|   | Sampling procedure               | IS 17614:Part 1:2021                       |
|   | Date of collection               | 06.06.2024                                 |
|   | Date of sample receipt           | 07.06.2024                                 |
|   | Particulars of sample            | RO drinking water collected from RO outlet |
|   | Date of commencement of analysis | 07.06.2024                                 |
|   | Date of completion of analysis   | 11.06.2024                                 |
|   | Number of pages                  | 1 of 2                                     |
|   | Sample number                    | GPL/2024/Jun/108                           |
|   | Sample report number             | GPL/2024/Jun/108                           |
| ULR number  | TC555124000001537F               |  |

| Sl. No. | Parameter                                   | Test Method                             | Unit  | Result    | Standard*        |                   |
|---------|---|---|-------|-----------|------------------|-------------------|
|         |   |   |       |           | Acceptable Limit | Permissible Limit |
| 1       | Colour                                      | IS 3025:Part 4:2021                     | Hazen | <5.0      | 5                | 15                |
| 2       | Odour                                       | IS 3025:Part 5:2018                     | -     | Agreeable | Agreeable        | Agreeable         |
| 3       | pH  | IS 3025:Part 11:2022                    | -     | 7.2       | 6.5-8.5          | No relaxation     |
| 4       | Taste                                       | IS 3025:Part 8:2023                     | -     | Agreeable | Agreeable        | Agreeable         |
| 5       | Turbidity                                   | IS 3025:Part 10:2023                    | NTU   | 0.05      | 1                | 5                 |
| 6       | Filterable Residue (Total Dissolved Solids) | IS 3025:Part 16:2023                    | mg/l  | 22.0      | 500              | 2000              |
| 7       | Ammonia as total ammonia-N                  | IS 3025:Part 34 :1988 (Reaffirmed:2019) | mg/l  | <0.02     | 0.5              | No relaxation     |
| 8       | Boron as B                                  | IS 3025:Part 57:2021                    | mg/l  | 0.05      | 0.5              | 1.0               |
| 9       | Calcium as Ca                               | IS 3025:Part 40 :1991 (Reaffirmed:2019) | mg/l  | <0.8      | 75               | 200               |
| 10      | Chloramines as Cl <sub>2</sub>              | IS 3025:Part 26:2021                    | mg/l  | <0.07     | 4.0              | No relaxation     |
| 11      | Chloride as Cl                              | IS 3025:Part 32:1988 (Reaffirmed:2019)  | mg/l  | 5.9       | 250              | 1000              |
| 12      | Fluoride as F                               | IS 3025:Part 60:2008 (Reaffirmed:2019)  | mg/l  | <0.05     | 1.0              | 1.5               |

Continued....

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## TEST REPORT

GPL/T/F/13

|                      |                    |
|----------------------|--------------------|
| Number of pages      | 2 of 2             |
| Sample number        | GPL/2024/Jun/108   |
| Sample report number | GPL/2024/Jun/108   |
| ULR number           | TC555124000001537F |

| Sl. No. | Parameter                             | Test Method                            | Unit | Result | Standard*        |                   |
|---------|---------------------------------------|--|------|--------|------------------|-------------------|
|         |                                       |  |      |        | Acceptable Limit | Permissible Limit |
| 13      | Free Residual Chlorine                | IS 3025:Part 26:2021                   | mg/l | <0.07  | 0.2              | 1                 |
| 14      | Iron as Fe                            | IS 3025:Part 53:2024                   | mg/l | <0.04  | 0.3              | No relaxation     |
| 15      | Magnesium as Mg                       | IS 3025:Part 46:2023                   | mg/l | <0.4   | 30               | 100               |
| 16      | Mineral Oil                           | IS 3025:Part 39:2021                   | mg/l | <0.3   | 0.5              | No relaxation     |
| 17      | Nitrate as NO <sub>3</sub>            | IS 3025:Part 34:1988 (Reaffirmed:2019) | mg/l | <0.02  | 45               | No relaxation     |
| 18      | Sulphate as SO <sub>4</sub>           | IS 3025:Part 24: Sec 1:2022            | mg/l | <0.1   | 200              | 400               |
| 19      | Sulphide as H <sub>2</sub> S          | IS 3025:Part 29:2022                   | mg/l | <0.02  | 0.05             | No relaxation     |
| 20      | Total Alkalinity as CaCO <sub>3</sub> | IS 3025:Part 23:2023                   | mg/l | 15.0   | 200              | 600               |
| 21      | Total Hardness as CaCO <sub>3</sub>   | IS 3025:Part 21:2009 (Reaffirmed:2019) | mg/l | <2.0   | 200              | 600               |

### Microbiology Test

| Sl. No.          | Parameter               | Test Method                      | Unit       | Result | Standard* (Clause 4.1.1)                     |
|------------------|-------------------------|----------------------------------|------------|--------|--|
| 1                | Escherichia coli        | IS 15185:2016 (Reaffirmed:2021)  | MPN/100 ml | Absent | Shall not be detectable in any 100 ml sample |
| 2                | Total coliform bacteria | IS 15185:2016 (Reaffirmed:2021)  | MPN/100 ml | Absent | Shall not be detectable in any 100 ml sample |
| <b>Inference</b> |                         | Conforms to prescribed standards |            |        |  |

Note: 1. \* As per IS 10500:2012 (Reaffirmed:2018)

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

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## TEST REPORT

GPL/T/F/13A

### ANALYSIS REPORT OF WATER

Date: 12.06.2024

| Address of the customer   | Report Details                   |  |
|---|----------------------------------|--|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Sample collected by              | Raju K S, Field Technician                 |
|   | Sampling procedure               | IS 17614:Part 1:2021                       |
|   | Date of collection               | 06.06.2024                                 |
|   | Date of sample receipt           | 07.06.2024                                 |
|   | Particulars of sample            | RO drinking water collected from RO outlet |
|   | Date of commencement of analysis | 08.06.2024                                 |
|   | Date of completion of analysis   | 12.06.2024                                 |
|   | Number of pages                  | 1 of 2                                     |
|   | Sample number                    | GPL/2024/Jun/108                           |
|   | Sample report number             | GPL/2024/Jun/108                           |

| Sl. No. | Parameter  | Test Method                                  | Unit | Result | Standard*        |                   |
|---------|--|--|------|--------|------------------|-------------------|
|         |  |  |      |        | Acceptable Limit | Permissible Limit |
| 1       | Aluminium as Al  | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03  | 0.03             | 0.2               |
| 2       | Anionic Detergents as MBAS                             | IS 13428 Annex-K:2005<br>(Reaffirmed:2018)   | mg/l | <0.1   | 0.2              | 1.0               |
| 3       | Barium as Ba   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03  | 0.7              | No relaxation     |
| 4       | Copper as Cu   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03  | 0.05             | 1.5               |
| 5       | Manganese as Mn  | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03  | 0.1              | 0.3               |
| 6       | Phenolic Compounds as C <sub>6</sub> H <sub>5</sub> OH | C16 of IS 3025<br>(Part 43)/Sec1:2022        | mg/l | <0.001 | 0.001            | 0.002             |
| 7       | Selenium as Se   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.005 | 0.01             | No relaxation     |
| 8       | Zinc as Zn   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.02  | 5                | 15                |

Continued....,

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## TEST REPORT

GPL/T/F/13A

|                      |                  |
|----------------------|------------------|
| Number of pages      | 2 of 2           |
| Sample number        | GPL/2024/Jun/108 |
| Sample report number | GPL/2024/Jun/108 |

| Sl. No.          | Parameter            | Test Method                                  | Unit                             | Result  | Standard*        |                   |
|------------------|----------------------|--|----------------------------------|---------|------------------|-------------------|
|                  |                      |  |                                  |         | Acceptable Limit | Permissible Limit |
| 9                | Silver as Ag         | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.03   | 0.1              | No relaxation     |
| 10               | Cadmium as Cd        | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.0005 | 0.003            | No relaxation     |
| 11               | Cyanide as CN        | Cl 4 of IS 3025<br>(Part 27)/Sec1)-2021      | mg/l                             | <0.01   | 0.05             | No relaxation     |
| 12               | Lead as Pb           | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.005  | 0.01             | No relaxation     |
| 13               | Mercury as Hg        | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.001  | 0.001            | No relaxation     |
| 14               | Molybdenum as Mo     | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.03   | 0.07             | No relaxation     |
| 15               | Nickel as Ni         | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.02   | 0.02             | No relaxation     |
| 16               | Total Arsenic as As  | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.005  | 0.01             | No relaxation     |
| 17               | Total Chromium as Cr | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.03   | 0.05             | No relaxation     |
| <b>Inference</b> |                      |  | Conforms to prescribed standards |         |                  |                   |

**Note:** 1. \* As per IS 10500:2012 (Reaffirmed:2018)  
2. Above mentioned parameters has been outsourced

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

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## TEST REPORT

GPL/T/F/14

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

Date: 12.06.2024

| Address of the customer   | Report Details                   |  |
|---|----------------------------------|--|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Sample collected by              | Kiran G L, Field Technician                            |
|   | Sampling procedure               | IS 17614:Part 1:2021                                   |
|   | Date of collection               | 06.06.2024   |
|   | Date of sample receipt           | 07.06.2024   |
|   | Particulars of sample            | Sewage treated sample collected from final tank outlet |
|   | Date of commencement of analysis | 07.06.2024   |
|   | Date of completion of analysis   | 12.06.2024   |
|   | Number of pages                  | 1 of 1   |
|   | Sample number                    | GPL/2024/Jun/107                                       |
|   | Sample report number             | GPL/2024/Jun/107                                       |
| ULR number  | TC555124000001536F               |  |

| Sl. No.          | Parameter                                       | Test Method                               | Unit                             | Result | Standard* |
|------------------|---|---|----------------------------------|--------|-----------|
| 1                | pH  | IS 3025:Part 11:2022                      | -                                | 7.5    | 6.0-9.0   |
| 2                | Chemical Oxygen Demand                          | IS 3025:Part 58:2023                      | mg/l                             | 40.0   | 50        |
| 3                | Bio-Chemical Oxygen Demand (3 days @ 27 °C)     | IS 3025:Part 44:2023                      | mg/l                             | 7.6    | 10        |
| 4                | Non-Filterable Residue (Total Suspended Solids) | IS 3025:Part 17:2022                      | mg/l                             | 14.8   | 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                             | 9.2    | 10        |
| 7                | Fecal Coliform                                  | APHA 24 <sup>th</sup> Edition 9221 E:2023 | MPN/100ml                        | 63     | <100      |
| <b>Inference</b> |   |   | Conforms to prescribed standards |        |           |

Note: 1. \* As per KSPCB consent copy.

  
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Muniraju G (Q.M)

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## TEST REPORT

GPL/T/F/28

### ANALYSIS REPORT OF SOIL QUALITY

Date: 12.06.2024

| Address of the customer   | Report Details                   |                               |
|---|----------------------------------|-------------------------------|
| M/s AEQUS SEZ PRIVATE LIMITED<br>Sy. No. 437 /A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Sampling location                | Near STP area 300 KLD         |
|   | Sample collected by              | Kiran G L, Field Technician   |
|   | Date of collection               | 06.06.2024                    |
|   | Sampling procedure               | As per respective test method |
|   | Particulars                      | Soil sample                   |
|   | Date of commencement of analysis | 07.06.2024                    |
|   | Date of completion of analysis   | 12.06.2024                    |
|   | Number of pages                  | 1 of 1                        |
|   | Sample number                    | GPL/2024/Jun/111              |
| Sample report number  | GPL/2024/Jun/111                 |                               |

| Sl. No. | Parameter               | Test Method       | Unit  | Result |
|---------|-------------------------|-------------------|-------|--------|
| 1       | pH                      | IS 2720 (Part 26) | -     | 7.2    |
| 2       | Electrical Conductivity | IS 14767          | μS/cm | 130.0  |
| 3       | Moisture Content        | IS 2720 (Part 18) | %     | 5.2    |

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

GPL/T/F/13

Date: 12.07.2024

| Address of the customer   | Report Details                          |   |
|---|---|---|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | <b>Sample collected by</b>              | Kiran G L, Field Technician                         |
|   | <b>Sampling procedure</b>               | IS 17614:Part 1:2021                                |
|   | <b>Date of collection</b>               | 04.07.2024  |
|   | <b>Date of sample receipt</b>           | 05.07.2024  |
|   | <b>Particulars of sample</b>            | Borewell water collected from RO inlet near RO unit |
|   | <b>Date of commencement of analysis</b> | 05.07.2024  |
|   | <b>Date of completion of analysis</b>   | 10.07.2024  |
|   | <b>Number of pages</b>                  | 1 of 2  |
|   | <b>Sample number</b>                    | GPL/2024/Jul/91                                     |
|   | <b>Sample report number</b>             | GPL/2024/Jul/91                                     |
| <b>ULR number</b>   | TC555124000001817F                      |   |

| Sl. No. | Parameter                                   | Test Method                             | Unit  | Result    | Standard*        |                   |
|---------|---|---|-------|-----------|------------------|-------------------|
|         |   |   |       |           | Acceptable Limit | Permissible Limit |
| 1       | Colour                                      | IS 3025:Part 4:2021                     | Hazen | <5.0      | 5                | 15                |
| 2       | Odour                                       | IS 3025:Part 5:2018                     | -     | Agreeable | Agreeable        | Agreeable         |
| 3       | pH  | IS 3025:Part 11:2022                    | -     | 7.3       | 6.5-8.5          | No relaxation     |
| 4       | Taste                                       | IS 3025:Part 8:2023                     | -     | Agreeable | Agreeable        | Agreeable         |
| 5       | Turbidity                                   | IS 3025:Part 10:2023                    | NTU   | 0.05      | 1                | 5                 |
| 6       | Filterable Residue (Total Dissolved Solids) | IS 3025:Part 16:2023                    | mg/l  | 202       | 500              | 2000              |
| 7       | Ammonia as total ammonia-N                  | IS 3025:Part 34 :1988 (Reaffirmed:2019) | mg/l  | <0.02     | 0.5              | No relaxation     |
| 8       | Boron as B                                  | IS 3025:Part 57:2021                    | mg/l  | 0.08      | 0.5              | 1.0               |
| 9       | Calcium as Ca                               | IS 3025:Part 40 :1991 (Reaffirmed:2019) | mg/l  | 24.0      | 75               | 200               |
| 10      | Chloramines as Cl <sub>2</sub>              | IS 3025:Part 26:2021                    | mg/l  | <0.07     | 4.0              | No relaxation     |
| 11      | Chloride as Cl                              | IS 3025:Part 32:1988 (Reaffirmed:2019)  | mg/l  | 3.9       | 250              | 1000              |

Continued....

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

## TEST REPORT

GPL/T/F/13

|                      |                    |
|----------------------|--------------------|
| Number of pages      | 2 of 2             |
| Sample number        | GPL/2024/Jul/91    |
| Sample report number | GPL/2024/Jul/91    |
| ULR number           | TC555124000001817F |

| Sl. No. | Parameter                             | Test Method                            | Unit | Result | Standard*        |                   |
|---------|---------------------------------------|--|------|--------|------------------|-------------------|
|         |                                       |  |      |        | Acceptable Limit | Permissible Limit |
| 12      | Fluoride as F                         | IS 3025:Part 60:2008 (Reaffirmed:2019) | mg/l | <0.05  | 1.0              | 1.5               |
| 13      | Free Residual Chlorine                | IS 3025:Part 26:2021                   | mg/l | <0.07  | 0.2              | 1                 |
| 14      | Iron as Fe                            | IS 3025:Part 53:2024                   | mg/l | <0.04  | 0.3              | No relaxation     |
| 15      | Magnesium as Mg                       | IS 3025:Part 46:2023                   | mg/l | 20.4   | 30               | 100               |
| 16      | Mineral Oil                           | IS 3025:Part 39:2021                   | mg/l | <0.3   | 0.5              | No relaxation     |
| 17      | Nitrate as NO <sub>3</sub>            | IS 3025:Part 34:1988 (Reaffirmed:2019) | mg/l | <0.02  | 45               | No relaxation     |
| 18      | Sulphate as SO <sub>4</sub>           | IS 3025:Part 24: Sec 1:2022            | mg/l | <0.1   | 200              | 400               |
| 19      | Sulphide as H <sub>2</sub> S          | IS 3025:Part 29:2022                   | mg/l | <0.02  | 0.05             | No relaxation     |
| 20      | Total Alkalinity as CaCO <sub>3</sub> | IS 3025:Part 23:2023                   | mg/l | 10.0   | 200              | 600               |
| 21      | Total Hardness as CaCO <sub>3</sub>   | IS 3025:Part 21:2009 (Reaffirmed:2019) | mg/l | 144    | 200              | 600               |

### Microbiology Test

| Sl. No.          | Parameter               | Test Method                     | Unit                             | Result | Standard* (Clause 4.1.1)                     |
|------------------|-------------------------|---------------------------------|----------------------------------|--------|--|
| 1                | Escherichia coli        | IS 15185:2016 (Reaffirmed:2021) | MPN/100 ml                       | Absent | Shall not be detectable in any 100 ml sample |
| 2                | Total coliform bacteria | IS 15185:2016 (Reaffirmed:2021) | MPN/100 ml                       | Absent | Shall not be detectable in any 100 ml sample |
| <b>Inference</b> |                         |                                 | Conforms to prescribed standards |        |  |

Note: 1. \* As per IS 10500:2012 (Reaffirmed:2018)

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

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

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

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# Ganga Enviro Tech (OPC) Private Limited

ENGINEERING SOLUTION FOR POLLUTION

CPCB Recognized Environmental Laboratory Under E (P) Act 1986  
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## TEST REPORT ANALYSIS REPORT OF WATER

GPL/T/F/13A

Date: 12.07.2024

| Address of the customer  | Report Details                   |   |
|--|----------------------------------|---|
| M/s AEQUS SEZ PRIVATE LIMITED<br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Sample collected by              | Kiran G L, Field Technician                         |
|  | Sampling procedure               | IS 17614:Part 1:2021                                |
|  | Date of collection               | 04.07.2024  |
|  | Date of sample receipt           | 05.07.2024  |
|  | Particulars of sample            | Borewell water collected from RO inlet near RO unit |
|  | Date of commencement of analysis | 06.07.2024  |
|  | Date of completion of analysis   | 11.07.2024  |
|  | Number of pages                  | 1 of 2  |
|  | Sample number                    | GPL/2024/Jul/91                                     |
| Sample report number   | GPL/2024/Jul/91                  |   |

| Sl. No. | Parameter  | Test Method                                  | Unit | Result | Standard*        |                   |
|---------|--|--|------|--------|------------------|-------------------|
|         |  |  |      |        | Acceptable Limit | Permissible Limit |
| 1       | Aluminium as Al  | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03  | 0.03             | 0.2               |
| 2       | Anionic Detergents as MBAS                             | IS 13428 Annex-K:2005<br>(Reaffirmed:2018)   | mg/l | <0.1   | 0.2              | 1.0               |
| 3       | Barium as Ba   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03  | 0.7              | No relaxation     |
| 4       | Copper as Cu   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03  | 0.05             | 1.5               |
| 5       | Manganese as Mn  | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03  | 0.1              | 0.3               |
| 6       | Phenolic Compounds as C <sub>6</sub> H <sub>5</sub> OH | Cl 6 of IS 3025<br>(Part 43)/Sec1:2022       | mg/l | <0.001 | 0.001            | 0.002             |
| 7       | Selenium as Se   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.005 | 0.01             | No relaxation     |
| 8       | Zinc as Zn   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.02  | 5                | 15                |

Continued.....

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## TEST REPORT

GPL/T/F/13A

|                      |                 |
|----------------------|-----------------|
| Number of pages      | 2 of 2          |
| Sample number        | GPL/2024/Jul/91 |
| Sample report number | GPL/2024/Jul/91 |

| Sl. No.          | Parameter            | Test Method                                  | Unit                             | Result  | Standard*        |                   |
|------------------|----------------------|--|----------------------------------|---------|------------------|-------------------|
|                  |                      |  |                                  |         | Acceptable Limit | Permissible Limit |
| 9                | Silver as Ag         | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.03   | 0.1              | No relaxation     |
| 10               | Cadmium as Cd        | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.0005 | 0.003            | No relaxation     |
| 11               | Cyanide as CN        | Cl 4 of IS 3025<br>(Part 27)/Sec1)-2021      | mg/l                             | <0.01   | 0.05             | No relaxation     |
| 12               | Lead as Pb           | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.005  | 0.01             | No relaxation     |
| 13               | Mercury as Hg        | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.001  | 0.001            | No relaxation     |
| 14               | Molybdenum as Mo     | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.03   | 0.07             | No relaxation     |
| 15               | Nickel as Ni         | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.02   | 0.02             | No relaxation     |
| 16               | Total Arsenic as As  | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.005  | 0.01             | No relaxation     |
| 17               | Total Chromium as Cr | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.03   | 0.05             | No relaxation     |
| <b>Inference</b> |                      |  | Conforms to prescribed standards |         |                  |                   |

**Note:** 1. \* As per IS 10500:2012 (Reaffirmed:2018)  
2. Above mentioned parameters has been outsourced.

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

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

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## TEST REPORT

GPL/T/F/13

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF WATER

Date: 12.07.2024

| Address of the customer   | Report Details                   |   |
|---|----------------------------------|---|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Sample collected by              | Raju K S, Field Technician                              |
|   | Sampling procedure               | IS 17614:Part 1:2021                                    |
|   | Date of collection               | 04.07.2024  |
|   | Date of sample receipt           | 05.07.2024  |
|   | Particulars of sample            | RO drinking water collected from RO outlet near RO unit |
|   | Date of commencement of analysis | 05.07.2024  |
|   | Date of completion of analysis   | 10.07.2024  |
|   | Number of pages                  | 1 of 2  |
|   | Sample number                    | GPL/2024/Jul/90   |
|   | Sample report number             | GPL/2024/Jul/90   |
| ULR number  | TC555124000001816F               |   |

| Sl. No. | Parameter                                   | Test Method                             | Unit  | Result    | Standard*        |                   |
|---------|---|---|-------|-----------|------------------|-------------------|
|         |   |   |       |           | Acceptable Limit | Permissible Limit |
| 1       | Colour                                      | IS 3025:Part 4:2021                     | Hazen | <5.0      | 5                | 15                |
| 2       | Odour                                       | IS 3025:Part 5:2018                     | -     | Agreeable | Agreeable        | Agreeable         |
| 3       | pH  | IS 3025:Part 11:2022                    | -     | 6.9       | 6.5-8.5          | No relaxation     |
| 4       | Taste                                       | IS 3025:Part 8:2023                     | -     | Agreeable | Agreeable        | Agreeable         |
| 5       | Turbidity                                   | IS 3025:Part 10:2023                    | NTU   | 0.05      | 1                | 5                 |
| 6       | Filterable Residue (Total Dissolved Solids) | IS 3025:Part 16:2023                    | mg/l  | 14.6      | 500              | 2000              |
| 7       | Ammonia as total ammonia-N                  | IS 3025:Part 34 :1988 (Reaffirmed:2019) | mg/l  | <0.02     | 0.5              | No relaxation     |
| 8       | Boron as B                                  | IS 3025:Part 57:2021                    | mg/l  | 0.03      | 0.5              | 1.0               |
| 9       | Calcium as Ca                               | IS 3025:Part 40 :1991 (Reaffirmed:2019) | mg/l  | <0.8      | 75               | 200               |
| 10      | Chloramines as Cl <sub>2</sub>              | IS 3025:Part 26:2021                    | mg/l  | <0.07     | 4.0              | No relaxation     |
| 11      | Chloride as Cl                              | IS 3025:Part 32:1988 (Reaffirmed:2019)  | mg/l  | 4.4       | 250              | 1000              |

Continued....

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## TEST REPORT

GPL/T/F/13

|                      |                    |
|----------------------|--------------------|
| Number of pages      | 2 of 2             |
| Sample number        | GPL/2024/Jul/90    |
| Sample report number | GPL/2024/Jul/90    |
| ULR number           | TC555124000001816F |

| Sl. No. | Parameter                             | Test Method                            | Unit | Result | Standard*        |                   |
|---------|---------------------------------------|--|------|--------|------------------|-------------------|
|         |                                       |  |      |        | Acceptable Limit | Permissible Limit |
| 12      | Fluoride as F                         | IS 3025:Part 60:2008 (Reaffirmed:2019) | mg/l | <0.05  | 1.0              | 1.5               |
| 13      | Free Residual Chlorine                | IS 3025:Part 26:2021                   | mg/l | <0.07  | 0.2              | 1                 |
| 14      | Iron as Fe                            | IS 3025:Part 53:2024                   | mg/l | <0.04  | 0.3              | No relaxation     |
| 15      | Magnesium as Mg                       | IS 3025:Part 46:2023                   | mg/l | <0.4   | 30               | 100               |
| 16      | Mineral Oil                           | IS 3025:Part 39:2021                   | mg/l | <0.3   | 0.5              | No relaxation     |
| 17      | Nitrate as NO <sub>3</sub>            | IS 3025:Part 34:1988 (Reaffirmed:2019) | mg/l | <0.02  | 45               | No relaxation     |
| 18      | Sulphate as SO <sub>4</sub>           | IS 3025:Part 24: Sec 1:2022            | mg/l | <0.1   | 200              | 400               |
| 19      | Sulphide as H <sub>2</sub> S          | IS 3025:Part 29:2022                   | mg/l | <0.02  | 0.05             | No relaxation     |
| 20      | Total Alkalinity as CaCO <sub>3</sub> | IS 3025:Part 23:2023                   | mg/l | 10.0   | 200              | 600               |
| 21      | Total Hardness as CaCO <sub>3</sub>   | IS 3025:Part 21:2009 (Reaffirmed:2019) | mg/l | <2.0   | 200              | 600               |

### Microbiology Test

| Sl. No.          | Parameter               | Test Method                     | Unit                             | Result | Standard* (Clause 4.1.1)                     |
|------------------|-------------------------|---------------------------------|----------------------------------|--------|--|
| 1                | Escherichia coli        | IS 15185:2016 (Reaffirmed:2021) | MPN/100 ml                       | Absent | Shall not be detectable in any 100 ml sample |
| 2                | Total coliform bacteria | IS 15185:2016 (Reaffirmed:2021) | MPN/100 ml                       | Absent | Shall not be detectable in any 100 ml sample |
| <b>Inference</b> |                         |                                 | Conforms to prescribed standards |        |  |

Note: 1. \* As per IS 10500:2012 (Reaffirmed:2018)

  
VERIFIED BY  
Harish C S (T.M)

  
AUTHORISED SIGNATORY  
Muniraju G (Q.M)

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

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## TEST REPORT ANALYSIS REPORT OF WATER

GPL/T/F/13A

Date: 12.07.2024

| Address of the customer   | Report Details                   |   |
|---|----------------------------------|---|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Sample collected by              | Kiran G L, Field Technician                             |
|   | Sampling procedure               | IS 17614:Part 1:2021                                    |
|   | Date of collection               | 04.07.2024  |
|   | Date of sample receipt           | 05.07.2024  |
|   | Particulars of sample            | RO drinking water collected from RO outlet near RO unit |
|   | Date of commencement of analysis | 06.07.2024  |
|   | Date of completion of analysis   | 11.07.2024  |
|   | Number of pages                  | 1 of 2  |
|   | Sample number                    | GPL/2024/Jul/90   |
| Sample report number  | GPL/2024/Jul/90                  |   |

| Sl. No. | Parameter  | Test Method                                  | Unit | Result | Standard*        |                   |
|---------|--|--|------|--------|------------------|-------------------|
|         |  |  |      |        | Acceptable Limit | Permissible Limit |
| 1       | Aluminium as Al  | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03  | 0.03             | 0.2               |
| 2       | Anionic Detergents as MBAS                             | IS 13428 Annex-K:2005<br>(Reaffirmed:2018)   | mg/l | <0.1   | 0.2              | 1.0               |
| 3       | Barium as Ba   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03  | 0.7              | No relaxation     |
| 4       | Copper as Cu   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03  | 0.05             | 1.5               |
| 5       | Manganese as Mn  | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03  | 0.1              | 0.3               |
| 6       | Phenolic Compounds as C <sub>6</sub> H <sub>5</sub> OH | Cl 6 of IS 3025<br>(Part 43)/Sec1:2022       | mg/l | <0.001 | 0.001            | 0.002             |
| 7       | Selenium as Se   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.005 | 0.01             | No relaxation     |
| 8       | Zinc as Zn   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.02  | 5                | 15                |

Continued....

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## TEST REPORT

GPL/T/F/13A

|                      |                 |
|----------------------|-----------------|
| Number of pages      | 2 of 2          |
| Sample number        | GPL/2024/Jul/90 |
| Sample report number | GPL/2024/Jul/90 |

| Sl. No.          | Parameter            | Test Method                                  | Unit                             | Result  | Standard*        |                   |
|------------------|----------------------|--|----------------------------------|---------|------------------|-------------------|
|                  |                      |  |                                  |         | Acceptable Limit | Permissible Limit |
| 9                | Silver as Ag         | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.03   | 0.1              | No relaxation     |
| 10               | Cadmium as Cd        | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.0005 | 0.003            | No relaxation     |
| 11               | Cyanide as CN        | Cl 4 of IS 3025<br>(Part 27)/Sec1)-2021      | mg/l                             | <0.01   | 0.05             | No relaxation     |
| 12               | Lead as Pb           | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.005  | 0.01             | No relaxation     |
| 13               | Mercury as Hg        | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.001  | 0.001            | No relaxation     |
| 14               | Molybdenum as Mo     | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.03   | 0.07             | No relaxation     |
| 15               | Nickel as Ni         | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.02   | 0.02             | No relaxation     |
| 16               | Total Arsenic as As  | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.005  | 0.01             | No relaxation     |
| 17               | Total Chromium as Cr | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l                             | <0.03   | 0.05             | No relaxation     |
| <b>Inference</b> |                      |  | Conforms to prescribed standards |         |                  |                   |

**Note:** 1. \* As per IS 10500:2012 (Reaffirmed:2018)  
2. Above mentioned parameters has been outsourced.

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

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

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## 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 AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | <b>Sample collected by</b>              | Kiran G L, Field Technician                            |
|   | <b>Sampling procedure</b>               | IS 17614:Part 1:2021                                   |
|   | <b>Date of collection</b>               | 04.07.2024   |
|   | <b>Date of sample receipt</b>           | 05.07.2024   |
|   | <b>Particulars of sample</b>            | Sewage treated sample collected from final tank outlet |
|   | <b>Date of commencement of analysis</b> | 05.07.2024   |
|   | <b>Date of completion of analysis</b>   | 10.07.2024   |
|   | <b>Number of pages</b>                  | 1 of 1   |
|   | <b>Sample number</b>                    | GPL/2024/Jul/89  |
|   | <b>Sample report number</b>             | GPL/2024/Jul/89  |
| <b>ULR number</b>   | TC555124000001815F                      |  |

| Sl. No.          | Parameter                                       | Test Method                               | Unit      | Result | Standard* |
|------------------|---|---|-----------|--------|-----------|
| 1                | pH  | IS 3025:Part 11:2022                      | -         | 7.3    | 6.0-9.0   |
| 2                | Chemical Oxygen Demand                          | IS 3025:Part 58:2023                      | mg/l      | 32.0   | 50        |
| 3                | Bio-Chemical Oxygen Demand (3 days @ 27 °C)     | IS 3025:Part 44:2023                      | mg/l      | 6.3    | 10        |
| 4                | Non-Filterable Residue (Total Suspended Solids) | IS 3025:Part 17:2022                      | mg/l      | 12.0   | 20        |
| 5                | Ammonical Nitrogen                              | IS 3025:Part 34:1988 (Reaffirmed:2019)    | mg/l      | 4.2    | 5         |
| 6                | Total Nitrogen                                  | IS 3025:Part 34:1988 (Reaffirmed:2019)    | mg/l      | 8.8    | 10        |
| 7                | Fecal Coliform                                  | APHA 24 <sup>th</sup> Edition 9221 E:2023 | MPN/100ml | 58     | <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\*\*\*

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# 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  
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## TEST REPORT

GPL/T/F/13

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF WATER

Date: 21.08.2024

| Address of the customer   | Report Details                   |   |
|---|----------------------------------|---|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Sample collected by              | Kiran G L, Field Technician                         |
|   | Sampling procedure               | IS 17614:Part 1:2021                                |
|   | Date of collection               | 09.08.2024  |
|   | Date of sample receipt           | 10.08.2024  |
|   | Particular of sample             | Borewell water collected from RO inlet near RO unit |
|   | Date of commencement of analysis | 10.08.2024  |
|   | Date of completion of analysis   | 13.08.2024  |
|   | Number of pages                  | 1 of 2  |
|   | Sample number                    | GPL/2024/Aug/168                                    |
|   | Sample report number             | GPL/2024/Aug/168                                    |
| ULR number  | TC555124000001991F               |   |

| Sl. No. | Parameter                                   | Test Method                             | Unit  | Result    | Standard*        |                   |
|---------|---|---|-------|-----------|------------------|-------------------|
|         |   |   |       |           | Acceptable Limit | Permissible Limit |
| 1       | Colour                                      | IS 3025:Part 4:2021                     | Hazen | <5.0      | 5                | 15                |
| 2       | Odour                                       | IS 3025:Part 5:2018                     | -     | Agreeable | Agreeable        | Agreeable         |
| 3       | pH  | IS 3025:Part 11:2022                    | -     | 7.5       | 6.5-8.5          | No relaxation     |
| 4       | Taste                                       | IS 3025:Part 8:2023                     | -     | Agreeable | Agreeable        | Agreeable         |
| 5       | Turbidity                                   | IS 3025:Part 10:2023                    | NTU   | 0.05      | 1                | 5                 |
| 6       | Filterable Residue (Total Dissolved Solids) | IS 3025:Part 16:2023                    | mg/l  | 190.0     | 500              | 2000              |
| 7       | Ammonia as total ammonia-N                  | IS 3025:Part 34 :1988 (Reaffirmed:2019) | mg/l  | <0.02     | 0.5              | No relaxation     |
| 8       | Boron as B                                  | IS 3025:Part 57:2021                    | mg/l  | 0.05      | 0.5              | 1.0               |
| 9       | Calcium as Ca                               | IS 3025:Part 40 :1991 (Reaffirmed:2019) | mg/l  | 24.8      | 75               | 200               |
| 10      | Chloramines as Cl <sub>2</sub>              | IS 3025:Part 26:2021                    | mg/l  | <0.07     | 4.0              | No relaxation     |
| 11      | Chloride as Cl                              | IS 3025:Part 32:1988 (Reaffirmed:2019)  | mg/l  | 15.9      | 250              | 1000              |

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Continued.....

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## TEST REPORT

GPL/T/F/13

|                      |                    |
|----------------------|--------------------|
| Number of pages      | 2 of 2             |
| Sample number        | GPL/2024/Aug/168   |
| Sample report number | GPL/2024/Aug/168   |
| ULR number           | TC555124000001991F |

| Sl. No. | Parameter                             | Test Method                            | Unit | Result | Standard*        |                   |
|---------|---------------------------------------|--|------|--------|------------------|-------------------|
|         |                                       |  |      |        | Acceptable Limit | Permissible Limit |
| 12      | Fluoride as F                         | IS 3025:Part 60:2008 (Reaffirmed:2019) | mg/l | <0.05  | 1.0              | 1.5               |
| 13      | Free Residual Chlorine                | IS 3025:Part 26:2021                   | mg/l | <0.07  | 0.2              | 1                 |
| 14      | Iron as Fe                            | IS 3025:Part 53:2024                   | mg/l | <0.04  | 0.3              | No relaxation     |
| 15      | Magnesium as Mg                       | IS 3025:Part 46:2023                   | mg/l | 9.2    | 30               | 100               |
| 16      | Mineral Oil                           | IS 3025:Part 39:2021                   | mg/l | <0.3   | 0.5              | No relaxation     |
| 17      | Nitrate as NO <sub>3</sub>            | IS 3025:Part 34:1988 (Reaffirmed:2019) | mg/l | <0.02  | 45               | No relaxation     |
| 18      | Sulphate as SO <sub>4</sub>           | IS 3025:Part 24: Sec 1:2022            | mg/l | <0.1   | 200              | 400               |
| 19      | Sulphide as H <sub>2</sub> S          | IS 3025:Part 29:2022                   | mg/l | <0.02  | 0.05             | No relaxation     |
| 20      | Total Alkalinity as CaCO <sub>3</sub> | IS 3025:Part 23:2023                   | mg/l | 15.0   | 200              | 600               |
| 21      | Total Hardness as CaCO <sub>3</sub>   | IS 3025:Part 21:2009 (Reaffirmed:2019) | mg/l | 100    | 200              | 600               |

### Microbiology Test

| Sl. No.          | Parameter               | Test Method                      | Unit       | Result | Standard* (Clause 4.1.1)                     |
|------------------|-------------------------|----------------------------------|------------|--------|--|
| 1                | Escherichia coli        | IS 15185:2016 (Reaffirmed:2021)  | MPN/100 ml | Absent | Shall not be detectable in any 100 ml sample |
| 2                | Total coliform bacteria | IS 15185:2016 (Reaffirmed:2021)  | MPN/100 ml | Absent | Shall not be detectable in any 100 ml sample |
| <b>Inference</b> |                         | Conforms to prescribed standards |            |        |  |

Note: 1. \* As per IS 10500:2012 (Reaffirmed:2018)

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

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

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## TEST REPORT

GPL/T/F/13A

### ANALYSIS REPORT OF WATER

Date: 21.08.2024

| Address of the customer   | Report Details                   |   |
|---|----------------------------------|---|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Sample collected by              | Kiran G L, Field Technician                         |
|   | Sampling procedure               | IS 17614:Part 1:2021                                |
|   | Date of collection               | 09.08.2024  |
|   | Date of sample receipt           | 10.08.2024  |
|   | Particular of sample             | Borewell water collected from RO inlet near RO unit |
|   | Date of commencement of analysis | 12.08.2024  |
|   | Date of completion of analysis   | 17.08.2024  |
|   | Number of pages                  | 1 of 2  |
|   | Sample number                    | GPL/2024/Aug/168                                    |
| Sample report number  | GPL/2024/Aug/168                 |   |

| Sl. No. | Parameter  | Test Method                                  | Unit | Result | Standard*        |                   |
|---------|--|--|------|--------|------------------|-------------------|
|         |  |  |      |        | Acceptable Limit | Permissible Limit |
| 1       | Aluminium as Al  | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03  | 0.03             | 0.2               |
| 2       | Anionic Detergents as MBAS                             | IS 13428 Annex-K:2005<br>(Reaffirmed:2018)   | mg/l | <0.1   | 0.2              | 1.0               |
| 3       | Barium as Ba   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03  | 0.7              | No relaxation     |
| 4       | Copper as Cu   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03  | 0.05             | 1.5               |
| 5       | Manganese as Mn  | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03  | 0.1              | 0.3               |
| 6       | Phenolic Compounds as C <sub>6</sub> H <sub>5</sub> OH | Cl 6 of IS 3025<br>(Part 43)/Sec1:2022       | mg/l | <0.001 | 0.001            | 0.002             |
| 7       | Selenium as Se   | IS 3025:Part 65:2022                         | mg/l | <0.005 | 0.01             | No relaxation     |
| 8       | Silver as Ag   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03  | 0.1              | No relaxation     |

Continued.....

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## TEST REPORT

GPL/T/F/13A

|                      |                  |
|----------------------|------------------|
| Number of pages      | 2 of 2           |
| Sample number        | GPL/2024/Aug/168 |
| Sample report number | GPL/2024/Aug/168 |

| Sl. No.          | Parameter            | Test Method                               | Unit                             | Result  | Standard*        |                   |
|------------------|----------------------|---|----------------------------------|---------|------------------|-------------------|
|                  |                      |   |                                  |         | Acceptable Limit | Permissible Limit |
| 9                | Cadmium as Cd        | IS 3025:Part 65:2022                      | mg/l                             | <0.0005 | 0.003            | No relaxation     |
| 10               | Cyanide as CN        | Cl 4 of IS 3025 (Part 27)/Sec1):2021      | mg/l                             | <0.01   | 0.05             | No relaxation     |
| 11               | Lead as Pb           | IS 3025:Part 65:2022                      | mg/l                             | <0.005  | 0.01             | No relaxation     |
| 12               | Mercury as Hg        | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/l                             | <0.001  | 0.001            | No relaxation     |
| 13               | Molybdenum as Mo     | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/l                             | <0.03   | 0.07             | No relaxation     |
| 14               | Nickel as Ni         | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/l                             | <0.02   | 0.02             | No relaxation     |
| 15               | Total Arsenic as As  | IS 3025:Part 65:2022                      | mg/l                             | <0.005  | 0.01             | No relaxation     |
| 16               | Total Chromium as Cr | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/l                             | <0.03   | 0.05             | No relaxation     |
| <b>Inference</b> |                      |   | Conforms to prescribed standards |         |                  |                   |

**Note:** 1. \* As per IS 10500:2012 (Reaffirmed:2018)  
2. Above mentioned parameters has been outsourced.

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

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

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## TEST REPORT

GPL/T/F/13

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF WATER

Date: 21.08.2024

| Address of the customer   | Report Details                   |  |
|---|----------------------------------|--|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Sample collected by              | Raju K S, Field Technician                               |
|   | Sampling procedure               | IS 17614:Part 1:2021                                     |
|   | Date of collection               | 09.08.2024   |
|   | Date of sample receipt           | 10.08.2024   |
|   | Particular of sample             | RO drinking water collected from RO outlet near RO unit. |
|   | Date of commencement of analysis | 10.08.2024   |
|   | Date of completion of analysis   | 13.08.2024   |
|   | Number of pages                  | 1 of 2   |
|   | Sample number                    | GPL/2024/Aug/167   |
|   | Sample report number             | GPL/2024/Aug/167   |
| ULR number  | TC555124000001990F               |  |

| Sl. No. | Parameter                                   | Test Method                             | Unit  | Result    | Standard*        |                   |
|---------|---|---|-------|-----------|------------------|-------------------|
|         |   |   |       |           | Acceptable Limit | Permissible Limit |
| 1       | Colour                                      | IS 3025:Part 4:2021                     | Hazen | <5.0      | 5                | 15                |
| 2       | Odour                                       | IS 3025:Part 5:2018                     | -     | Agreeable | Agreeable        | Agreeable         |
| 3       | pH  | IS 3025:Part 11:2022                    | -     | 6.8       | 6.5-8.5          | No relaxation     |
| 4       | Taste                                       | IS 3025:Part 8:2023                     | -     | Agreeable | Agreeable        | Agreeable         |
| 5       | Turbidity                                   | IS 3025:Part 10:2023                    | NTU   | 0.05      | 1                | 5                 |
| 6       | Filterable Residue (Total Dissolved Solids) | IS 3025:Part 16:2023                    | mg/l  | 12.4      | 500              | 2000              |
| 7       | Ammonia as total ammonia-N                  | IS 3025:Part 34 :1988 (Reaffirmed:2019) | mg/l  | <0.02     | 0.5              | No relaxation     |
| 8       | Boron as B                                  | IS 3025:Part 57:2021                    | mg/l  | 0.05      | 0.5              | 1.0               |
| 9       | Calcium as Ca                               | IS 3025:Part 40 :1991 (Reaffirmed:2019) | mg/l  | <0.8      | 75               | 200               |
| 10      | Chloramines as Cl <sub>2</sub>              | IS 3025:Part 26:2021                    | mg/l  | <0.07     | 4.0              | No relaxation     |
| 11      | Chloride as Cl                              | IS 3025:Part 32:1988 (Reaffirmed:2019)  | mg/l  | <0.4      | 250              | 1000              |

Continued.....

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## TEST REPORT

GPL/T/F/13

|                      |                    |
|----------------------|--------------------|
| Number of pages      | 2 of 2             |
| Sample number        | GPL/2024/Aug/167   |
| Sample report number | GPL/2024/Aug/167   |
| ULR number           | TC555124000001990F |

| Sl. No. | Parameter                             | Test Method                            | Unit | Result | Standard*        |                   |
|---------|---------------------------------------|--|------|--------|------------------|-------------------|
|         |                                       |  |      |        | Acceptable Limit | Permissible Limit |
| 12      | Fluoride as F                         | IS 3025:Part 60:2008 (Reaffirmed:2019) | mg/l | <0.05  | 1.0              | 1.5               |
| 13      | Free Residual Chlorine                | IS 3025:Part 26:2021                   | mg/l | <0.07  | 0.2              | 1                 |
| 14      | Iron as Fe                            | IS 3025:Part 53:2024                   | mg/l | <0.04  | 0.3              | No relaxation     |
| 15      | Magnesium as Mg                       | IS 3025:Part 46:2023                   | mg/l | <0.4   | 30               | 100               |
| 16      | Mineral Oil                           | IS 3025:Part 39:2021                   | mg/l | <0.3   | 0.5              | No relaxation     |
| 17      | Nitrate as NO <sub>3</sub>            | IS 3025:Part 34:1988 (Reaffirmed:2019) | mg/l | <0.02  | 45               | No relaxation     |
| 18      | Sulphate as SO <sub>4</sub>           | IS 3025:Part 24; Sec 1:2022            | mg/l | <0.1   | 200              | 400               |
| 19      | Sulphide as H <sub>2</sub> S          | IS 3025:Part 29:2022                   | mg/l | <0.02  | 0.05             | No relaxation     |
| 20      | Total Alkalinity as CaCO <sub>3</sub> | IS 3025:Part 23:2023                   | mg/l | 10.0   | 200              | 600               |
| 21      | Total Hardness as CaCO <sub>3</sub>   | IS 3025:Part 21:2009 (Reaffirmed:2019) | mg/l | <2.0   | 200              | 600               |

### Microbiology Test

| Sl. No.          | Parameter               | Test Method                     | Unit                             | Result | Standard* (Clause 4.1.1)                     |
|------------------|-------------------------|---------------------------------|----------------------------------|--------|--|
| 1                | Escherichia coli        | IS 15185:2016 (Reaffirmed:2021) | MPN/100 ml                       | Absent | Shall not be detectable in any 100 ml sample |
| 2                | Total coliform bacteria | IS 15185:2016 (Reaffirmed:2021) | MPN/100 ml                       | Absent | Shall not be detectable in any 100 ml sample |
| <b>Inference</b> |                         |                                 | Conforms to prescribed standards |        |  |

Note: 1. \* As per IS 10500:2012 (Reaffirmed:2018)

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

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

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## TEST REPORT ANALYSIS REPORT OF WATER

GPL/T/F/13A

Date: 21.08.2024

| Address of the customer   | Report Details                   |   |
|---|----------------------------------|---|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Sample collected by              | Raju K S, Field Technician                              |
|   | Sampling procedure               | IS 17614:Part 1:2021                                    |
|   | Date of collection               | 09.08.2024  |
|   | Date of sample receipt           | 10.08.2024  |
|   | Particular of sample             | RO drinking water collected from RO outlet near RO unit |
|   | Date of commencement of analysis | 12.08.2024  |
|   | Date of completion of analysis   | 17.08.2024  |
|   | Number of pages                  | 1 of 2  |
|   | Sample number                    | GPL/2024/Aug/167  |
|   | Sample report number             | GPL/2024/Aug/167  |

| Sl. No. | Parameter  | Test Method                                  | Unit | Result   | Standard*        |                   |
|---------|--|--|------|----------|------------------|-------------------|
|         |  |  |      |          | Acceptable Limit | Permissible Limit |
| 1       | Aluminium as Al  | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03    | 0.03             | 0.2               |
| 2       | Anionic Detergents as MBAS                             | IS 13428 Annex-K:2005<br>(Reaffirmed:2018)   | mg/l | <0.1     | 0.2              | 1.0               |
| 3       | Barium as Ba   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03    | 0.7              | No relaxation     |
| 4       | Copper as Cu   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03    | 0.05             | 1.5               |
| 5       | Manganese as Mn  | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03    | 0.1              | 0.3               |
| 6       | Phenolic Compounds as C <sub>6</sub> H <sub>5</sub> OH | Cl 6 of IS 3025<br>(Part 43)/Sec1:2022       | mg/l | <0.001   | 0.001            | 0.002             |
| 7       | Selenium as Se   | IS 3025:Part 65:2022                         | mg/l | <0.00025 | 0.01             | No relaxation     |
| 8       | Silver as Ag   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03    | 0.1              | No relaxation     |

Continued....

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## TEST REPORT

GPL/T/F/13A

|                      |                  |
|----------------------|------------------|
| Number of pages      | 2 of 2           |
| Sample number        | GPL/2024/Aug/167 |
| Sample report number | GPL/2024/Aug/167 |

| Sl. No.          | Parameter            | Test Method                               | Unit | Result   | Standard*        |                   |
|------------------|----------------------|---|------|----------|------------------|-------------------|
|                  |                      |   |      |          | Acceptable Limit | Permissible Limit |
| 9                | Cadmium as Cd        | IS 3025:Part 65:2022                      | mg/l | <0.00025 | 0.003            | No relaxation     |
| 10               | Cyanide as CN        | Cl 4 of IS 3025 (Part 27)/Sec1):2021      | mg/l | <0.01    | 0.05             | No relaxation     |
| 11               | Lead as Pb           | IS 3025:Part 65:2022                      | mg/l | <0.00025 | 0.01             | No relaxation     |
| 12               | Mercury as Hg        | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/l | <0.001   | 0.001            | No relaxation     |
| 13               | Molybdenum as Mo     | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/l | <0.03    | 0.07             | No relaxation     |
| 14               | Nickel as Ni         | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/l | <0.02    | 0.02             | No relaxation     |
| 15               | Total Arsenic as As  | IS 3025:Part 65:2022                      | mg/l | <0.00025 | 0.01             | No relaxation     |
| 16               | Total Chromium as Cr | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/l | <0.03    | 0.05             | No relaxation     |
| <b>Inference</b> |                      | Conforms to prescribed standards          |      |          |                  |                   |

**Note:** 1. \* As per IS 10500:2012 (Reaffirmed:2018)  
2. Above mentioned parameters has been outsourced.

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

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

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## TEST REPORT

GPL/T/F/14

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

Date: 21.08.2024

| Address of the customer   | Report Details                   |   |
|---|----------------------------------|---|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Sample collected by              | Raju K S, Field Technician                      |
|   | Sampling procedure               | IS 17614:Part 1:2021                            |
|   | Date of collection               | 09.08.2024                                      |
|   | Date of sample receipt           | 10.08.2024                                      |
|   | Particular of sample             | Sewage treated sample collected from final tank |
|   | Date of commencement of analysis | 10.08.2024                                      |
|   | Date of completion of analysis   | 16.08.2024                                      |
|   | Number of pages                  | 1 of 1  |
|   | Sample number                    | GPL/2024/Aug/166                                |
|   | Sample report number             | GPL/2024/Aug/166                                |
| ULR number  | TC555124000001989F               |   |

| Sl. No.          | Parameter                                       | Test Method                               | Unit       | Result | Standard* |
|------------------|---|---|------------|--------|-----------|
| 1                | pH  | IS 3025:Part 11:2022                      | -          | 7.2    | 6.0-9.0   |
| 2                | Chemical Oxygen Demand                          | IS 3025:Part 58:2023                      | mg/l       | 36.0   | 50        |
| 3                | Bio-Chemical Oxygen Demand (3 days @ 27 °C)     | IS 3025:Part 44:2023                      | mg/l       | 7.0    | 10        |
| 4                | Non-Filterable Residue (Total Suspended Solids) | IS 3025:Part 17:2022                      | mg/l       | 14.0   | 20        |
| 5                | Ammonical Nitrogen                              | IS 3025:Part 34:1988 (Reaffirmed:2019)    | mg/l       | 4.0    | 5         |
| 6                | Total Nitrogen                                  | IS 3025:Part 34:1988 (Reaffirmed:2019)    | mg/l       | 8.6    | 10        |
| 7                | Fecal Coliform                                  | APHA 24 <sup>th</sup> Edition 9221 E:2023 | MPN/100 ml | 6.3    | <100      |
| <b>Inference</b> |   | Conforms to prescribed standards          |            |        |           |

Note: 1. \* As per KSPCB consent copy.

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

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

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## TEST REPORT

GPL/T/F/13

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF WATER

Date: 21.08.2024

| Address of the customer   | Report Details                          |   |
|---|---|---|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | <b>Sample collected by</b>              | Kiran G L, Field Technician                     |
|   | <b>Sampling procedure</b>               | IS 17614:Part 1:2021                            |
|   | <b>Date of collection</b>               | 09.08.2024                                      |
|   | <b>Date of sample receipt</b>           | 10.08.2024                                      |
|   | <b>Particular of sample</b>             | Storm water collected from near pond water area |
|   | <b>Date of commencement of analysis</b> | 10.08.2024                                      |
|   | <b>Date of completion of analysis</b>   | 16.08.2024                                      |
|   | <b>Number of pages</b>                  | 1 of 2  |
|   | <b>Sample number</b>                    | GPL/2024/Aug/165                                |
|   | <b>Sample report number</b>             | GPL/2024/Aug/165                                |
| <b>ULR number</b>   | TC555124000001988F                      |   |

| Sl. No. | Parameter                                   | Test Method                                | Unit  | Result | Standard* |
|---------|---|--|-------|--------|-----------|
| 1       | Colour                                      | IS 3025:Part 4:2021                        | Hazen | <5.0   | -         |
| 2       | pH  | IS 3025:Part 11:2022                       | -     | 6.7    | 6.0-8.5   |
| 3       | Specific Conductivity                       | IS 3025:Part 14:2013<br>(Reaffirmed:2019)  | µS/cm | 45     | 2500      |
| 4       | Bio-Chemical Oxygen Demand (3 days @ 27 °C) | IS 3025:Part 44:2023                       | mg/l  | 5.6    | -         |
| 5       | Filterable Residue (Total Dissolved Solids) | IS 3025:Part 16:2023                       | mg/l  | 498    | 2100      |
| 6       | Dissolved Oxygen                            | IS 3025:Part 38:1989<br>(Reaffirmed:2019)  | mg/l  | 2.2    | 3.0       |
| 7       | Chloride as Cl                              | IS 3025:Part 32:1988<br>(Reaffirmed:2019)  | mg/l  | 72.9   | 600       |
| 8       | Ammonia as total ammonia-N                  | IS 3025:Part 34 :1988<br>(Reaffirmed:2019) | mg/l  | 3.6    | -         |
| 9       | Fluoride as F                               | IS 3025:Part 60:2008<br>(Reaffirmed:2019)  | mg/l  | <0.05  | -         |

Continued....

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## TEST REPORT

GPL/T/F/13

|                      |                    |
|----------------------|--------------------|
| Number of pages      | 2 of 2             |
| Sample number        | GPL/2024/Aug/165   |
| Sample report number | GPL/2024/Aug/165   |
| ULR number           | TC555124000001988F |

| Sl. No.          | Parameter                   | Test Method                               | Unit       | Result | Standard* |
|------------------|-----------------------------|---|------------|--------|-----------|
| 10               | Boron as B                  | IS 3025:Part 57:2021                      | mg/l       | 1.2    | -         |
| 11               | Iron as Fe                  | IS 3025:Part 53:2024                      | mg/l       | <0.04  | -         |
| 12               | Nitrate as NO <sub>3</sub>  | IS 3025:Part 34:1988<br>(Reaffirmed:2019) | mg/l       | <0.02  | -         |
| 13               | Sulphate as SO <sub>4</sub> | IS 3025:Part 24:<br>Sec 1 :2022           | mg/l       | 197.6  | 1000      |
| 14               | Total coliform bacteria     | IS 1622:1981<br>(Reaffirmed:2019)         | MPN/100 ml | 58     | -         |
| <b>Inference</b> |                             | Conforms to prescribed standards          |            |        |           |

Note: 1. \* As per Surface water quality criteria for different uses (specified by CPCB, 1979 and the Bureau of Indian Standards, 1982)

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

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

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TC-5551

## TEST REPORT

GPL/T/F/13

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF WATER

Date: 17-09-2024

| Address of the customer   | Report Details                   |   |
|---|----------------------------------|---|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Sample collected by              | Kiran G L, Field Technician                         |
|   | Sampling procedure               | IS 17614:Part 1:2021                                |
|   | Date of collection               | 05-09-2024  |
|   | Date of sample receipt           | 06-09-2024  |
|   | Particular of sample             | Borewell water collected from RO inlet near RO unit |
|   | Date of commencement of analysis | 06-09-2024  |
|   | Date of completion of analysis   | 11-09-2024  |
|   | Number of pages                  | 1 of 2  |
|   | Sample number                    | GPL/2024/Sep/92                                     |
|   | Sample report number             | GPL/2024/Sep/92                                     |
| ULR number  | TC555124000002229F               |   |

| Sl. No. | Parameter                                   | Test Method                             | Unit  | Result    | Standard*        |                   |
|---------|---|---|-------|-----------|------------------|-------------------|
|         |   |   |       |           | Acceptable Limit | Permissible Limit |
| 1       | Colour                                      | IS 3025:Part 4:2021                     | Hazen | <5.0      | 5                | 15                |
| 2       | Odour                                       | IS 3025:Part 5:2018                     | -     | Agreeable | Agreeable        | Agreeable         |
| 3       | pH  | IS 3025:Part 11:2022                    | -     | 8.0       | 6.5-8.5          | No relaxation     |
| 4       | Taste                                       | IS 3025:Part 8:2023                     | -     | Agreeable | Agreeable        | Agreeable         |
| 5       | Turbidity                                   | IS 3025:Part 10:2023                    | NTU   | 0.05      | 1                | 5                 |
| 6       | Filterable Residue (Total Dissolved Solids) | IS 3025:Part 16:2023                    | mg/l  | 224.8     | 500              | 2000              |
| 7       | Ammonia as total ammonia-N                  | IS 3025:Part 34 :1988 (Reaffirmed:2019) | mg/l  | <0.02     | 0.5              | No relaxation     |
| 8       | Boron as B                                  | IS 3025:Part 57:2021                    | mg/l  | 0.08      | 0.5              | 1.0               |
| 9       | Calcium as Ca                               | IS 3025:Part 40 :1991 (Reaffirmed:2019) | mg/l  | 64.9      | 75               | 200               |
| 10      | Chloramines as Cl <sub>2</sub>              | IS 3025:Part 26:2021                    | mg/l  | <0.07     | 4.0              | No relaxation     |
| 11      | Chloride as Cl                              | IS 3025:Part 32:1988 (Reaffirmed:2019)  | mg/l  | 46.9      | 250              | 1000              |

Continued....

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TC-5551

## TEST REPORT

GPL/T/F/13

|                      |                    |
|----------------------|--------------------|
| Number of pages      | 2 of 2             |
| Sample number        | GPL/2024/Sep/92    |
| Sample report number | GPL/2024/Sep/92    |
| ULR number           | TC555124000002229F |

| Sl. No. | Parameter                             | Test Method                            | Unit | Result | Standard*        |                   |
|---------|---------------------------------------|--|------|--------|------------------|-------------------|
|         |                                       |  |      |        | Acceptable Limit | Permissible Limit |
| 12      | Fluoride as F                         | IS 3025:Part 60:2008 (Reaffirmed:2019) | mg/l | <0.05  | 1.0              | 1.5               |
| 13      | Free Residual Chlorine                | IS 3025:Part 26:2021                   | mg/l | <0.07  | 0.2              | 1                 |
| 14      | Iron as Fe                            | IS 3025:Part 53:2024                   | mg/l | <0.04  | 0.3              | No relaxation     |
| 15      | Magnesium as Mg                       | IS 3025:Part 46:2023                   | mg/l | <0.4   | 30               | 100               |
| 16      | Mineral Oil                           | IS 3025:Part 39:2021                   | mg/l | <0.3   | 0.5              | No relaxation     |
| 17      | Nitrate as NO <sub>3</sub>            | IS 3025:Part 34:1988 (Reaffirmed:2019) | mg/l | <0.02  | 45               | No relaxation     |
| 18      | Sulphate as SO <sub>4</sub>           | IS 3025:Part 24; Sec 1:2022            | mg/l | <0.1   | 200              | 400               |
| 19      | Sulphide as H <sub>2</sub> S          | IS 3025:Part 29:2022                   | mg/l | <0.02  | 0.05             | No relaxation     |
| 20      | Total Alkalinity as CaCO <sub>3</sub> | IS 3025:Part 23:2023                   | mg/l | 35.0   | 200              | 600               |
| 21      | Total Hardness as CaCO <sub>3</sub>   | IS 3025:Part 21:2009 (Reaffirmed:2019) | mg/l | 78.0   | 200              | 600               |

### Microbiology Test

| Sl. No.          | Parameter               | Test Method                     | Unit                             | Result | Standard* (Clause 4.1.1)                     |
|------------------|-------------------------|---------------------------------|----------------------------------|--------|--|
| 1                | Escherichia coli        | IS 15185:2016 (Reaffirmed:2021) | MPN/100 ml                       | Absent | Shall not be detectable in any 100 ml sample |
| 2                | Total coliform bacteria | IS 15185:2016 (Reaffirmed:2021) | MPN/100 ml                       | Absent | Shall not be detectable in any 100 ml sample |
| <b>Inference</b> |                         |                                 | Conforms to prescribed standards |        |  |

Note: 1. \* As per IS 10500:2012 (Reaffirmed:2018)

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

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

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## TEST REPORT

GPL/T/F/13A

### ANALYSIS REPORT OF WATER

Date: 17-09-2024

| Address of the customer   | Report Details                   |   |
|---|----------------------------------|---|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Sample collected by              | Kiran G L, Field Technician                         |
|   | Sampling procedure               | IS 17614:Part 1:2021                                |
|   | Date of collection               | 05-09-2024  |
|   | Date of sample receipt           | 06-09-2024  |
|   | Particular of sample             | Borewell water collected from RO inlet near RO unit |
|   | Date of commencement of analysis | 06-09-2024  |
|   | Date of completion of analysis   | 13-09-2024  |
|   | Number of pages                  | 1 of 2  |
|   | Sample number                    | GPL/2024/Sep/92                                     |
|   | Sample report number             | GPL/2024/Sep/92                                     |

| Sl. No. | Parameter  | Test Method                                  | Unit | Result | Standard*        |                   |
|---------|--|--|------|--------|------------------|-------------------|
|         |  |  |      |        | Acceptable Limit | Permissible Limit |
| 1       | Aluminum as Al   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03  | 0.03             | 0.2               |
| 2       | Anionic Detergents as MBAS                             | IS 13428 Annex-K:2005<br>(Reaffirmed:2018)   | mg/l | <0.1   | 0.2              | 1.0               |
| 3       | Barium as Ba   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03  | 0.7              | No relaxation     |
| 4       | Copper as Cu   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03  | 0.05             | 1.5               |
| 5       | Manganese as Mn  | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03  | 0.1              | 0.3               |
| 6       | Phenolic Compounds as C <sub>6</sub> H <sub>5</sub> OH | Cl 6 of IS 3025<br>(Part 43)/Sec1:2022       | mg/l | <0.001 | 0.001            | 0.002             |
| 7       | Selenium as Se   | IS 3025:Part 65:2022                         | mg/l | <0.005 | 0.01             | No relaxation     |
| 8       | Silver as Ag   | APHA 24 <sup>th</sup> Edition<br>3120 B:2023 | mg/l | <0.03  | 0.1              | No relaxation     |

Continued....

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## TEST REPORT

GPL/T/F/13A

|                      |                 |
|----------------------|-----------------|
| Number of pages      | 2 of 2          |
| Sample number        | GPL/2024/Sep/92 |
| Sample report number | GPL/2024/Sep/92 |

| Sl. No.          | Parameter            | Test Method                               | Unit | Result  | Standard*        |                   |
|------------------|----------------------|---|------|---------|------------------|-------------------|
|                  |                      |   |      |         | Acceptable Limit | Permissible Limit |
| 9                | Cadmium as Cd        | IS 3025:Part 65:2022                      | mg/l | <0.0005 | 0.003            | No relaxation     |
| 10               | Cyanide as CN        | Cl 4 of IS 3025 (Part 27)/Sec1):2021      | mg/l | <0.01   | 0.05             | No relaxation     |
| 11               | Lead as Pb           | IS 3025:Part 65:2022                      | mg/l | <0.005  | 0.01             | No relaxation     |
| 12               | Mercury as Hg        | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/l | <0.001  | 0.001            | No relaxation     |
| 13               | Molybdenum as Mo     | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/l | <0.03   | 0.07             | No relaxation     |
| 14               | Nickel as Ni         | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/l | <0.02   | 0.02             | No relaxation     |
| 15               | Total Arsenic as As  | IS 3025:Part 65:2022                      | mg/l | <0.005  | 0.01             | No relaxation     |
| 16               | Total Chromium as Cr | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/l | <0.03   | 0.05             | No relaxation     |
| <b>Inference</b> |                      | Conforms to prescribed standards          |      |         |                  |                   |

- Note:** 1. \* As per IS 10500:2012 (Reaffirmed:2018)  
2. Above mentioned parameters has been outsourced.

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

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

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TC-5551

## TEST REPORT

GPL/T/F/13

### ANALYSIS REPORT (ACCREDITED PARAMETERS) OF WATER

Date: 17-09-2024

| Address of the customer   | Report Details                   |   |
|---|----------------------------------|---|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Sample collected by              | Raju K S, Field Technician                              |
|   | Sampling procedure               | IS 17614:Part 1:2021                                    |
|   | Date of collection               | 05-09-2024  |
|   | Date of sample receipt           | 06-09-2024  |
|   | Particular of sample             | RO drinking water collected from RO outlet near RO unit |
|   | Date of commencement of analysis | 06-09-2024  |
|   | Date of completion of analysis   | 11-09-2024  |
|   | Number of pages                  | 1 of 2  |
|   | Sample number                    | GPL/2024/Sep/91   |
|   | Sample report number             | GPL/2024/Sep/91   |
| ULR number  | TC555124000002228F               |   |

| Sl. No. | Parameter                                   | Test Method                             | Unit  | Result    | Standard*        |                   |
|---------|---|---|-------|-----------|------------------|-------------------|
|         |   |   |       |           | Acceptable Limit | Permissible Limit |
| 1       | Colour                                      | IS 3025:Part 4:2021                     | Hazen | <5.0      | 5                | 15                |
| 2       | Odour                                       | IS 3025:Part 5:2018                     | -     | Agreeable | Agreeable        | Agreeable         |
| 3       | pH  | IS 3025:Part 11:2022                    | -     | 6.7       | 6.5-8.5          | No relaxation     |
| 4       | Taste                                       | IS 3025:Part 8:2023                     | -     | Agreeable | Agreeable        | Agreeable         |
| 5       | Turbidity                                   | IS 3025:Part 10:2023                    | NTU   | 0.05      | 1                | 5                 |
| 6       | Filterable Residue (Total Dissolved Solids) | IS 3025:Part 16:2023                    | mg/l  | 30.4      | 500              | 2000              |
| 7       | Ammonia as total ammonia-N                  | IS 3025:Part 34 :1988 (Reaffirmed:2019) | mg/l  | <0.02     | 0.5              | No relaxation     |
| 8       | Boron as B                                  | IS 3025:Part 57:2021                    | mg/l  | 0.03      | 0.5              | 1.0               |
| 9       | Calcium as Ca                               | IS 3025:Part 40 :1991 (Reaffirmed:2019) | mg/l  | <0.8      | 75               | 200               |
| 10      | Chloramines as Cl <sub>2</sub>              | IS 3025:Part 26:2021                    | mg/l  | <0.07     | 4.0              | No relaxation     |
| 11      | Chloride as Cl                              | IS 3025:Part 32:1988 (Reaffirmed:2019)  | mg/l  | 2.9       | 250              | 1000              |

Continued.....

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CPCB Recognized Environmental Laboratory Under E (P) Act 1986

ISO 45001 : 2018 (OHSAS) CERTIFIED LABORATORY



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## TEST REPORT

GPL/T/F/13

|                      |                    |
|----------------------|--------------------|
| Number of pages      | 2 of 2             |
| Sample number        | GPL/2024/Sep/91    |
| Sample report number | GPL/2024/Sep/91    |
| ULR number           | TC555124000002228F |

| Sl. No. | Parameter                             | Test Method                            | Unit | Result | Standard*        |                   |
|---------|---------------------------------------|--|------|--------|------------------|-------------------|
|         |                                       |  |      |        | Acceptable Limit | Permissible Limit |
| 12      | Fluoride as F                         | IS 3025:Part 60:2008 (Reaffirmed:2019) | mg/l | <0.05  | 1.0              | 1.5               |
| 13      | Free Residual Chlorine                | IS 3025:Part 26:2021                   | mg/l | <0.07  | 0.2              | 1                 |
| 14      | Iron as Fe                            | IS 3025:Part 53:2024                   | mg/l | <0.04  | 0.3              | No relaxation     |
| 15      | Magnesium as Mg                       | IS 3025:Part 46:2023                   | mg/l | <0.4   | 30               | 100               |
| 16      | Mineral Oil                           | IS 3025:Part 39:2021                   | mg/l | <0.3   | 0.5              | No relaxation     |
| 17      | Nitrate as NO <sub>3</sub>            | IS 3025:Part 34:1988 (Reaffirmed:2019) | mg/l | <0.02  | 45               | No relaxation     |
| 18      | Sulphate as SO <sub>4</sub>           | IS 3025:Part 24: Sec 1:2022            | mg/l | <0.1   | 200              | 400               |
| 19      | Sulphide as H <sub>2</sub> S          | IS 3025:Part 29:2022                   | mg/l | <0.02  | 0.05             | No relaxation     |
| 20      | Total Alkalinity as CaCO <sub>3</sub> | IS 3025:Part 23:2023                   | mg/l | 20.0   | 200              | 600               |
| 21      | Total Hardness as CaCO <sub>3</sub>   | IS 3025:Part 21:2009 (Reaffirmed:2019) | mg/l | <2.0   | 200              | 600               |

### Microbiology Test

| Sl. No.          | Parameter               | Test Method                      | Unit       | Result | Standard* (Clause 4.1.1)                     |
|------------------|-------------------------|----------------------------------|------------|--------|--|
| 1                | Escherichia coli        | IS 15185:2016 (Reaffirmed:2021)  | MPN/100 ml | Absent | Shall not be detectable in any 100 ml sample |
| 2                | Total coliform bacteria | IS 15185:2016 (Reaffirmed:2021)  | MPN/100 ml | Absent | Shall not be detectable in any 100 ml sample |
| <b>Inference</b> |                         | Conforms to prescribed standards |            |        |  |

Note: 1. \* As per IS 10500:2012 (Reaffirmed:2018)

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

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

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## TEST REPORT

GPL/T/F/13A

### ANALYSIS REPORT OF WATER

Date: 17-09-2024

| Address of the customer   | Report Details                   |   |
|---|----------------------------------|---|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Sample collected by              | Raju K S, Field Technician                              |
|   | Sampling procedure               | IS 17614:Part 1:2021                                    |
|   | Date of collection               | 05-09-2024  |
|   | Date of sample receipt           | 06-09-2024  |
|   | Particular of sample             | RO drinking water collected from RO outlet near RO unit |
|   | Date of commencement of analysis | 06-09-2024  |
|   | Date of completion of analysis   | 13-09-2024  |
|   | Number of pages                  | 1 of 2  |
|   | Sample number                    | GPL/2024/Sep/91   |
| Sample report number  | GPL/2024/Sep/91                  |   |

| Sl. No. | Parameter  | Test Method                               | Unit | Result   | Standard*        |                   |
|---------|--|---|------|----------|------------------|-------------------|
|         |  |   |      |          | Acceptable Limit | Permissible Limit |
| 1       | Aluminum as Al   | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/l | <0.03    | 0.03             | 0.2               |
| 2       | Anionic Detergents as MBAS                             | IS 13428 Annex-K:2005 (Reaffirmed:2018)   | mg/l | <0.1     | 0.2              | 1.0               |
| 3       | Barium as Ba   | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/l | <0.03    | 0.7              | No relaxation     |
| 4       | Copper as Cu   | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/l | <0.03    | 0.05             | 1.5               |
| 5       | Manganese as Mn  | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/l | <0.03    | 0.1              | 0.3               |
| 6       | Phenolic Compounds as C <sub>6</sub> H <sub>5</sub> OH | Cl 6 of IS 3025 (Part 43)/Sec1:2022       | mg/l | <0.001   | 0.001            | 0.002             |
| 7       | Selenium as Se   | IS 3025:Part 65:2022                      | mg/l | <0.00025 | 0.01             | No relaxation     |
| 8       | Silver as Ag   | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/l | <0.03    | 0.1              | No relaxation     |

Continued.....

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## TEST REPORT

GPL/T/F/13A

|                      |                 |
|----------------------|-----------------|
| Number of pages      | 2 of 2          |
| Sample number        | GPL/2024/Sep/91 |
| Sample report number | GPL/2024/Sep/91 |

| Sl. No.          | Parameter            | Test Method                               | Unit | Result   | Standard*        |                   |
|------------------|----------------------|---|------|----------|------------------|-------------------|
|                  |                      |   |      |          | Acceptable Limit | Permissible Limit |
| 9                | Cadmium as Cd        | IS 3025:Part 65:2022                      | mg/l | <0.00025 | 0.003            | No relaxation     |
| 10               | Cyanide as CN        | Cl 4 of IS 3025 (Part 27)/Sec1):2021      | mg/l | <0.01    | 0.05             | No relaxation     |
| 11               | Lead as Pb           | IS 3025:Part 65:2022                      | mg/l | <0.00025 | 0.01             | No relaxation     |
| 12               | Mercury as Hg        | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/l | <0.001   | 0.001            | No relaxation     |
| 13               | Molybdenum as Mo     | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/l | <0.03    | 0.07             | No relaxation     |
| 14               | Nickel as Ni         | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/l | <0.02    | 0.02             | No relaxation     |
| 15               | Total Arsenic as As  | IS 3025:Part 65:2022                      | mg/l | <0.00025 | 0.01             | No relaxation     |
| 16               | Total Chromium as Cr | APHA 24 <sup>th</sup> Edition 3120 B:2023 | mg/l | <0.03    | 0.05             | No relaxation     |
| <b>Inference</b> |                      | Conforms to prescribed standards          |      |          |                  |                   |

**Note:** 1. \* As per IS 10500:2012 (Reaffirmed:2018)  
2. Above mentioned parameters has been outsourced.

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

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

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TC-5551

## TEST REPORT

GPL/T/F/14

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

Date: 17-09-2024

| Address of the customer   | Report Details                   |   |
|---|----------------------------------|---|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Sample collected by              | Raju K S, Field Technician                          |
|   | Sampling procedure               | IS 17614:Part 1:2021                                |
|   | Date of collection               | 05-09-2024  |
|   | Date of sample receipt           | 06-09-2024  |
|   | Particular of sample             | Treated sewage sample collected from STP final tank |
|   | Date of commencement of analysis | 06-09-2024  |
|   | Date of completion of analysis   | 12-09-2024  |
|   | Number of pages                  | 1 of 1  |
|   | Sample number                    | GPL/2024/Sep/90                                     |
|   | Sample report number             | GPL/2024/Sep/90                                     |
| ULR number  | TC555124000002227F               |   |

| Sl. No.          | Parameter                                       | Test Method                               | Unit       | Result | Standard* |
|------------------|---|---|------------|--------|-----------|
| 1                | pH  | IS 3025:Part 11:2022                      | -          | 7.3    | 6.0-9.0   |
| 2                | Chemical Oxygen Demand                          | IS 3025:Part 58:2023                      | mg/l       | 40.0   | 50        |
| 3                | Bio-Chemical Oxygen Demand (3 days @ 27 °C)     | IS 3025:Part 44:2023                      | mg/l       | 6.0    | 10        |
| 4                | Non-Filterable Residue (Total Suspended Solids) | IS 3025:Part 17:2022                      | mg/l       | 12.4   | 20        |
| 5                | Ammonical Nitrogen                              | IS 3025:Part 34:1988 (Reaffirmed:2019)    | mg/l       | 4.4    | 5         |
| 6                | Total Nitrogen                                  | IS 3025:Part 34:1988 (Reaffirmed:2019)    | mg/l       | 9.0    | 10        |
| 7                | Fecal Coliform                                  | APHA 24 <sup>th</sup> Edition 9221 E:2023 | MPN/100 ml | 63     | <100      |
| <b>Inference</b> |   | Conforms to prescribed standards          |            |        |           |

Note: 1. \* As per KSPCB consent copy.

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

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

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ENGINEERING SOLUTION FOR POLLUTION

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## TEST REPORT

GET/T/F/016

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

Date: 13.04.2024


| Address of the customer   | Report Details                |                               |
|---|-------------------------------|-------------------------------|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Chimney attached to           | 1065 KVA DG set - 1           |
|   | Sample collected by           | Raju K S                      |
|   | Date of collection            | 04.04.2024                    |
|   | Sampling procedure            | As per respective test method |
|   | Date of sample receipt        | 05.04.2024                    |
|   | Particulars                   | Source emission               |
|   | Date of analysis commencement | 05.04.2024                    |
|   | Date of analysis completed    | 08.04.2024                    |
|   | Number of pages               | 1 of 1                        |
|   | Sample number                 | GET/2024/Apr/36               |
| ULR report number   | TC555124000000922F            |                               |

#### General Details

|   |          |
|---|----------|
| Fuel used -                                 | Diesel   |
| Ambient temperature (°C)                    | 32       |
| Velocity (m/s)                              | 11.5     |
| Type of the chimney                         | Circular |
| Height of the chimney (m) AGL               | 30       |
| Diameter of the chimney (m)                 | 0.35     |
| Area of the cross section (m <sup>2</sup> ) | 0.0962   |
| Flue gas temperature (°C)                   | 233      |

| 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> | 54.3   | 150                    |
| 2                | Sulphur Dioxide (SO <sub>2</sub> )    | IS 11255:Part 2:1985 (Reaffirmed:2019) | mg/Nm <sup>3</sup> | 18.0   | 100                    |
| 3                | Oxides of Nitrogen (NO <sub>x</sub> ) | IS 11255:Part 7:2005 (Reaffirmed:2022) | mg/Nm <sup>3</sup> | 22.4   | 50                     |
| <b>Inference</b> |                                       | Conforms to prescribed standards       |                    |        |                        |

Note: 1. AGL - Above Ground Level

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

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

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## TEST REPORT

GET/T/F/016

### ANALYSIS REPORT OF SOURCE EMISSION

Date: 13.04.2024


| Address of the customer   | Report Details                       |                               |
|---|--------------------------------------|-------------------------------|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | <b>Chimney attached to</b>           | 1065 KVA DG set - 1           |
|   | <b>Sample collected by</b>           | Raju K S                      |
|   | <b>Date of collection</b>            | 04.04.2024                    |
|   | <b>Sampling procedure</b>            | As per respective test method |
|   | <b>Date of sample receipt</b>        | 05.04.2024                    |
|   | <b>Particulars</b>                   | Source emission               |
|   | <b>Date of analysis commencement</b> | 05.04.2024                    |
|   | <b>Date of analysis completed</b>    | 08.04.2024                    |
|   | <b>Number of pages</b>               | 1 of 1                        |
|   | <b>Sample number</b>                 | GET/2024/Apr/36               |

#### General Details

|   |          |
|---|----------|
| Fuel used                                   | Diesel   |
| Ambient temperature (°C)                    | 32       |
| Velocity (m/s)                              | 11.5     |
| Type of the chimney                         | Circular |
| Height of the chimney (m) AGL               | 30       |
| Diameter of the chimney (m)                 | 0.35     |
| Area of the cross section (m <sup>2</sup> ) | 0.0962   |
| Flue gas temperature (°C)                   | 233      |

| Sl. No.          | Parameter                       | Test Method                      | Unit               | Result | Standards as per KSPCB |
|------------------|---------------------------------|----------------------------------|--------------------|--------|------------------------|
| 1                | Carbon monoxide (CO)            | FGA                              | mg/Nm <sup>3</sup> | 32.0   | 150                    |
| 2                | Non Methane Hydro Carbon (NMHC) | FGA                              | mg/Nm <sup>3</sup> | 20.8   | 100                    |
| <b>Inference</b> |                                 | Conforms to prescribed standards |                    |        |                        |

Note: 1. AGL - Above Ground Level  
2. FGA - Flue Gas Analyzer

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

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





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+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                       |                               |
|---|--------------------------------------|-------------------------------|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | <b>Chimney attached to</b>           | 1065 KVA DG set - 2           |
|   | <b>Sample collected by</b>           | Kiran G L                     |
|   | <b>Date of collection</b>            | 04.04.2024                    |
|   | <b>Sampling procedure</b>            | As per respective test method |
|   | <b>Date of sample receipt</b>        | 05.04.2024                    |
|   | <b>Particulars</b>                   | Source emission               |
|   | <b>Date of analysis commencement</b> | 05.04.2024                    |
|   | <b>Date of analysis completed</b>    | 08.04.2024                    |
|   | <b>Number of pages</b>               | 1 of 1                        |
|   | <b>Sample number</b>                 | GET/2024/Apr/37               |
| <b>ULR report number</b>  | TC555124000000923F                   |                               |

#### General Details

|   |          |
|---|----------|
| Fuel used                                   | Diesel   |
| Ambient temperature (°C)                    | 33       |
| Velocity (m/s)                              | 10.5     |
| Type of the chimney                         | Circular |
| Height of the chimney (m) AGL               | 30       |
| Diameter of the chimney (m)                 | 0.35     |
| Area of the cross section (m <sup>2</sup> ) | 0.0962   |
| Flue gas temperature (°C)                   | 217      |

| 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> | 57.6   | 150                    |
| 2                | Sulphur Dioxide (SO <sub>2</sub> )    | IS 11255:Part 2:1985 (Reaffirmed:2019) | mg/Nm <sup>3</sup> | 19.8   | 100                    |
| 3                | Oxides of Nitrogen (NO <sub>x</sub> ) | IS 11255:Part 7:2005 (Reaffirmed:2022) | mg/Nm <sup>3</sup> | 23.5   | 50                     |
| <b>Inference</b> |                                       | Conforms to prescribed standards       |                    |        |                        |

Note: 1. AGL - Above Ground Level

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

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

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## TEST REPORT

GET/T/F/016

### ANALYSIS REPORT OF SOURCE EMISSION

Date: 13.04.2024


| Address of the customer   | Report Details                       |                               |
|---|--------------------------------------|-------------------------------|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | <b>Chimney attached to</b>           | 1065 KVA DG set - 2           |
|   | <b>Sample collected by</b>           | Kiran G L                     |
|   | <b>Date of collection</b>            | 04.04.2024                    |
|   | <b>Sampling procedure</b>            | As per respective test method |
|   | <b>Date of sample receipt</b>        | 05.04.2024                    |
|   | <b>Particulars</b>                   | Source emission               |
|   | <b>Date of analysis commencement</b> | 05.04.2024                    |
|   | <b>Date of analysis completed</b>    | 08.04.2024                    |
|   | <b>Number of pages</b>               | 1 of 1                        |
|   | <b>Sample number</b>                 | GET/2024/Apr/37               |

#### General Details

|   |          |
|---|----------|
| Fuel used                                   | Diesel   |
| Ambient temperature (°C)                    | 33       |
| Velocity (m/s)                              | 10.5     |
| Type of the chimney                         | Circular |
| Height of the chimney (m) AGL               | 30       |
| Diameter of the chimney (m)                 | 0.35     |
| Area of the cross section (m <sup>2</sup> ) | 0.0962   |
| Flue gas temperature (°C)                   | 217      |

| Sl. No.          | Parameter                       | Test Method                      | Unit               | Result | Standards as per KSPCB |
|------------------|---------------------------------|----------------------------------|--------------------|--------|------------------------|
| 1                | Carbon monoxide (CO)            | FGA                              | mg/Nm <sup>3</sup> | 37.5   | 150                    |
| 2                | Non Methane Hydro Carbon (NMHC) | FGA                              | mg/Nm <sup>3</sup> | 29.4   | 100                    |
| <b>Inference</b> |                                 | Conforms to prescribed standards |                    |        |                        |

Note: 1. AGL - Above Ground Level  
2. FGA - Flue Gas Analyzer

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

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

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# 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: 17.05.2024

| Address of the customer   | Report Details                          |                               |
|---|---|-------------------------------|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | <b>Chimney attached to</b>              | 1065 KVA DG set - 02          |
|   | <b>Sample collected by</b>              | Raju K S, Field Technician    |
|   | <b>Date of collection</b>               | 11.05.2024                    |
|   | <b>Sampling procedure</b>               | As per respective test method |
|   | <b>Date of sample receipt</b>           | 13.05.2024                    |
|   | <b>Particulars</b>                      | Source emission               |
|   | <b>Date of commencement of analysis</b> | 13.05.2024                    |
|   | <b>Date of completion of analysis</b>   | 16.05.2024                    |
|   | <b>Number of pages</b>                  | 1 of 1                        |
|   | <b>Sample number</b>                    | GPL/2024/May/132              |
| <b>Sample report number</b>   | GPL/2024/May/132                        |                               |
| <b>ULR number</b>   | TC555124000001290F                      |                               |

#### General Details

|   |          |
|---|----------|
| Fuel used                                   | Diesel   |
| Ambient temperature in °C                   | 33       |
| Velocity in m/s                             | 9.8      |
| Type of the chimney                         | Circular |
| Height of the chimney in meter (AGL)        | 30       |
| Diameter of the chimney in meter            | 0.35     |
| Area of the cross section in m <sup>2</sup> | 0.0962   |
| Flue gas temperature in °C                  | 231      |

| Sl. No.          | Parameter                             | Test Method                               | Unit               | Result | Standard* |
|------------------|---------------------------------------|---|--------------------|--------|-----------|
| 1                | Particulate Matter                    | IS 11255:Part 1:1985<br>(Reaffirmed:2019) | mg/Nm <sup>3</sup> | 60.8   | 150       |
| 2                | Sulphur Dioxide (SO <sub>2</sub> )    | IS 11255:Part 2:1985<br>(Reaffirmed:2019) | mg/Nm <sup>3</sup> | 21.3   | 100       |
| 3                | Oxides of Nitrogen (NO <sub>x</sub> ) | IS 11255:Part 7:2005<br>(Reaffirmed:2022) | mg/Nm <sup>3</sup> | 26.8   | 50        |
| <b>Inference</b> |                                       | Conforms to prescribed standards          |                    |        |           |

Note: 1. \* As per KSPCB Consent copy  
2. AGL - Above Ground Level

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

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

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## TEST REPORT

GPL/T/F/16A

### ANALYSIS REPORT OF SOURCE EMISSION

Date: 17.05.2024

| Address of the customer  | Report Details                   |                               |
|--|----------------------------------|-------------------------------|
| M/s AEQUS SEZ PRIVATE LIMITED<br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Chimney attached to              | 1065 KVA DG set - 02          |
|  | Sample collected by              | Raju K S, Field Technician    |
|  | Date of collection               | 11.05.2024                    |
|  | Sampling procedure               | As per respective test method |
|  | Date of sample receipt           | 13.05.2024                    |
|  | Particulars                      | Source emission               |
|  | Date of commencement of analysis | 13.05.2024                    |
|  | Date of completion of analysis   | 16.05.2024                    |
|  | Number of pages                  | 1 of 1                        |
|  | Sample number                    | GPL/2024/May/132              |
| Sample report number   | GPL/2024/May/132                 |                               |

#### General Details

|   |          |
|---|----------|
| Fuel used                                   | Diesel   |
| Ambient temperature in °C                   | 33       |
| Velocity in m/s                             | 9.8      |
| Type of the chimney                         | Circular |
| Height of the chimney in meter (AGL)        | 30       |
| Diameter of the chimney in meter            | 0.35     |
| Area of the cross section in m <sup>2</sup> | 0.0962   |
| Flue gas temperature in °C                  | 231      |

| Sl. No.          | Parameter                       | Test Method                      | Unit               | Result | Standard* |
|------------------|---------------------------------|----------------------------------|--------------------|--------|-----------|
| 1                | Carbon monoxide (CO)            | FGA                              | mg/Nm <sup>3</sup> | 35.2   | 150       |
| 2                | Non Methane Hydro Carbon (NMHC) | FGA                              | mg/Nm <sup>3</sup> | 26.8   | 100       |
| <b>Inference</b> |                                 | Conforms to prescribed standards |                    |        |           |

Note: 1. \* As per KSPCB Consent copy  
2. AGL - Above Ground Level  
3. FGA - Flue Gas Analyzer

  
AUTHORISED SIGNATORY  
Harish C S (T.M)

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

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## TEST REPORT

GPL/T/F/16A

### ANALYSIS REPORT OF SOURCE EMISSION

Date: 17.05.2024

| Address of the customer  | Report Details                   |                               |
|--|----------------------------------|-------------------------------|
| M/s AEQUS SEZ PRIVATE LIMITED<br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Chimney attached to              | 1065 KVA DG set - 01          |
|  | Sample collected by              | Raju K S, Field Technician    |
|  | Date of collection               | 11.05.2024                    |
|  | Sampling procedure               | As per respective test method |
|  | Date of sample receipt           | 13.05.2024                    |
|  | Particulars                      | Source emission               |
|  | Date of commencement of analysis | 13.05.2024                    |
|  | Date of completion of analysis   | 16.05.2024                    |
|  | Number of pages                  | 1 of 1                        |
|  | Sample number                    | GPL/2024/May/131              |
| Sample report number   | GPL/2024/May/131                 |                               |

#### General Details

|   |          |
|---|----------|
| Fuel used                                   | Diesel   |
| Ambient temperature in °C                   | 32       |
| Velocity in m/s                             | 10.3     |
| Type of the chimney                         | Circular |
| Height of the chimney in meter (AGL)        | 30       |
| Diameter of the chimney in meter            | 0.35     |
| Area of the cross section in m <sup>2</sup> | 0.0962   |
| Flue gas temperature in °C                  | 203      |

| Sl. No.          | Parameter                       | Test Method                      | Unit               | Result | Standard* |
|------------------|---------------------------------|----------------------------------|--------------------|--------|-----------|
| 1                | Carbon monoxide (CO)            | FGA                              | mg/Nm <sup>3</sup> | 36.8   | 150       |
| 2                | Non Methane Hydro Carbon (NMHC) | FGA                              | mg/Nm <sup>3</sup> | 24.3   | 100       |
| <b>Inference</b> |                                 | Conforms to prescribed standards |                    |        |           |

Note: 1. \* As per KSPCB Consent copy  
2. AGL - Above Ground Level  
3. FGA - Flue Gas Analyzer

  
AUTHORISED SIGNATORY  
Harish C S (T.M)

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

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## TEST REPORT

GPL/T/F/16

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

Date: 17.05.2024

| Address of the customer   | Report Details                          |                               |
|---|---|-------------------------------|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | <b>Chimney attached to</b>              | 1065 KVA DG set - 01          |
|   | <b>Sample collected by</b>              | Raju K S, Field Technician    |
|   | <b>Date of collection</b>               | 11.05.2024                    |
|   | <b>Sampling procedure</b>               | As per respective test method |
|   | <b>Date of sample receipt</b>           | 13.05.2024                    |
|   | <b>Particulars</b>                      | Source emission               |
|   | <b>Date of commencement of analysis</b> | 13.05.2024                    |
|   | <b>Date of completion of analysis</b>   | 16.05.2024                    |
|   | <b>Number of pages</b>                  | 1 of 1                        |
|   | <b>Sample number</b>                    | GPL/2024/May/131              |
| <b>Sample report number</b>   | GPL/2024/May/131                        |                               |
| <b>ULR number</b>   | TC555124000001289F                      |                               |

#### General Details

|   |          |
|---|----------|
| Fuel used                                   | Diesel   |
| Ambient temperature in °C                   | 32       |
| Velocity in m/s                             | 10.3     |
| Type of the chimney                         | Circular |
| Height of the chimney in meter (AGL)        | 30       |
| Diameter of the chimney in meter            | 0.35     |
| Area of the cross section in m <sup>2</sup> | 0.0962   |
| Flue gas temperature in °C                  | 203      |

| Sl. No.          | Parameter                             | Test Method                               | Unit               | Result | Standard* |
|------------------|---------------------------------------|---|--------------------|--------|-----------|
| 1                | Particulate Matter                    | IS 11255:Part 1:1985<br>(Reaffirmed:2019) | mg/Nm <sup>3</sup> | 50.9   | 150       |
| 2                | Sulphur Dioxide (SO <sub>2</sub> )    | IS 11255:Part 2:1985<br>(Reaffirmed:2019) | mg/Nm <sup>3</sup> | 16.8   | 100       |
| 3                | Oxides of Nitrogen (NO <sub>x</sub> ) | IS 11255:Part 7:2005<br>(Reaffirmed:2022) | mg/Nm <sup>3</sup> | 19.4   | 50        |
| <b>Inference</b> |                                       | Conforms to prescribed standards          |                    |        |           |

Note: 1. \* As per KSPCB Consent copy  
2. AGL - Above Ground Level.

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

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

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## TEST REPORT

GPL/T/F/16

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

Date: 11.06.2024

| Address of the customer  | Report Details                   |                               |
|--|----------------------------------|-------------------------------|
| M/s AEQUS SEZ PRIVATE LIMITED<br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Chimney attached to              | 1065 KVA DG set - 02          |
|  | Sample collected by              | Kiran G L, Field Technician   |
|  | Date of collection               | 06.06.2024                    |
|  | Sampling procedure               | As per respective test method |
|  | Date of sample receipt           | 07.06.2024                    |
|  | Particulars                      | Source emission               |
|  | Date of commencement of analysis | 07.06.2024                    |
|  | Date of completion of analysis   | 11.06.2024                    |
|  | Number of pages                  | 1 of 1                        |
|  | Sample number                    | GPL/2024/Jun/106              |
|  | Sample report number             | GPL/2024/Jun/106              |
| ULR number   | TC555124000001535F               |                               |

#### General Details

|   |          |
|---|----------|
| Fuel used                                   | Diesel   |
| Ambient temperature in °C                   | 28       |
| Velocity in m/s                             | 18.5     |
| Type of the chimney                         | Circular |
| Height of the chimney in meter (AGL)        | 30       |
| Diameter of the chimney in meter            | 0.35     |
| Area of the cross section in m <sup>2</sup> | 0.0962   |
| Flue gas temperature in °C                  | 197      |

| Sl. No.          | Parameter                             | Test Method                               | Unit               | Result | Standard* |
|------------------|---------------------------------------|---|--------------------|--------|-----------|
| 1                | Particulate Matter                    | IS 11255:Part 1:1985<br>(Reaffirmed:2019) | mg/Nm <sup>3</sup> | 50.4   | 150       |
| 2                | Sulphur Dioxide (SO <sub>2</sub> )    | IS 11255:Part 2:1985<br>(Reaffirmed:2019) | mg/Nm <sup>3</sup> | 17.5   | 100       |
| 3                | Oxides of Nitrogen (NO <sub>x</sub> ) | IS 11255:Part 7:2005<br>(Reaffirmed:2022) | mg/Nm <sup>3</sup> | 21.2   | 50        |
| <b>Inference</b> |                                       | Conforms to prescribed standards          |                    |        |           |

Note: 1. \* As per KSPCB Consent copy  
2. AGL - Above Ground Level

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

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

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## TEST REPORT

GPL/T/F/16A

### ANALYSIS REPORT OF SOURCE EMISSION

Date: 11.06.2024

| Address of the customer  | Report Details                   |                               |
|--|----------------------------------|-------------------------------|
| M/s AEQUS SEZ PRIVATE LIMITED<br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Chimney attached to              | 1065 KVA DG set - 02          |
|  | Sample collected by              | Kiran G L, Field Technician   |
|  | Date of collection               | 06.06.2024                    |
|  | Sampling procedure               | As per respective test method |
|  | Date of sample receipt           | 07.06.2024                    |
|  | Particulars                      | Source emission               |
|  | Date of commencement of analysis | 07.06.2024                    |
|  | Date of completion of analysis   | 11.06.2024                    |
|  | Number of pages                  | 1 of 1                        |
|  | Sample number                    | GPL/2024/Jun/106              |
| Sample report number   | GPL/2024/Jun/106                 |                               |

#### General Details

|   |          |
|---|----------|
| Fuel used                                   | Diesel   |
| Ambient temperature in °C                   | 28       |
| Velocity in m/s                             | 18.5     |
| Type of the chimney                         | Circular |
| Height of the chimney in meter (AGL)        | 30       |
| Diameter of the chimney in meter            | 0.35     |
| Area of the cross section in m <sup>2</sup> | 0.0962   |
| Flue gas temperature in °C                  | 197      |

| Sl. No.          | Parameter                       | Test Method                      | Unit               | Result | Standard* |
|------------------|---------------------------------|----------------------------------|--------------------|--------|-----------|
| 1                | Carbon monoxide (CO)            | FGA                              | mg/Nm <sup>3</sup> | 33.6   | 150       |
| 2                | Non Methane Hydro Carbon (NMHC) | FGA                              | mg/Nm <sup>3</sup> | 23.8   | 100       |
| <b>Inference</b> |                                 | Conforms to prescribed standards |                    |        |           |

Note: 1. \* As per KSPCB Consent copy  
2. AGL - Above Ground Level  
3. FGA - Flue Gas Analyzer

  
AUTHORISED SIGNATORY  
Muniraju G (Q.M)

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





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## TEST REPORT

GPL/T/F/16

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

Date: 11.06.2024

| Address of the customer   | Report Details                          |                               |
|---|---|-------------------------------|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | <b>Chimney attached to</b>              | 1065 KVA DG set - 01          |
|   | <b>Sample collected by</b>              | Raju K S, Field Technician    |
|   | <b>Date of collection</b>               | 06.06.2024                    |
|   | <b>Sampling procedure</b>               | As per respective test method |
|   | <b>Date of sample receipt</b>           | 07.06.2024                    |
|   | <b>Particulars</b>                      | Source emission               |
|   | <b>Date of commencement of analysis</b> | 07.06.2024                    |
|   | <b>Date of completion of analysis</b>   | 11.06.2024                    |
|   | <b>Number of pages</b>                  | 1 of 1                        |
|   | <b>Sample number</b>                    | GPL/2024/Jun/105              |
| <b>Sample report number</b>   | GPL/2024/Jun/105                        |                               |
| <b>ULR number</b>   | TC555124000001534F                      |                               |

#### General Details

|   |          |
|---|----------|
| Fuel used                                   | Diesel   |
| Ambient temperature in °C                   | 28       |
| Velocity in m/s                             | 19.3     |
| Type of the chimney                         | Circular |
| Height of the chimney in meter (AGL)        | 30.0     |
| Diameter of the chimney in meter            | 0.35     |
| Area of the cross section in m <sup>2</sup> | 0.0962   |
| Flue gas temperature in °C                  | 233      |

| Sl. No.          | Parameter                             | Test Method                               | Unit               | Result | Standard* |
|------------------|---------------------------------------|---|--------------------|--------|-----------|
| 1                | Particulate Matter                    | IS 11255:Part 1:1985<br>(Reaffirmed:2019) | mg/Nm <sup>3</sup> | 55.6   | 150       |
| 2                | Sulphur Dioxide (SO <sub>2</sub> )    | IS 11255:Part 2:1985<br>(Reaffirmed:2019) | mg/Nm <sup>3</sup> | 20.4   | 100       |
| 3                | Oxides of Nitrogen (NO <sub>2</sub> ) | IS 11255:Part 7:2005<br>(Reaffirmed:2022) | mg/Nm <sup>3</sup> | 24.9   | 50        |
| <b>Inference</b> |                                       | Conforms to prescribed standards          |                    |        |           |

Note: 1. \* As per KSPCB Consent copy  
2. AGL - Above Ground Level

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

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

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## TEST REPORT

GPL/T/F/16A

### ANALYSIS REPORT OF SOURCE EMISSION

Date: 11.06.2024


| Address of the customer  | Report Details                   |                               |
|--|----------------------------------|-------------------------------|
| M/s AEQUS SEZ PRIVATE LIMITED<br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Chimney attached to              | 1065 KVA DG set - 01          |
|  | Sample collected by              | Raju K S, Field Technician    |
|  | Date of collection               | 06.06.2024                    |
|  | Sampling procedure               | As per respective test method |
|  | Date of sample receipt           | 07.06.2024                    |
|  | Particulars                      | Source emission               |
|  | Date of commencement of analysis | 07.06.2024                    |
|  | Date of completion of analysis   | 11.06.2024                    |
|  | Number of pages                  | 1 of 1                        |
|  | Sample number                    | GPL/2024/Jun/105              |
| Sample report number   | GPL/2024/Jun/105                 |                               |

#### General Details

|   |          |
|---|----------|
| Fuel used                                   | Diesel   |
| Ambient temperature in °C                   | 28       |
| Velocity in m/s                             | 19.3     |
| Type of the chimney                         | Circular |
| Height of the chimney in meter (AGL)        | 30.0     |
| Diameter of the chimney in meter            | 0.35     |
| Area of the cross section in m <sup>2</sup> | 0.0962   |
| Flue gas temperature in °C                  | 233      |

| Sl. No.          | Parameter                       | Test Method                      | Unit               | Result | Standard* |
|------------------|---------------------------------|----------------------------------|--------------------|--------|-----------|
| 1                | Carbon monoxide (CO)            | FGA                              | mg/Nm <sup>3</sup> | 38.5   | 150       |
| 2                | Non Methane Hydro Carbon (NMHC) | FGA                              | mg/Nm <sup>3</sup> | 27.4   | 100       |
| <b>Inference</b> |                                 | Conforms to prescribed standards |                    |        |           |

Note: 1. \* As per KSPCB Consent copy  
2. AGL - Above Ground Level  
3. FGA - Flue Gas Analyzer

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

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

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# 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 AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | <b>Chimney attached to</b>              | 1065 KVA DG set - 02          |
|   | <b>Sample collected by</b>              | Raju K S, Field Technician    |
|   | <b>Date of collection</b>               | 03.07.2024                    |
|   | <b>Sampling procedure</b>               | As per respective test method |
|   | <b>Date of sample receipt</b>           | 04.07.2024                    |
|   | <b>Particulars</b>                      | Source Emission               |
|   | <b>Date of commencement of analysis</b> | 04.07.2024                    |
|   | <b>Date of completion of analysis</b>   | 08.07.2024                    |
|   | <b>Number of pages</b>                  | 1 of 1                        |
|   | <b>Sample number</b>                    | GPL/2024/Jul/60               |
| <b>Sample report number</b>   | GPL/2024/Jul/60                         |                               |
| <b>ULR number</b>   | TC555124000001790F                      |                               |

#### General Details

|   |          |
|---|----------|
| Fuel used                                   | Diesel   |
| Ambient temperature in °C                   | 28       |
| Velocity in m/s                             | 24.1     |
| Type of the chimney                         | Circular |
| Height of the chimney in meter (AGL)        | 30       |
| Diameter of the chimney in meter            | 0.35     |
| Area of the cross section in m <sup>2</sup> | 0.0962   |
| Flue gas temperature in °C                  | 281      |

| Sl. No.          | Parameter                             | Test Method                               | Unit               | Result | Standard* |
|------------------|---------------------------------------|---|--------------------|--------|-----------|
| 1                | Particulate Matter (PM)               | IS 11255:Part 1:1985<br>(Reaffirmed:2019) | mg/Nm <sup>3</sup> | 53.8   | 150       |
| 2                | Sulphur Dioxide (SO <sub>2</sub> )    | IS 11255:Part 2:1985<br>(Reaffirmed:2019) | mg/Nm <sup>3</sup> | 20.4   | 100       |
| 3                | Oxides of Nitrogen (NO <sub>2</sub> ) | IS 11255:Part 7:2005<br>(Reaffirmed:2022) | mg/Nm <sup>3</sup> | 24.6   | 50        |
| <b>Inference</b> |                                       | Conforms to prescribed standards          |                    |        |           |

**Note:** 1. \* As per KSPCB Consent copy  
2. AGL - Above Ground Level

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

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

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

## TEST REPORT

GPL/T/F/16A

### ANALYSIS REPORT OF SOURCE EMISSION

Date: 10.07.2024

| Address of the customer   | Report Details                          |                               |
|---|---|-------------------------------|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | <b>Chimney attached to</b>              | 1065 KVA DG set - 02          |
|   | <b>Sample collected by</b>              | Raju K S, Field Technician    |
|   | <b>Date of collection</b>               | 03.07.2024                    |
|   | <b>Sampling procedure</b>               | As per respective test method |
|   | <b>Date of sample receipt</b>           | 04.07.2024                    |
|   | <b>Particulars</b>                      | Source Emission               |
|   | <b>Date of commencement of analysis</b> | 04.07.2024                    |
|   | <b>Date of completion of analysis</b>   | 08.07.2024                    |
|   | <b>Number of pages</b>                  | 1 of 1                        |
|   | <b>Sample number</b>                    | GPL/2024/Jul/60               |
| <b>Sample report number</b>   | GPL/2024/Jul/60                         |                               |

#### General Details

|   |          |
|---|----------|
| Fuel used                                   | Diesel   |
| Ambient temperature in °C                   | 28       |
| Velocity in m/s                             | 24.1     |
| Type of the chimney                         | Circular |
| Height of the chimney in meter (AGL)        | 30       |
| Diameter of the chimney in meter            | 0.35     |
| Area of the cross section in m <sup>2</sup> | 0.0962   |
| Flue gas temperature in °C                  | 281      |

| Sl. No.          | Parameter                       | Test Method                      | Unit               | Result | Standard* |
|------------------|---------------------------------|----------------------------------|--------------------|--------|-----------|
| 1                | Carbon monoxide (CO)            | FGA                              | mg/Nm <sup>3</sup> | 39.4   | 150       |
| 2                | Non Methane Hydro Carbon (NMHC) | FGA                              | mg/Nm <sup>3</sup> | 26.5   | 100       |
| <b>Inference</b> |                                 | Conforms to prescribed standards |                    |        |           |

**Note:** 1. \* As per KSPCB Consent copy  
2. AGL - Above Ground Level  
3. FGA - Flue Gas Analyzer

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

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

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+91 9535272286, 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                   |                               |
|--|----------------------------------|-------------------------------|
| M/s AEQUS SEZ PRIVATE LIMITED<br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Chimney attached to              | 1065 KVA DG set - 01          |
|  | Sample collected by              | Kiran G L, Field Technician   |
|  | Date of collection               | 03.07.2024                    |
|  | Sampling procedure               | As per respective test method |
|  | Date of sample receipt           | 04.07.2024                    |
|  | Particulars                      | Source Emission               |
|  | Date of commencement of analysis | 04.07.2024                    |
|  | Date of completion of analysis   | 08.07.2024                    |
|  | Number of pages                  | 1 of 1                        |
|  | Sample number                    | GPL/2024/Jul/59               |
| Sample report number   | GPL/2024/Jul/59                  |                               |
| ULR number   | TC555124000001789F               |                               |

#### General Details

|   |          |
|---|----------|
| Fuel used                                   | Diesel   |
| Ambient temperature in °C                   | 28       |
| Velocity in m/s                             | 23.6     |
| Type of the chimney                         | Circular |
| Height of the chimney in meter (AGL)        | 30       |
| Diameter of the chimney in meter            | 0.35     |
| Area of the cross section in m <sup>2</sup> | 0.0962   |
| Flue gas temperature in °C                  | 274      |

| Sl. No.          | Parameter                             | Test Method                               | Unit               | Result | Standard* |
|------------------|---------------------------------------|---|--------------------|--------|-----------|
| 1                | Particulate Matter (PM)               | IS 11255:Part 1:1985<br>(Reaffirmed:2019) | mg/Nm <sup>3</sup> | 50.8   | 150       |
| 2                | Sulphur Dioxide (SO <sub>2</sub> )    | IS 11255:Part 2:1985<br>(Reaffirmed:2019) | mg/Nm <sup>3</sup> | 18.4   | 100       |
| 3                | Oxides of Nitrogen (NO <sub>2</sub> ) | IS 11255:Part 7:2005<br>(Reaffirmed:2022) | mg/Nm <sup>3</sup> | 21.3   | 50        |
| <b>Inference</b> |                                       | Conforms to prescribed standards          |                    |        |           |

Note: 1. \* As per KSPCB Consent copy  
2. AGL - Above Ground Level

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

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

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

## TEST REPORT

GPL/T/F/16A

### ANALYSIS REPORT OF SOURCE EMISSION

Date: 10.07.2024

| Address of the customer  | Report Details                   |                               |
|--|----------------------------------|-------------------------------|
| M/s AEQUS SEZ PRIVATE LIMITED<br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Chimney attached to              | 1065 KVA DG set - 01          |
|  | Sample collected by              | Kiran G L, Field Technician   |
|  | Date of collection               | 03.07.2024                    |
|  | Sampling procedure               | As per respective test method |
|  | Date of sample receipt           | 04.07.2024                    |
|  | Particulars                      | Source Emission               |
|  | Date of commencement of analysis | 04.07.2024                    |
|  | Date of completion of analysis   | 08.07.2024                    |
|  | Number of pages                  | 1 of 1                        |
|  | Sample number                    | GPL/2024/Jul/59               |
| Sample report number   | GPL/2024/Jul/59                  |                               |

#### General Details

|   |          |
|---|----------|
| Fuel used                                   | Diescl   |
| Ambient temperature in °C                   | 28       |
| Velocity in m/s                             | 23.6     |
| Type of the chimney                         | Circular |
| Height of the chimney in meter (AGL)        | 30       |
| Diameter of the chimney in meter            | 0.35     |
| Area of the cross section in m <sup>2</sup> | 0.0962   |
| Flue gas temperature in °C                  | 274      |

| Sl. No.          | Parameter                       | Test Method                      | Unit               | Result | Standard* |
|------------------|---------------------------------|----------------------------------|--------------------|--------|-----------|
| 1                | Carbon monoxide (CO)            | FGA                              | mg/Nm <sup>3</sup> | 34.8   | 150       |
| 2                | Non Methane Hydro Carbon (NMHC) | FGA                              | mg/Nm <sup>3</sup> | 23.9   | 100       |
| <b>Inference</b> |                                 | Conforms to prescribed standards |                    |        |           |

- Note:** 1. \* As per KSPCB Consent copy  
2. AGL - Above Ground Level  
3. FGA - Flue Gas Analyzer

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

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

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## TEST REPORT

GPL/T/F/16

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

Date: 14.08.2024

| Address of the customer   | Report Details                          |                               |
|---|---|-------------------------------|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | <b>Chimney attached to</b>              | 1065 KVA DG set - 01          |
|   | <b>Sample collected by</b>              | Kiran G L, Field Technician   |
|   | <b>Date of collection</b>               | 08.08.2024                    |
|   | <b>Sampling procedure</b>               | As per respective test method |
|   | <b>Date of sample receipt</b>           | 09.08.2024                    |
|   | <b>Particular</b>                       | Source Emission               |
|   | <b>Date of commencement of analysis</b> | 09.08.2024                    |
|   | <b>Date of completion of analysis</b>   | 13.08.2024                    |
|   | <b>Number of pages</b>                  | 1 of 1                        |
|   | <b>Sample number</b>                    | GPL/2024/Aug/132              |
|   | <b>Sample report number</b>             | GPL/2024/Aug/132              |
| <b>ULR number</b>   | TC555124000001960F                      |                               |

#### General Details

|   |          |
|---|----------|
| Fuel used                                   | Diesel   |
| Ambient temperature in °C                   | 29       |
| Humidity in %                               | 68       |
| Velocity in m/s                             | 32.0     |
| Type of the chimney                         | Circular |
| Height of the chimney in meter (AGL)        | 30.0     |
| Diameter of the chimney in meter            | 0.35     |
| Area of the cross section in m <sup>2</sup> | 0.0962   |
| Flue gas temperature in °C                  | 234      |

| Sl. No.          | Parameter                             | Test Method                               | Unit               | Result | Standard* |
|------------------|---------------------------------------|---|--------------------|--------|-----------|
| 1                | Particulate Matter (PM)               | IS 11255:Part 1:1985<br>(Reaffirmed:2019) | mg/Nm <sup>3</sup> | 47.9   | 150       |
| 2                | Sulphur Dioxide (SO <sub>2</sub> )    | IS 11255:Part 2:1985<br>(Reaffirmed:2019) | mg/Nm <sup>3</sup> | 15.2   | 100       |
| 3                | Oxides of Nitrogen (NO <sub>2</sub> ) | IS 11255:Part 7:2005<br>(Reaffirmed:2022) | mg/Nm <sup>3</sup> | 19.5   | 50        |
| <b>Inference</b> |                                       | Conforms to prescribed standards          |                    |        |           |

Note: 1. \* As per KSPCB Consent copy  
2. AGL - Above Ground Level

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

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

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## TEST REPORT

GPL/T/F/16A

### ANALYSIS REPORT OF SOURCE EMISSION

Date: 14.08.2024

| Address of the customer   | Report Details                          |                               |
|---|---|-------------------------------|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | <b>Chimney attached to</b>              | 1065 KVA DG set - 01          |
|   | <b>Sample collected by</b>              | Kiran G L, Field Technician   |
|   | <b>Date of collection</b>               | 08.08.2024                    |
|   | <b>Sampling procedure</b>               | As per respective test method |
|   | <b>Date of sample receipt</b>           | 09.08.2024                    |
|   | <b>Particular</b>                       | Source Emission               |
|   | <b>Date of commencement of analysis</b> | 09.08.2024                    |
|   | <b>Date of completion of analysis</b>   | 13.08.2024                    |
|   | <b>Number of pages</b>                  | 1 of 1                        |
|   | <b>Sample number</b>                    | GPL/2024/Aug/132              |
| <b>Sample report number</b>   | GPL/2024/Aug/132                        |                               |

#### General Details

|   |          |
|---|----------|
| Fuel used                                   | Diesel   |
| Ambient temperature in °C                   | 29       |
| Humidity in %                               | 68       |
| Velocity in m/s                             | 32.0     |
| Type of the chimney                         | Circular |
| Height of the chimney in meter (AGL)        | 30.0     |
| Diameter of the chimney in meter            | 0.35     |
| Area of the cross section in m <sup>2</sup> | 0.0962   |
| Flue gas temperature in °C                  | 234      |

| Sl. No.          | Parameter                       | Test Method                      | Unit               | Result | Standard* |
|------------------|---------------------------------|----------------------------------|--------------------|--------|-----------|
| 1                | Carbon monoxide (CO)            | FGA                              | mg/Nm <sup>3</sup> | 30.5   | 150       |
| 2                | Non Methane Hydro Carbon (NMHC) | FGA                              | mg/Nm <sup>3</sup> | 21.8   | 100       |
| <b>Inference</b> |                                 | Conforms to prescribed standards |                    |        |           |

- Note:** 1. \* As per KSPCB Consent copy  
 2. AGL - Above Ground Level  
 3. FGA - Flue Gas Analyzer

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

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





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## TEST REPORT

GPL/T/F/16

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

Date: 14.08.2024

| Address of the customer   | Report Details                          |                               |
|---|---|-------------------------------|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | <b>Chimney attached to</b>              | 1065 KVA DG set - 02          |
|   | <b>Sample collected by</b>              | Raju K S, Field Technician    |
|   | <b>Date of collection</b>               | 08.08.2024                    |
|   | <b>Sampling procedure</b>               | As per respective test method |
|   | <b>Date of sample receipt</b>           | 09.08.2024                    |
|   | <b>Particular</b>                       | Source Emission               |
|   | <b>Date of commencement of analysis</b> | 09.08.2024                    |
|   | <b>Date of completion of analysis</b>   | 13.08.2024                    |
|   | <b>Number of pages</b>                  | 1 of 1                        |
|   | <b>Sample number</b>                    | GPL/2024/Aug/133              |
| <b>Sample report number</b>   | GPL/2024/Aug/133                        |                               |
| <b>ULR number</b>   | TC555124000001961F                      |                               |

#### General Details

|   |          |
|---|----------|
| Fuel used                                   | Diescl   |
| Ambient temperature in °C                   | 29       |
| Humidity in %                               | 68       |
| Velocity in m/s                             | 24.6     |
| Type of the chimney                         | Circular |
| Height of the chimney in meter (AGL)        | 30.0     |
| Diameter of the chimney in meter            | 0.35     |
| Area of the cross section in m <sup>2</sup> | 0.0962   |
| Flue gas temperature in °C                  | 209      |

| Sl. No.          | Parameter                             | Test Method                               | Unit               | Result | Standard* |
|------------------|---------------------------------------|---|--------------------|--------|-----------|
| 1                | Particulate Matter (PM)               | IS 11255:Part 1:1985<br>(Reaffirmed:2019) | mg/Nm <sup>3</sup> | 50.4   | 150       |
| 2                | Sulphur Dioxide (SO <sub>2</sub> )    | IS 11255:Part 2:1985<br>(Reaffirmed:2019) | mg/Nm <sup>3</sup> | 17.7   | 100       |
| 3                | Oxides of Nitrogen (NO <sub>2</sub> ) | IS 11255:Part 7:2005<br>(Reaffirmed:2022) | mg/Nm <sup>3</sup> | 21.8   | 50        |
| <b>Inference</b> |                                       | Conforms to prescribed standards          |                    |        |           |

Note: 1. \* As per KSPCB Consent copy  
2. AGL - Above Ground Level

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

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

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## TEST REPORT

GPL/T/F/16A

### ANALYSIS REPORT OF SOURCE EMISSION

Date: 14.08.2024

| Address of the customer   | Report Details                          |                               |
|---|---|-------------------------------|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | <b>Chimney attached to</b>              | 1065 KVA DG set - 02          |
|   | <b>Sample collected by</b>              | Raju K S, Field Technician    |
|   | <b>Date of collection</b>               | 08.08.2024                    |
|   | <b>Sampling procedure</b>               | As per respective test method |
|   | <b>Date of sample receipt</b>           | 09.08.2024                    |
|   | <b>Particular</b>                       | Source Emission               |
|   | <b>Date of commencement of analysis</b> | 09.08.2024                    |
|   | <b>Date of completion of analysis</b>   | 13.08.2024                    |
|   | <b>Number of pages</b>                  | 1 of 1                        |
|   | <b>Sample number</b>                    | GPL/2024/Aug/133              |
| <b>Sample report number</b>   | GPL/2024/Aug/133                        |                               |

#### General Details

|   |          |
|---|----------|
| Fuel used                                   | Diesel   |
| Ambient temperature in °C                   | 29       |
| Humidity in %                               | 68       |
| Velocity in m/s                             | 24.6     |
| Type of the chimney                         | Circular |
| Height of the chimney in meter (AGL)        | 30.0     |
| Diameter of the chimney in meter            | 0.35     |
| Area of the cross section in m <sup>2</sup> | 0.0962   |
| Flue gas temperature in °C                  | 209      |

| Sl. No.          | Parameter                       | Test Method                      | Unit               | Result | Standard* |
|------------------|---------------------------------|----------------------------------|--------------------|--------|-----------|
| 1                | Carbon monoxide (CO)            | FGA                              | mg/Nm <sup>3</sup> | 34.2   | 150       |
| 2                | Non Methane Hydro Carbon (NMHC) | FGA                              | mg/Nm <sup>3</sup> | 23.4   | 100       |
| <b>Inference</b> |                                 | Conforms to prescribed standards |                    |        |           |

**Note:** 1. \* As per KSPCB Consent copy  
 2. AGL - Above Ground Level  
 3. FGA - Flue Gas Analyzer

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

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

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TC-5551

## TEST REPORT

GPL/T/F/16

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

Date: 17-09-2024

| Address of the customer   | Report Details                          |                               |
|---|---|-------------------------------|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | <b>Chimney attached to</b>              | 1065 KVA DG set - 02          |
|   | <b>Sample collected by</b>              | Raju K S, Field Technician    |
|   | <b>Date of collection</b>               | 05-09-2024                    |
|   | <b>Sampling procedure</b>               | As per respective test method |
|   | <b>Date of sample receipt</b>           | 06-09-2024                    |
|   | <b>Particular</b>                       | Source Emission               |
|   | <b>Date of commencement of analysis</b> | 06-09-2024                    |
|   | <b>Date of completion of analysis</b>   | 10-09-2024                    |
|   | <b>Number of pages</b>                  | 1 of 1                        |
|   | <b>Sample number</b>                    | GPL/2024/Sep/94               |
| <b>Sample report number</b>   | GPL/2024/Sep/94                         |                               |
| <b>ULR number</b>   | TC555124000002231F                      |                               |

#### General Details

|   |          |
|---|----------|
| Fuel used                                   | Diesel   |
| Ambient temperature in °C                   | 29       |
| Humidity in %                               | 63       |
| Velocity in m/s                             | 37.4     |
| Type of the chimney                         | Circular |
| Height of the chimney in meter (AGL)        | 30.0     |
| Diameter of the chimney in meter            | 0.35     |
| Area of the cross section in m <sup>2</sup> | 0.0962   |
| Flue gas temperature in °C                  | 254      |

| Sl. No.          | Parameter                             | Test Method                               | Unit               | Result | Standard* |
|------------------|---------------------------------------|---|--------------------|--------|-----------|
| 1                | Particulate Matter (PM)               | IS 11255:Part 1:1985<br>(Reaffirmed:2019) | mg/Nm <sup>3</sup> | 57.2   | 150       |
| 2                | Sulphur Dioxide (SO <sub>2</sub> )    | IS 11255:Part 2:1985<br>(Reaffirmed:2019) | mg/Nm <sup>3</sup> | 20.8   | 100       |
| 3                | Oxides of Nitrogen (NO <sub>x</sub> ) | IS 11255:Part 7:2005<br>(Reaffirmed:2022) | mg/Nm <sup>3</sup> | 24.9   | 50        |
| <b>Inference</b> |                                       | Conforms to prescribed standards          |                    |        |           |

Note: 1. \* As per KSPCB Consent copy

2. AGL - Above Ground Level

**AUTHORISED SIGNATORY**  
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\*\*\*End of the report\*\*\*

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TC-5551

## TEST REPORT

GPL/T/F/16

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

Date: 17-09-2024

| Address of the customer   | Report Details                          |                               |
|---|---|-------------------------------|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | <b>Chimney attached to</b>              | 1065 KVA DG set - 01          |
|   | <b>Sample collected by</b>              | Kiran G L, Field Technician   |
|   | <b>Date of collection</b>               | 05-09-2024                    |
|   | <b>Sampling procedure</b>               | As per respective test method |
|   | <b>Date of sample receipt</b>           | 06-09-2024                    |
|   | <b>Particular</b>                       | Source Emission               |
|   | <b>Date of commencement of analysis</b> | 06-09-2024                    |
|   | <b>Date of completion of analysis</b>   | 10-09-2024                    |
|   | <b>Number of pages</b>                  | 1 of 1                        |
|   | <b>Sample number</b>                    | GPL/2024/Sep/93               |
|   | <b>Sample report number</b>             | GPL/2024/Sep/93               |
| <b>ULR number</b>   | TC555124000002230F                      |                               |

#### General Details

|   |          |
|---|----------|
| Fuel used                                   | Diesel   |
| Ambient temperature in °C                   | 29       |
| Humidity in %                               | 63       |
| Velocity in m/s                             | 39.7     |
| Type of the chimney                         | Circular |
| Height of the chimney in meter (AGL)        | 30.0     |
| Diameter of the chimney in meter            | 0.35     |
| Area of the cross section in m <sup>2</sup> | 0.0962   |
| Flue gas temperature in °C                  | 242      |

| Sl. No.          | Parameter                             | Test Method                               | Unit               | Result | Standard* |
|------------------|---------------------------------------|---|--------------------|--------|-----------|
| 1                | Particulate Matter (PM)               | IS 11255:Part 1:1985<br>(Reaffirmed:2019) | mg/Nm <sup>3</sup> | 53.5   | 150       |
| 2                | Sulphur Dioxide (SO <sub>2</sub> )    | IS 11255:Part 2:1985<br>(Reaffirmed:2019) | mg/Nm <sup>3</sup> | 17.9   | 100       |
| 3                | Oxides of Nitrogen (NO <sub>2</sub> ) | IS 11255:Part 7:2005<br>(Reaffirmed:2022) | mg/Nm <sup>3</sup> | 22.8   | 50        |
| <b>Inference</b> |                                       | Conforms to prescribed standards          |                    |        |           |

Note: 1. \* As per KSPCB Consent copy

2. AGL - Above Ground Level

**AUTHORISED SIGNATORY**

Harish C S (T.M)

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

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TC-5551

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## TEST REPORT

GET/T/F/017

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

Date: 12.04.2024

| Address of the customer  | Report Details           |                                   |
|--|--------------------------|-----------------------------------|
| M/s AEQUS SEZ PRIVATE LIMITED<br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Monitoring done by       | Raju K S                          |
|  | Sampling procedure       | IS 9989:1981<br>(Reaffirmed:2020) |
|  | Date of monitoring       | 03.04.2024                        |
|  | Particulars              | Ambient noise                     |
|  | Date of sample receipt   | 04.04.2024                        |
|  | Environmental conditions | Normal                            |
|  | Number of pages          | 1 of 1                            |
|  | Sample number            | GET/2024/Apr/07                   |
| ULR report number  | TC55512400000901F        |                                   |

#### Day Time Ambient Noise

| Sl. No.          | Sample location     | Duration                        | Test method                       | Noise level Leq in dB(A) | Standards as per The Noise Pollution (Regulation and Control) Rules, 2000 |
|------------------|---------------------|---------------------------------|-----------------------------------|--------------------------|---|
| 1                | Near main gate area | 11.00 AM-11.05 AM               | IS 9989:1981<br>(Reaffirmed:2020) | 70.8                     | 75dB(A) Leq Max<br>(6 AM-10 PM)   |
| <b>Inference</b> |                     | Conforms to prescribed standard |                                   |                          |   |

#### Night Time Ambient Noise

| Sl. No.          | Sample location     | Duration                        | Test method                       | Noise level Leq in dB(A) | Standards as per The Noise Pollution (Regulation and Control) Rules, 2000 |
|------------------|---------------------|---------------------------------|-----------------------------------|--------------------------|---|
| 1                | Near main gate area | 11.45 PM-11.50 PM               | IS 9989:1981<br>(Reaffirmed:2020) | 62.4                     | 70dB(A) Leq Max<br>(10 PM-6 AM)   |
| <b>Inference</b> |                     | Conforms to prescribed standard |                                   |                          |   |

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

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

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## TEST REPORT

GET/T/F/017

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

Date: 12.04.2024

| Address of the customer  | Report Details           |                                |
|--|--------------------------|--------------------------------|
| M/s AEQUS SEZ PRIVATE LIMITED<br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Monitoring done by       | Kiran G L                      |
|  | Sampling procedure       | IS 9989:1981 (Reaffirmed:2020) |
|  | Date of monitoring       | 03.04.2024                     |
|  | Particulars              | DG noise                       |
|  | Date of sample receipt   | 04.04.2024                     |
|  | Environmental conditions | Normal                         |
|  | Number of pages          | 1 of 1                         |
|  | Sample number            | GET/2024/Apr/08                |
| ULR report number  | TC555124000000902F       |                                |

### Day Time DG 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                | 1065 KVA DG set - 1<br>(0.5 Meter) | 11.10 AM-<br>11.15 AM           | IS 9989:1981<br>(Reaffirmed:2020) | 73.2                     | 75dB(A) Leq Max<br>(6 AM-10 PM)   |
| 2                | 1065 KVA DG set - 1<br>(1.0 Meter) | 11.20 AM-<br>11.25 AM           |                                   | 72.0                     |   |
| 3                | 1065 KVA DG set - 1<br>(1.5 Meter) | 11.30 AM-<br>11.35 AM           |                                   | 68.4                     |   |
| <b>Inference</b> |                                    | Conforms to prescribed standard |                                   |                          |   |

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

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

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## 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 AEQUS SEZ PRIVATE LIMITED<br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Monitoring done by       | Raju K S, Field Technician     |
|  | Sampling procedure       | IS 9989:1981 (Reaffirmed:2020) |
|  | Date of monitoring       | 10.05.2024                     |
|  | Date of sample receipt   | 11.05.2024                     |
|  | Particulars              | Ambient noise                  |
|  | Environmental conditions | Normal                         |
|  | Number of pages          | 1 of 1                         |
|  | Sample number            | GPL/2024/May/112               |
|  | Sample report number     | GPL/2024/May/112               |
|  | ULR number               | TC555124000001272F             |

#### Day Time Ambient Noise

| Sl. No.          | Sample location       | Duration                        | Test method                       | Noise level Leq in dB(A) | Standard*                       |
|------------------|-----------------------|---------------------------------|-----------------------------------|--------------------------|---------------------------------|
| 1                | Near STP area 300 KLD | 10.45 AM-<br>10.50 AM           | IS 9989:1981<br>(Reaffirmed:2020) | 68.2                     | 75dB(A) Leq Max<br>(6 AM-10 PM) |
| <b>Inference</b> |                       | Conforms to prescribed standard |                                   |                          |                                 |

#### Night Time Ambient Noise

| Sl. No.          | Sample location       | Duration                        | Test method                       | Noise level Leq in dB(A) | Standard*                       |
|------------------|-----------------------|---------------------------------|-----------------------------------|--------------------------|---------------------------------|
| 1                | Near STP area 300 KLD | 10.20 PM-<br>10.25 PM           | IS 9989:1981<br>(Reaffirmed:2020) | 63.8                     | 70dB(A) Leq Max<br>(10 PM-6 AM) |
| <b>Inference</b> |                       | Conforms to prescribed standard |                                   |                          |                                 |

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

  
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Harish C S (T.M)

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## TEST REPORT

GPL/T/F/17

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

Date: 15.05.2024

| Address of the customer  | Report Details           |                                |
|--|--------------------------|--------------------------------|
| M/s AEQUS SEZ PRIVATE LIMITED<br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Monitoring done by       | Raju K S, Field Technician     |
|  | Sampling procedure       | IS 9989:1981 (Reaffirmed:2020) |
|  | Date of monitoring       | 10.05.2024                     |
|  | Date of sample receipt   | 11.05.2024                     |
|  | Particulars              | DG noise                       |
|  | Environmental conditions | Normal                         |
|  | Number of pages          | 1 of 1                         |
|  | Sample number            | GPL/2024/May/113               |
|  | Sample report number     | GPL/2024/May/113               |
| ULR number   | TC555124000001273F       |                                |

#### Day Time DG Noise

| Sl. No.          | Sample locations                   | Duration              | Test method                       | Noise level Leq in dB(A) | Standard*                       |
|------------------|------------------------------------|-----------------------|-----------------------------------|--------------------------|---------------------------------|
| 1                | 1065 KVA DG set - 2<br>(0.5 Meter) | 11.15 AM-<br>11.20 AM | IS 9989:1981<br>(Reaffirmed:2020) | 72.6                     | 75dB(A) Leq Max<br>(6 AM-10 PM) |
| 2                | 1065 KVA DG set - 2<br>(1.0 Meter) | 11.25 AM-<br>11.30 AM |                                   | 70.4                     |                                 |
| 3                | 1065 KVA DG set - 2<br>(1.5 Meter) | 11.35 AM-<br>11.40 AM |                                   | 68.2                     |                                 |
| <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)

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## 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 AEQUS SEZ PRIVATE LIMITED<br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Monitoring done by       | Kiran G L, Field Technician    |
|  | Sampling procedure       | IS 9989:1981 (Reaffirmed:2020) |
|  | Date of monitoring       | 05.06.2024                     |
|  | Date of sample receipt   | 06.06.2024                     |
|  | Particulars              | Ambient noise                  |
|  | Environmental conditions | Normal                         |
|  | Number of pages          | 1 of 1                         |
|  | Sample number            | GPL/2024/Jun/70                |
|  | Sample report number     | GPL/2024/Jun/70                |
|  | ULR number               | TC555124000001508F             |

#### Day Time Ambient Noise

| Sl. No.          | Sample location   | Duration                        | Test method                       | Noise level in dB(A) Leq | Standard*                    |
|------------------|-------------------|---------------------------------|-----------------------------------|--------------------------|------------------------------|
| 1                | Near canteen area | 01.20 PM-<br>01.25 PM           | IS 9989:1981<br>(Reaffirmed:2020) | 73.4                     | 75 dB(A) Leq<br>(6 AM-10 PM) |
| <b>Inference</b> |                   | Conforms to prescribed standard |                                   |                          |                              |

#### Night Time Ambient Noise

| Sl. No.          | Sample location   | Duration                        | Test method                       | Noise level in dB(A) Leq | Standard*                    |
|------------------|-------------------|---------------------------------|-----------------------------------|--------------------------|------------------------------|
| 1                | Near canteen area | 11.05 PM-<br>11.10 PM           | IS 9989:1981<br>(Reaffirmed:2020) | 64.6                     | 70 dB(A) Leq<br>(10 PM-6 AM) |
| <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\*\*\*





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## TEST REPORT

GPL/T/F/17

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

Date: 08.06.2024

| Address of the customer  | Report Details           |                                |
|--|--------------------------|--------------------------------|
| M/s AEQUS SEZ PRIVATE LIMITED<br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Monitoring done by       | Raju K S, Field Technician     |
|  | Sampling procedure       | IS 9989:1981 (Reaffirmed:2020) |
|  | Date of monitoring       | 06.06.2024                     |
|  | Date of sample receipt   | 06.06.2024                     |
|  | Particulars              | DG noise                       |
|  | Environmental conditions | Normal                         |
|  | Number of pages          | 1 of 1                         |
|  | Sample number            | GPL/2024/Jun/69                |
|  | Sample report number     | GPL/2024/Jun/69                |
| ULR number   | TC555124000001507F       |                                |

#### Day Time DG Noise

| Sl. No.          | Sample locations                    | Duration                        | Test method                       | Noise level in dB(A) Leq | Standard*                    |
|------------------|-------------------------------------|---------------------------------|-----------------------------------|--------------------------|------------------------------|
| 1                | 1065 KVA DG set - 1<br>at 0.5 Meter | 01.30 PM-<br>01.35 PM           | IS 9989:1981<br>(Reaffirmed:2020) | 72.5                     | 75 dB(A) Leq<br>(6 AM-10 PM) |
| 2                | 1065 KVA DG set - 1<br>at 1.0 Meter | 01.40 PM-<br>01.45 PM           |                                   | 71.8                     |                              |
| 3                | 1065 KVA DG set - 1<br>at 1.5 Meter | 01.50 PM-<br>01.55 PM           |                                   | 69.9                     |                              |
| <b>Inference</b> |                                     | Conforms to prescribed standard |                                   |                          |                              |

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

  
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Muniraju G (Q.M)

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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 AEQUS SEZ PRIVATE LIMITED<br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Monitoring done by       | Kiran G L, Field Technician    |
|  | Sampling procedure       | IS 9989:1981 (Reaffirmed:2020) |
|  | Date of monitoring       | 03.07.2024                     |
|  | Date of sample receipt   | 04.07.2024                     |
|  | Particulars              | Ambient noise                  |
|  | Environmental conditions | Normal                         |
|  | Number of pages          | 1 of 1                         |
|  | Sample number            | GPL/2024/Jul/56                |
|  | Sample report number     | GPL/2024/Jul/56                |
|  | ULR number               | TC555124000001786F             |

#### Day Time Ambient Noise

| Sl. No.          | Sample location | Duration                        | Test method                    | Noise level in dB(A) Leq | Standard*                 |
|------------------|-----------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 1                | Near DG area    | 10.50 AM-10.55 AM               | IS 9989:1981 (Reaffirmed:2020) | 73.4                     | 75 dB(A) Leq (6 AM-10 PM) |
| <b>Inference</b> |                 | Conforms to prescribed standard |                                |                          |                           |

#### Night Time Ambient Noise

| Sl. No.          | Sample location | Duration                        | Test method                    | Noise level in dB(A) Leq | Standard*                 |
|------------------|-----------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 1                | Near DG area    | 11.05 PM-11.10 PM               | IS 9989:1981 (Reaffirmed:2020) | 66.2                     | 70 dB(A) Leq (10 PM-6 AM) |
| <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\*\*\*

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ENGINEERING SOLUTION FOR POLLUTION

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## TEST REPORT

GPL/T/F/17

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

Date: 09.07.2024

| Address of the customer  | Report Details           |                                |
|--|--------------------------|--------------------------------|
| M/s AEQUS SEZ PRIVATE LIMITED<br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Monitoring done by       | Raju K S, Field Technician     |
|  | Sampling procedure       | IS 9989:1981 (Reaffirmed:2020) |
|  | Date of monitoring       | 03.07.2024                     |
|  | Date of sample receipt   | 04.07.2024                     |
|  | Particulars              | DG noise                       |
|  | Environmental conditions | Normal                         |
|  | Number of pages          | 1 of 1                         |
|  | Sample number            | GPL/2024/Jul/55                |
|  | Sample report number     | GPL/2024/Jul/55                |
|  | ULR number               | TC555124000001785F             |

### Day Time DG Noise

| Sl. No.          | Sample locations                    | Duration                        | Test method                       | Noise level in dB(A) Leq | Standard*                    |
|------------------|-------------------------------------|---------------------------------|-----------------------------------|--------------------------|------------------------------|
| 1                | 1065 KVA DG set - 2<br>at 0.5 Meter | 11.10 AM-<br>11.15 AM           | IS 9989:1981<br>(Reaffirmed:2020) | 72.6                     | 75 dB(A) Leq<br>(6 AM-10 PM) |
| 2                | 1065 KVA DG set - 2<br>at 1.0 Meter | 11.20 AM-<br>11.25 AM           |                                   | 71.2                     |                              |
| 3                | 1065 KVA DG set - 2<br>at 1.5 Meter | 11.30 AM-<br>11.35 AM           |                                   | 70.8                     |                              |
| <b>Inference</b> |                                     | Conforms to prescribed standard |                                   |                          |                              |

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

  
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## 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 AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | <b>Monitoring done by</b>      | Kiran G L, Field Technician    |
|   | <b>Sampling procedure</b>      | IS 9989:1981 (Reaffirmed:2020) |
|   | <b>Date of monitoring</b>      | 08.08.2024                     |
|   | <b>Date of sample receipt</b>  | 09.08.2024                     |
|   | <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/129               |
|   | <b>Sample report number</b>    | GPL/2024/Aug/129               |
|   | <b>ULR number</b>              | TC555124000001957F             |

#### Day Time Ambient Noise

| Sl. No.          | Sample Location                | Duration                        | Test Method                    | Noise level in dB(A) Leq | Standard*                 |
|------------------|--------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 1                | Near admin block entrance area | 12.00 PM-12.05 PM               | IS 9989:1981 (Reaffirmed:2020) | 67.6                     | 75 dB(A) Leq (6 AM-10 PM) |
| <b>Inference</b> |                                | Conforms to prescribed standard |                                |                          |                           |

#### Night Time Ambient Noise

| Sl. No.          | Sample Location                | Duration                        | Test Method                    | Noise level in dB(A) Leq | Standard*                 |
|------------------|--------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 1                | Near admin block entrance area | 10.50 PM-10.55 PM               | IS 9989:1981 (Reaffirmed:2020) | 60.8                     | 70 dB(A) Leq (10 PM-6 AM) |
| <b>Inference</b> |                                | Conforms to prescribed standard |                                |                          |                           |

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

  
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## TEST REPORT

GPL/T/F/17

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

Date: 20.08.2024

| Address of the customer   | Report Details                 |                                |
|---|--------------------------------|--------------------------------|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi 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>      | 08.08.2024                     |
|   | <b>Date of sample receipt</b>  | 09.08.2024                     |
|   | <b>Particular</b>              | DG Noise                       |
|   | <b>Environmental condition</b> | Normal                         |
|   | <b>Number of pages</b>         | 1 of 1                         |
|   | <b>Sample number</b>           | GPL/2024/Aug/128               |
|   | <b>Sample report number</b>    | GPL/2024/Aug/128               |
|   | <b>ULR number</b>              | TC555124000001956F             |

### Day Time DG Noise

| Sl. No.          | Sample Locations                    | Duration                        | Test Method                       | Noise level in dB(A) Leq | Standard*                    |
|------------------|-------------------------------------|---------------------------------|-----------------------------------|--------------------------|------------------------------|
| 1                | 1065 KVA DG set - 1<br>at 0.5 Meter | 12.20 PM-<br>12.25 PM           | IS 9989:1981<br>(Reaffirmed:2020) | 73.4                     | 75 dB(A) Leq<br>(6 AM-10 PM) |
| 2                | 1065 KVA DG set - 1<br>at 1.0 Meter | 12.30 PM-<br>12.35 PM           |                                   | 72.8                     |                              |
| 3                | 1065 KVA DG set - 1<br>at 1.5 Meter | 12.40 PM-<br>12.45 PM           |                                   | 71.6                     |                              |
| <b>Inference</b> |                                     | Conforms to prescribed standard |                                   |                          |                              |

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

  
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## TEST REPORT

GPL/T/F/17

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

Date: 17.09.2024

| Address of the customer   | Report Details          |                                |
|---|-------------------------|--------------------------------|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Monitoring done by      | Raju K S, Field Technician     |
|   | Sampling procedure      | IS 9989:1981 (Reaffirmed:2020) |
|   | Date of monitoring      | 04.09.2024                     |
|   | Particular              | DG Noise                       |
|   | Date of sample receipt  | 05.09.2024                     |
|   | Environmental condition | Normal                         |
|   | Number of pages         | 1 of 1                         |
|   | Sample number           | GPL/2024/Sep/61                |
|   | Sample report number    | GPL/2024/Sep/61                |
|   | ULR number              | TC555124000002202F             |

### Day Time DG Noise

| Sl. No.          | Sample Locations                    | Duration                        | Test Method                       | Noise level in dB(A) Leq | Standard*                    |
|------------------|-------------------------------------|---------------------------------|-----------------------------------|--------------------------|------------------------------|
| 1                | 1065 KVA DG set - 2<br>at 0.5 Meter | 09.30 AM-<br>09.35 AM           | IS 9989:1981<br>(Reaffirmed:2020) | 73.8                     | 75 dB(A) Leq<br>(6 AM-10 PM) |
| 2                | 1065 KVA DG set - 2<br>at 1.0 Meter | 09.40 AM-<br>09.45 AM           |                                   | 71.4                     |                              |
| 3                | 1065 KVA DG set - 2<br>at 1.5 Meter | 09.50 AM-<br>09.55 AM           |                                   | 70.6                     |                              |
| <b>Inference</b> |                                     | Conforms to prescribed standard |                                   |                          |                              |

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

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TC-5551

## TEST REPORT

GPL/T/F/17

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

Date: 17.09.2024

| Address of the customer   | Report Details          |                                |
|---|-------------------------|--------------------------------|
| <b>M/s AEQUS SEZ PRIVATE LIMITED</b><br>Sy. No. 437/A, 438 and 439,<br>Hattargi Village,<br>Hukkeri Taluk, Chikkodi,<br>Belagavi District | Monitoring done by      | Kiran G L, Field Technician    |
|   | Sampling procedure      | IS 9989:1981 (Reaffirmed:2020) |
|   | Date of monitoring      | 04.09.2024                     |
|   | Particular              | Ambient Noise                  |
|   | Date of sample receipt  | 05.09.2024                     |
|   | Environmental condition | Normal                         |
|   | Number of pages         | 1 of 1                         |
|   | Sample number           | GPL/2024/Sep/62                |
|   | Sample report number    | GPL/2024/Sep/62                |
|   | ULR number              | TC555124000002203F             |

#### Day Time Ambient Noise

| Sl. No.          | Sample Location      | Duration                        | Test Method                    | Noise level in dB(A) Leq | Standard*                 |
|------------------|----------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 1                | Near water pond area | 09.15 AM-09.20 AM               | IS 9989:1981 (Reaffirmed:2020) | 67.2                     | 75 dB(A) Leq (6 AM-10 PM) |
| <b>Inference</b> |                      | Conforms to prescribed standard |                                |                          |                           |

#### Night Time Ambient Noise

| Sl. No.          | Sample Location      | Duration                        | Test Method                    | Noise level in dB(A) Leq | Standard*                 |
|------------------|----------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 1                | Near water pond area | 10.30 PM-10.35 PM               | IS 9989:1981 (Reaffirmed:2020) | 56.4                     | 70 dB(A) Leq (10 PM-6 AM) |
| <b>Inference</b> |                      | Conforms to prescribed standard |                                |                          |                           |

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

  
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