

To,

The Director (S)

Ministry of Environment, Forest & Climate Change

Regional Office (Southern Zone)

Kendriya Sadan, 4th Floor, E&F Wings,

17th Main Road, 2nd Block,

Koramangala, Bangalore – 560 034

Respected Sir,

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

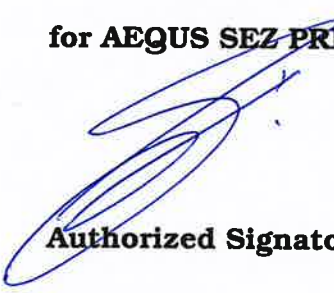
Ref: (1) Our EC No: SEIAA/200/CON/2008 Dt: 21st July 2009

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 October 2024 to March 2025 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: OCTOBER 2024 – MARCH 2025)

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**

Table of Content

Sl. No.	Particulars	Page No.
1	Environmental Clearance.....	
2	Compliance Report.....	1-10
3	Annexures.....	

ANNEXURES

Particular	Description
Annexure-1	Water consumption details
Annexure-2	Current status of the project en-marked in the layout plan
Annexure-3	CSR Activity
Annexure-4	Solar system
Annexure-5	CFO Copy
Annexure-6	Rainwater Recharge Pits
Annexure-7	Biogas Plant Log sheet
Annexure-8	BMW Authorization
Annexure-9	BMW Register
Annexure-10	Tree plantation details
Annexure-11	Half yearly monitoring reports (AAQ, Noise, Water, Soil & Stack)

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, 7th Floor, IV-Gate,
M.S. Building, Bangalore-560 001,
Date: 21st July 2009.

To,

M/s. Quest SEZ Development Pvt. Ltd.,
No. 2, First Floor, 21/2 BhattraHalli,
14th 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 21st 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 15th May 2009, 19th & 20th 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 dis-infection 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. FEE 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.

1. 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 m³ 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. Ensure 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 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.

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 confirming 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.G. 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 CCF, 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.

3. The Member Secretary, Karnataka State Pollution Control Board, Bangalore.
4. The CCF, Regional Office, Ministry of Environment & Forests (SZ), Kendriya Sadan, IVth Floor, E & F wings, 17th Main Road, Koramangala IInd 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 21st July 2009 issued to M/s. Quest SEZ Development Pvt. Ltd., No. 2, First Floor, 21/2 BhattraHalli, 14th 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 2nd 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 21st July 2009 remains unchanged.




(Vijayakumar Gogi)
Member Secretary,
SEIAA.

To,

M/s Aequs SEZ Private Limited,
No. 2, First Floor, 21/2 BhattraHalli,
14th KM Old Madras Road,
K. R. Puram Hobli, Bangalore - 560 049

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, 17th 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: 21st July 2009****(October 2024 to March 2025)**

Sl.	EC Conditions	Compliance
1	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 st March 2009.	Noted and accepted.
2	The M/s. Aequs SEZ Private Limited , 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. (EC Corrigendum Dated: 01.06.2020)	Complied. The water is sourced from tanker supply and the consumption remains within the approved limits. The logbook documenting usage is enclosed as Annexure-1 . Each individual unit is responsible for treating the effluent it generates. At present, M/s Aerospace Processing India Private Limited Unit-1 and Unit-2 are generating trade effluent, which is being treated in-house and recycled back into the same units. The current project status, including the updated layout plan showing the green belt area, parking, roads, built-up area and a list of established units is enclosed as Annexure-2 . Currently, we have one STP with a capacity of 300 KLD. An additional 300 KLD STP will be constructed in the future, based on requirements.
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 th May 2009, 19 th 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:	Noted

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.	Complied 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.	Complied 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. Will ensure all safety measures will take care during future construction building. 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.	Complied Due care was taken during the construction of individual plots. 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.	Complied 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. 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.	Complied Temporary toilets and bathrooms were constructed at project site during construction for the work force. 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.	Complied 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.	Complied 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.	Complied 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.	Complied 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.	Complied Top soil 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.	Complied 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.	Complied 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 water.	Complied 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) &

		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.	Complied 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.	Complied 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.	Complied Currently, no construction works are involved and now the facility is in operation phase. 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.	Complied 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.	Noted 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.	Noted 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	All the sewage generated by industries will

	treatment should be done.	be collected and treated in 300KLD STP handled by Aequs 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.	Complied 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.	Complied 15% glass is used for windows in admin block Usage of glass is less than 5% in other areas. 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.	Complied 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.	Complied 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.	Complied All the Hazardous waste generated was collected and disposed as per the H&OW (MH&TM) Rules 2016. 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.	Complied Our company has invested Rs. 34 lakhs during the period of October 2024 to March 2025 in our CSR activities under aequs foundation and this initiative is ongoing. The details are enclosed as Annexure-3 .
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 Annexure-4 .
II: Operation Phase.		
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 floor of the main structure is commenced and the plant shall be got	Noted. Currently, we have one STP with a capacity of 300 KLD. An additional 300 KLD STP will be constructed in the future, based on requirements. Copy of STP photos were

	<p>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. (EC Corrigendum Dated: 01.06.2020)</p>	<p>submitted along with the previous compliance report. The valid CFO copy is enclosed as Annexure-5. Effluent treatment is the responsibility of the individual unit holder generating the effluent. Currently M/s Aerospace Processing India Private Limited unit-1 and unit-2 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 m³ 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 & road channelized & collected at rain water harvesting pond with a capacity of around 12 million lts.</p> <p>The rainwater recharge pits are constructed and the photographs are enclosed as Annexure-6.</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>Complied 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>Complied The garden waste and other biodegradables are being treated with in campus to form the compost and reuse for garden. 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 Annexure-7. 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>Complied The hazardous waste generated from Aequs SEZ Pvt. Ltd. & other Respective industries setups in our industrial area are handling the wastes as per the H&OW (MH&TM) Rules 2016. Form IV is being submitted to KSPCB regularly. Bio-medical waste is being handled by the EHS team. An authorization is being obtained from KSPCB for generation,</p>

		collection, storage, packaging & transportation of bio-medical waste and is annexed as Annexure-8 . Bio-medical waste disposal register is being maintained and copy of the same is annexed as Annexure-9 .
6	<p>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 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>Complied</p> <p>Totally 7200 tress/plants are being planted & 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 & 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> <p>Also, during the October 2024 to March 2025 Tree plantation organized and around 95 trees planted within the project site and the photographs are enclosed as Annexure-10.</p>
7	Green belt to be developed with indigenous tree species in consultation with Forest Department.	<p>Complied</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>Complied</p> <p>Ambient air quality, noise levels and water quality are being measured once in a month. Reports of past 6months are enclosed as Annexure-11.</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>Complied</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 and the photographs is enclosed as Annexure-4.</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	<p>Complied</p> <p>15mtr entry roads provided from the service road & main gate located 35mtrs away from</p>

	public space should be utilized.	the service road. Sufficient parking has been provided to avoid congestion of traffic.
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.	Office spaces are provided with CFL & shop floor provided with T5 energy saver light fixtures. Street lights are provided with LED fixtures with sensors to switch On & Off. Other fittings are provided with group switches & used to switch off when not in use.
12	All toilets should have dual plumbing line and no wastewater is discharged from the unit.	Recycled/treated water is not used in toilet for flushing. Treated water is completely used for land scape.
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.	Complied 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 implemented.
14	The SEZ shall have D.G Set of 4x1000 KVA and 4x2000KVA as an alternate power supply source as proposed. (EC Corrigendum Dated: 01.06.2020)	Noted. We have installed both of the approved 1065 KVA DG sets as per the consent granted by the KSPCB for backup power. The remaining two 1010 KVA DG sets are planned for installation in the financial year 2025-26, based on the actual load requirements. Additionally, a new unit has been established within our SEZ campus. This unit has already obtained Consent for Operation (CFO) from the Board for 4 x 2000 KVA DG sets. Currently, three of these DG sets have been installed, and the remaining one is in progress and is expected to be installed by July 2025. Copies of the consent orders have been submitted along with the 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.	Complied 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.	Complied 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. The half-yearly monitoring test reports, attached as Annexure-11 , 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.	Noted & Agreed
5	In the case of any change (s) in the scope of the project, the project would require a fresh appraisal by this Authority.	Noted and Agreed
6	Concealing factual data or submission of false/fabricated data and failure to comply any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of environmental (Protection) Act, 1986.	Agreed
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.	Noted
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.	Agreed
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.	Complied NOC obtained from Chief Controller of Explosives- NA NOC obtained from Fire Department. The Fire Department NOC was submitted along with the previous compliance NOC from Civil Aviation Department – Not Applicable. 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	Complied The copy of the Newspaper advertisement is submitted along with previous compliance report.

	Ecology Department at http:// seiaa.kar.nic.in . 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	
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.	Complied 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, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.	Complied.
13	Under the Provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project has been started without obtaining environmental clearance.	Noted
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.	Noted

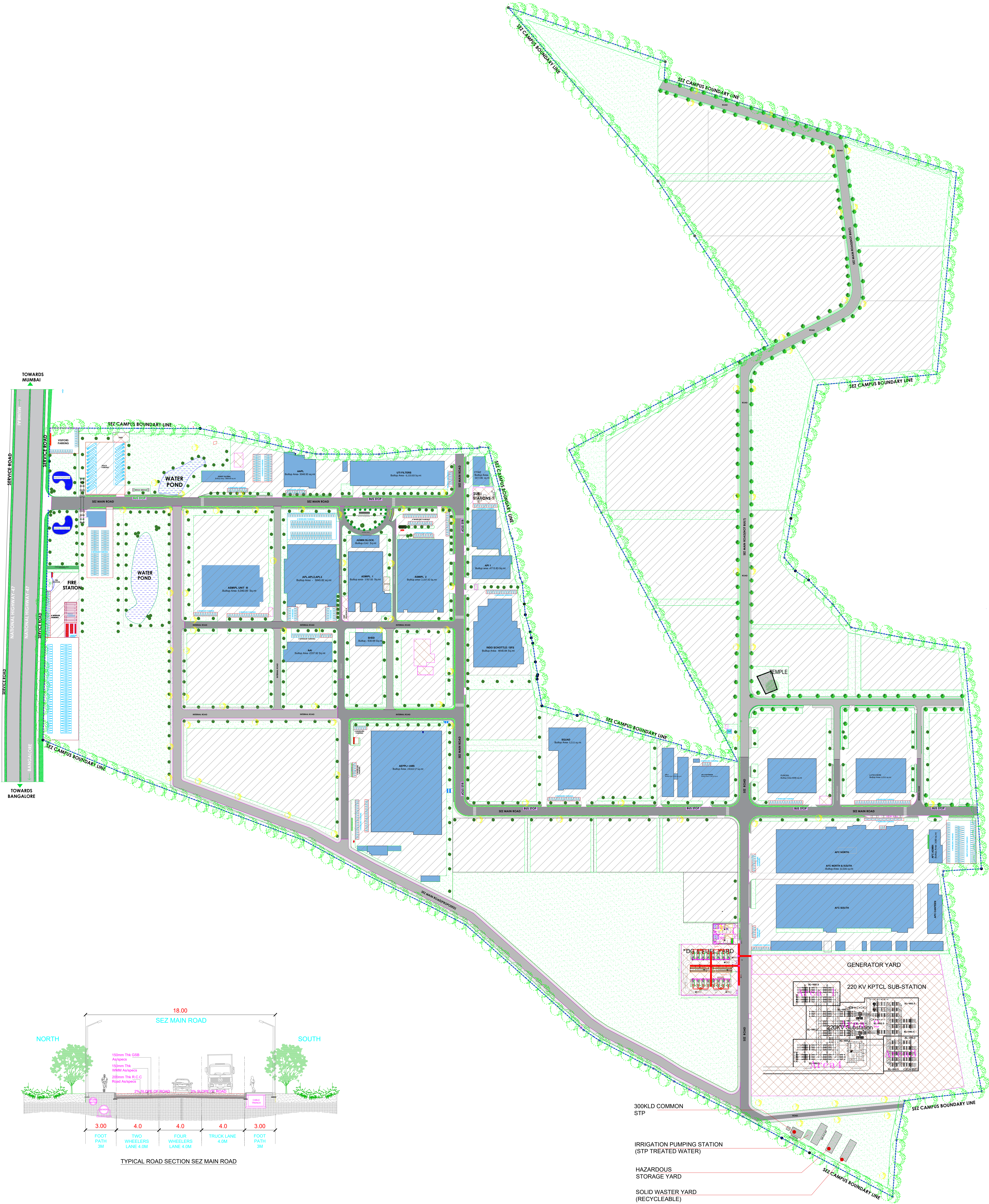
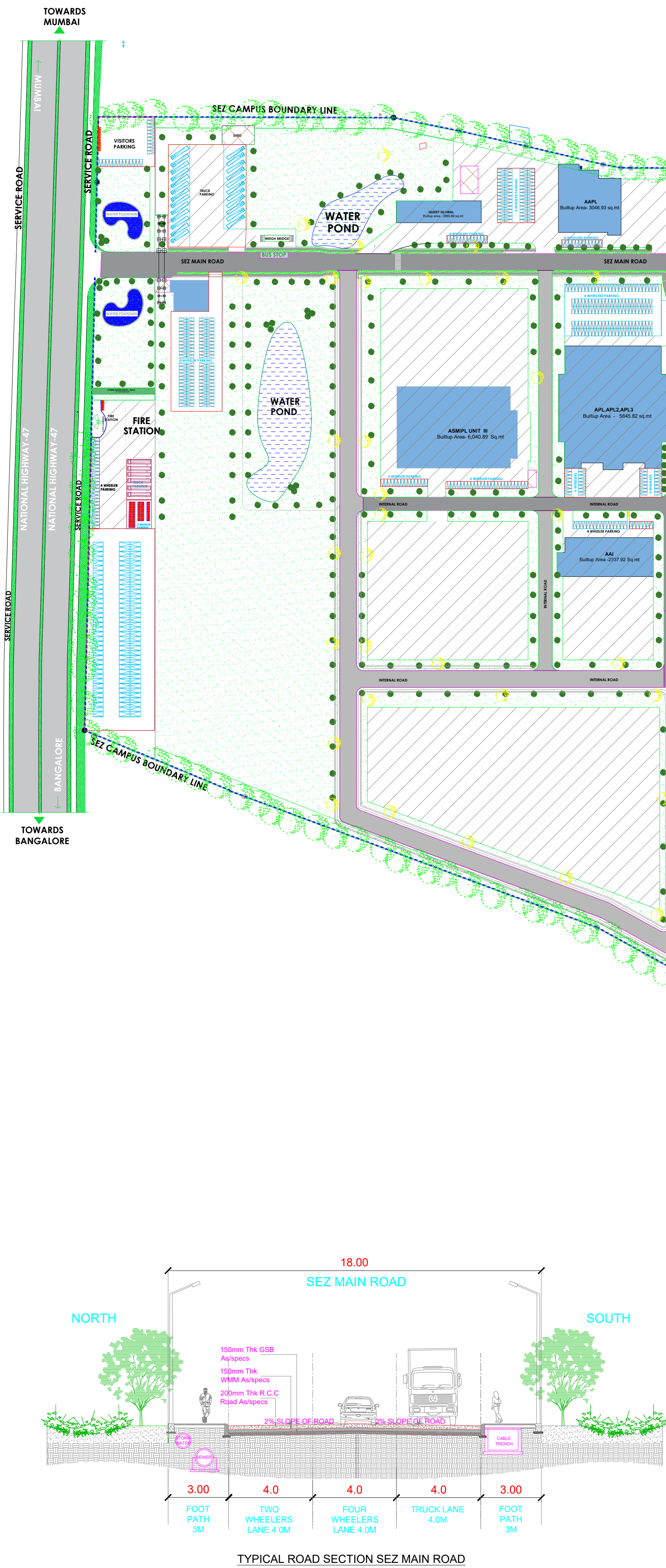
for **AEQUS SEZ Pvt. Ltd.**

Authorized Signatory

ANNEXURE 1

		Total (Domestic+ Industrial) Water Consumption for the period of October 2024 - March 2025.
Sl. No	Month	Total Water Consumption (KLD)
1	Oct-24	203.41
2	Nov-24	209.88
3	Dec-24	245.57
4	Jan-25	256.34
5	Feb-25	279.7
6	Mar-25	242.91

ANNEXURE 2



Total Sez Land area- 1062260.28 Sq.m(262.49 Acres)				
Sl.no	Description	Area (sqm)	In Acres	Percentage
1.	Buildings / Roof Top Area	111337.17	27.51	10.45%
2.	Road Area	89144.60	22.03	8.40%
3.	Cable Trench area	7231.46	1.78	0.70%
4.	Drain Lines area	3615.73	0.89	0.35%
5.	Parking Area	30247.00	7.47	2.85%
6.	Green Belt Area	350546.89	86.62	33%
7.	Common Amenities	71207.54	17.59	6.70%
8.	Industrial Open Land Left	398929.89	96.57	37.55%
Total Area		1062260.28	262.49	100%

Sl.no	Description	Area(sq.m)	Area(Acre's)
Total Site Area		1062260.28 sq.mt	262.49
A.	Green belt, Buffer & Parks	350546.89	86.62
B.	Roads, Parking & Common Amenities	201446.33	49.77
Total		551993.22	136.40
1.	Industrial Plot Area	510267.06	126.09
2.	Industrial Builtup Area	111337.17	27.51

PARKING REQUIREMENTS
As per KIADB Industrial(General) one car parking of 2.5x5.5m.Each shall be provided for every 150sq.m of floor area. One Lorry space measuring 3.5x7.5m for every 1000 sqm. or part thereof

Sl.no	Description	Nos
1	Car (1 car per every 150 sqm)	777
2	Truck (1 Truck per every 1000 sqm)	141
3	Bus (1 Bus per every 5000 sqm)	36

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KEY PLAN

TOTAL SITE AREA
1062260.28 SQ.MT
(262.49 Acres)

AREA STATEMENT

TOTAL SITE AREA-1062260.28 Sq.mt

SL	DESCRIPTION	AREA (SQ.MT)	AREA (Acre)	%
01	PLOTS	510267.06	126.10	48%
02	GREEN BELT,BUFFER & PARKS	350546.89	86.62	33%
03	ROAD,PARKING,COMMON AMENITIES	201446.33	49.77	19%
TOTAL SITE AREA		1062260.28	262.49	100%

LEGEND

	PLOTS
	COMMON AREAS & AMENITIES
	GREEN BELT AND PARKS
	RAINWATER RETENTION POND
	BUILTUP AREA
	ROADS

PROJECT LOCATION

Sy.No.437/A, Hattargi Village,
Hukkeri Taluk, Belagavi - 591243
Tel: +91 831 3090000

OWNER

Aequs Sez Private Limited,
No.55, Aequs Towers,ITPB-Whitefield
Main Road,Mahadevapura Post,
Bengaluru - 560 048

ARCHITECT

01	FOR APPROVAL	Drawn	Checked	Appd	Date
ISSUE	DESCRIPTION	Prashant	Vinutha.S	VA	20-05-2025

TITLE:
MASTER PLAN FOR KSPCB

PROJECT NO:	DRG NO:
A0	SCALE-NTS

Sr.	Name of the Company	Nature of Business	Area in Sq. Ft
1	Aerospace Processing India Private Limited Unit 1	Surface treatment solutions for aerospace components	22,107.78
2	Aerospace Processing India Private Limited Unit II (ETP Building)	Surface treatment solutions for aerospace components	34,214.00
2	Aerospace Processing India Private Limited Unit II	Surface treatment solutions for aerospace components	54,841.80
3	SFS Group India Pvt Ltd (Formerly Indo Schottle) Unit 1	Manufacturing of precision components for automotive and industrial equipment	28,010.41
4	SFS Group India Pvt Ltd (Formerly Indo Schottle) Unit 2		22,008.18
5	QuEST Global Engineering Services	Engineering support services	18,847.08
6	UFI Filters Pvt. Ltd.	Manufacturing of filters for industrial vehicles	66,000.00
7	SQuAD Forging India Pvt Ltd	Forging for aerospace industry	55,020.45
8	Apollo Aerospace Components India Pvt. Ltd	Stockist and distributor for aerospace components / parts	9,132.00
9	All Metal Services India Pvt Ltd	Raw material Stockist and distributor for aerospace components / parts	40,865.00
10	Purosil India Pvt Ltd	Manufacturing of silicone hoses	47,817.00
11	Latecoere India Pvt Ltd.	Manufacturing of wire harness	48,987.00
12	Aubert & Duval Engg. India Pvt Ltd	Engineering services	10,879.00
13	V P Aero Solutions Pvt Ltd	Manufacture and rendering services including the trading of machined parts for drilling operations	4,796.00
14	Inspiron Enterprise	Warehousing, Distributor for aerospace components / parts	150.00
15	Sandvik Asia Pvt. Ltd	Warehousing, Distributor for aerospace components / parts	120.00
16	Walter Tools India Private Limited	Warehousing, Distributor for aerospace components / parts	150.00
17	Unique Tooling Solutions Pvt. Ltd	Warehousing, Distributor for aerospace components / parts	150.00
18	Kamath Tooling Solutions Pvt Ltd	Warehousing, Distributor for aerospace components / parts	120.00
19	Ardonan Packaging Industries Pvt Ltd	Packaging, Warehousing	300.00
20	Aerostructure Assemblies India Pvt Ltd.	Build-to-Print (BTP), assembly solutions (Assembling of Plug Door & Over-Wing Exit Door Etc.)	25,593.00
21	Aequs Pvt Ltd Unit 2	precision machining for AeroSystems, Aerostructures, landing gear and engine components	40,901.00
22	Aequs Pvt Ltd Unit 4	precision machining for AeroSystems, Aerostructures, landing gear and engine components	40,311.00
23	AeroStructures Manufacturing Pvt Ltd Unit 1	precision machining for AeroSystems, Aerostructures, landing gear and engine components	70,533.36
24	AeroStructures Manufacturing Pvt Ltd Unit 2	precision machining for AeroSystems, Aerostructures, landing gear and engine components	93,000.00
25	AeroStructures Manufacturing Pvt Ltd Unit 3	precision machining for AeroSystems, Aerostructures, landing gear and engine components	64,706.00
26	Aequs Engineered Plastics Pvt Ltd	contract manufacturer of Toys (185,209.92- Main Building, 56,453.00- Warehouse at AFC (N))	2,41,662.92
27	Aequs Force Consumer Products Pvt Ltd Unit 1	Contract manufacturer of Toys	250,259.81
28	Aequs Force Consumer Products Pvt Ltd Unit 2		4,010.48
29	Skyways SLS Logistik Pvt Ltd	Warehousing and Logistics services	2,000.00
30	Supply Technology India Pvt Ltd	Stockist and distributor for aerospace components / parts	4,260.00
31	BIKAR Metals India Pvt Ltd	Raw material Stockist and distributor for aerospace components / parts	41,366.42
32	VSL Tooling Solutions	Precision machining for oil and gas, mining, engineering and construction	18,592.85
33	Savance		7,178.00

ANNEXURE 3

CSR Activity During the period of October 2024 to March 2025.

Activity	Amount in Rs.
Mobile Science Labs - Two	15,00,000.00
Science Fair	5,00,000.00
After School Centres	4,00,000.00
Yuvacharya- B.Ed Student Training	4,00,000.00
Ignite- Carreer orientation	3,00,000.00
<i>NMMS</i> Training	3,00,000.00
<i>Total</i>	34,00,000.00

ANNEXURE 4



Installation of Solar Panel On AEPPL and FMS Roof Top

- Solar Installation on the roof top covering area of **20,255 sq.mts.**
- Which will Generate a clean Renewal Energy of **30,00,000 Kwh.**
- Will reduce the depends on Electricity of around 10% of the total consumption as per the data of **Fy2022-23.**



Regd.Office : Old No 1 A, New No 63 A, Akraharam Bharathiyar Street, Edappadi Road, Pallipalayam,
Nammakkal, Tamil Nadu -638008

Admn.Office : Bharat Insurance Building, 3rd Floor, 15-A Horniman Circle, Fort, Mumbai -400001
Tel : 22661531/22660264 . Email : contact@powergenesys.com

KAYAN/2024-25/ 004

29.11.2024

AEQUS INFRA NETWORK SERVICES PRIVATE LIMITED.

No. 437/A, Hattargi Village, Hukkeri Taluk,

Belagavi-591243

KARNATAKA

Dear Sir,

Sub: Work Completion Certificate for 2.4MWp SRTPV Project.

Ref: **2.4 MWp Solar Project against the Agreement and the Certificate No:INKA70273609063515W**

With reference to the above subject, the Supply, Installation and Commissioning of
2.0MW/2.4MWp SRTPV system has been completed and below are the equipment details:

LT Side Works

Sl. No.		AEPPL Building	FMS Building
	Solar PV module		
1	Make & Type of Module	Canadian Solar, Mono Crystalline	Canadian Solar, Mono Crystalline
2	Capacity of each module	610 Wp	610 Wp
3	No. of Modules	2908 Nos	1018 Nos
	Inverter		
5	Make and Model	Sungrow and SG320HX	Sungrow and SG320HX
6	Capacity	295 KVA @ 50° C	295 KVA @ 50° C
7	No. of Inverters	5 Nos	2 Nos
	Cables AC & DC		
8	Make	Polycab	Polycab
9	Size AC	3.5C x 185sqmm Al. Arm cable	3.5C x 120sqmm Al. Arm cable
10	Size DC	Single core 6 sqmm Copper	Single core 6 sqmm Copper
	AC Distribution box		
11	Make	Alnico Electric Pvt. Ltd.	Alnico Electric Pvt. Ltd.
12	Sl. No.	ALNC002760824/1 (5 in 1 out)	ALNC002760824/2 (2 in 1 out)

13	MCB / MCCB quantity & capacity	O/C- 1500A (01Nos), I/G- 250A (5 Nos)	O/C- 500A (01Nos), I/G- 250A (2 Nos)
14	Safety Approval from Electrical Inspectorate by CEIG	28 th Nov 2024	28 th Nov 2024

HT Side Works

Sl. No.	Equipment Details	Qty	Status
1	Supply and Installation of 11KV HT VCB Panel 1250 Amp at AEPPL and FMS Unit	2	Completed
2	Supply, Installation and Commissioning of 1500 KVA Inverter Duty Type, Step Up Transformer at AEPPL Unit Voltage Level: 800 V to 11KV	1	Completed
3	Supply Installation and Commissioning of 500 KVA Inverter Duty Type, Step Up Transformer at FMS Units Voltage Level: 800 V to 11KV	1	Completed
4	Supply Installation and Commissioning of 11kv HT MCS - STD OUTDOOR TYPE at AEPPL and FMS Unit	2	Completed
5	Supply and Laying of 11KV HT Cable 3C X185 Sq.mm Cable for FMS Substation for Power Evacuation at AEPPL Unit	Lot	Completed
6	Supply and Laying of 11KV HT Cable 3C X120 Sq.mm Cable for AMS Substation for Power Evacuation at FMS Unit	Lot	Completed

It is certified that, SRPTV system has been installed and commissioned as per Safety standards and defined scope of work.

For Kayan Solar LLP

SUBRAMANIA
M ARUMUGAM

Digitally signed by
SUBRAMANIAM ARUMUGAM
Date: 2025.01.16 15:03:43
+05'30'

Authorized Signatory

ANNEXURE 5



**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)

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.

- Master Register.
- 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.



**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)

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 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 what so ever to the continuation or renewal of this consent after expiry of the validity of consent.



**Consent For Operation
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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**

Industry Colour: RED

Industry Scale: LARGE

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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 ₄ -N (mg/l)	Not more than 5
02.	BOD ₅ 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 Act, 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 CFE 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 ³ /day NM ³ /Hr.	Constituents to be controlled in the emission	Tolerance limits mg/NM ³	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 1 below	-	NO _x * NMHC** PM *** CO ****	710 100 75 150	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 1 below	-	NO _x * NMHC** PM *** CO ****	710 100 75 150	Individual Chimney height as per Col. (3) and acoustic measures.	At all times	-

Note: ARL – Above Roof Level

* (as NO₂) (at 15% O₂) dry basis in ppmv

** (as C) (at 15% O₂), mg/Nm³

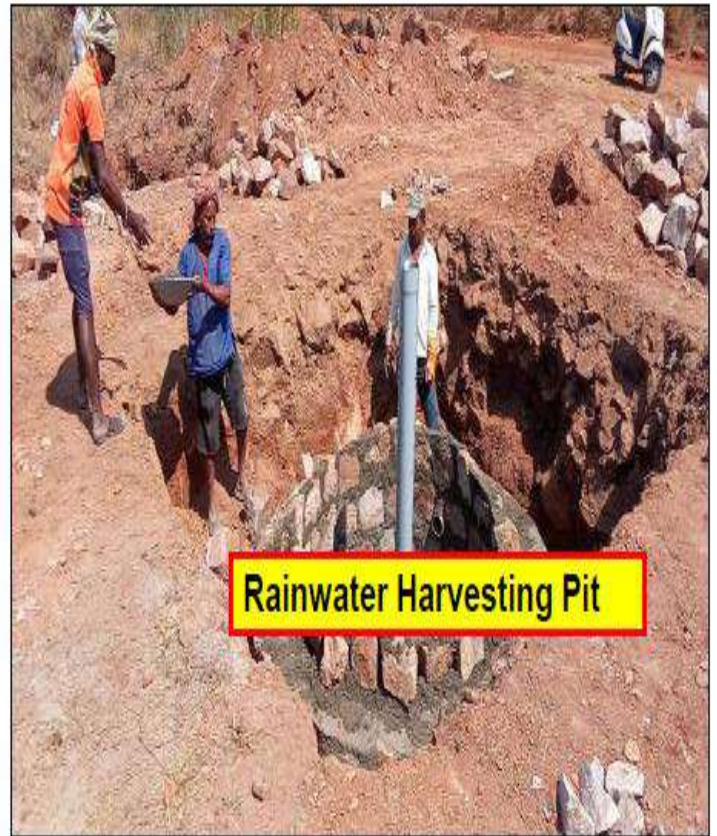
*** (at 15% O₂), mg/Nm³

**** (at 15% O₂), mg/Nm³

The noise levels shall not exceed 65 dB (A) leq. and 55 dB(A) leq. 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.

ANNEXURE 6



ANNEXURE 7



Biogas digester Specification

- Total Investment Cost 13.5 lacs.
 - L X W (mm) 500 X 500 which include mounted sink of approx. 1 meter where the gas is been stored in it.
-
- The food waste is segregated (pre-cooked and post-cooked) which in the biogas-digester.
 - Around 106 commercial LPG gas cylinder saved.
 - On an average around 21000 Rs cost saving Monthly.

Date	Start Reading	End Reading	1042 Gas	Waste food
20/4/25	21004.3	21017.6	13.3 m ³	7 kg
21/4/25	21017.6	21041.0	23.4 m ³	27 kg
22/4/25	21041.0	21049.9	8.9 m ³	33 kg
23/4/25	21049.9	21065.1	15.2 m ³	37 kg
24/4/25	21065.1	21075.7	10.6 m ³	38 kg
25/4/25	21075.7	21094.6	18.9 m ³	30 kg
26/4/25	21094.6	21106.6	12 m ³	29 kg
27/4/25	21106.6	21117.7	11.1 m ³	20 kg
28/4/25	21117.7	21130.4	12.7 m ³	26 kg
29/4/25	21130.4	21135.2	4.8 m ³	30 kg
30/4/25	21135.2	21178.3	43.1 m ³	20 kg
Total =			345.8 m ³	Total = 860 kg
01/05/25	Hodi day			
02/5/25	21178.3	21200.2	21.9 m ³	27 kg
03/5/25	21200.2	21224.6	24.4 m ³	33 kg
04/5/25	21224.6	21232.8	8.2 m ³	10 kg
05/5/25	21232.8	21249.3	16.5 m ³	23 kg
6/5/25	21249.3	21255.2	5.9 m ³	38 kg
7/5/25	21255.2	21275.7	20.5 m ³	24 kg
8/5/25	21275.7	21289.7	14 m ³	32 kg

Date	Start Reading	End Reading	Total Gas	Waste food
9/5/25	21289.7	21311.7	22 m ³	30 kg
10/5/25	21311.7	21324.3	12.6 m ³	34 kg
11/5/25	21324.3	21334.0	9.7 m ³	
12/5/25	21334.0			

Date	Start Reading	End Reading	Animal Gas	Weight
13/03/25	20710.3	20732.0	21.7 m ³	31 kg
14/03/25	Holly day			
15/03/25	20732.0	20748.1	16.1 m ³	24 kg
16/03/25	20748.1	20759.0	10.9 m ³	5 kg
17/03/25	20759.0	20759.4	0.4 m ³	32 kg
18/03/25	20759.4	20765.6	6.2 m ³	35 kg
19/03/25	20765.6	20772.7	7.1 m ³	33 kg
20/03/25	20772.7	20779.0	6.3 m ³	32 kg
21/03/25	20779.0	20786.5	7.5 m ³	31 kg
22/03/25	20786.5	20793.1	6.6 m ³	36 kg
23/03/25	20793.1	20796.4	3.3 m ³	15 kg
24/03/25	20796.4	20802.0	5.6 m ³	30 kg
25/03/25	20802.0	20805.5	3.5 m ³	35 kg
26/03/25	20805.5	20812.5	7 m ³	33 kg
27/03/25	20812.5	20818.5	6 m ³	28 kg
28/03/25	20818.5	20819.8	1.3 m ³	26 kg
29/03/25	20819.8	20825.7	5.9 m ³	35 kg
30/03/25	20825.7	20828.5	2.8 m ³	3 kg
31/03/25	20828.5	20832.5	4 m ³	28 kg
Total			= 231.9 m ³	Total = 735

1/04/25	20832.5	20836.4	3.9 m ³	27 kg
02/04/25	20836.4	20841.4	5 m ³	35 kg
03/04/25	20841.4	20859.4	18 m ³	30 kg
04/04/25	20859.4	20873.6	14.2 m ³	32 kg
05/04/25	20873.6	20890.6	17 m ³	34 kg
06/04/25	20890.6	20891.5	0.9 m ³	11 kg
07/04/25	20891.5	20891.5	0 m ³	20 kg
08/04/25	20891.5	20895.5	4 m ³	25 kg
09/04/25	20895.5	20902.1	6.6 m ³	33 kg
10/04/25	20902.1	20903.2	1.1 m ³	30 kg
11/04/25	20903.2	20903.3	0.1 m ³	28 kg
12/04/25	20903.3	20903.8	0.5 m ³	37 kg
13/04/25	20903.8	20908.0	4.2 m ³	12 kg
14/04/25	20908.0	20908.5	0.5 m ³	27 kg
15/04/25	20908.5	20921.6	13.1 m ³	40 kg
16/04/25	20921.6	20941.0	19.4 m ³	36 kg
17/04/25	20941.0	20959.9	18.9 m ³	35 kg
18/04/25	20959.9	20979.7	19.8 m ³	29 kg
19/04/25	20979.7	21004.3	24.6 m ³	40 kg

Date	Start Reading	End Reading	Total Gas	Waste Food
05/02/25	20290.1	20504.4	14.3 m ³	35 kg
06/02/25	20504.4	20317.6	13.2 m ³	36 kg
07/02/25	20317.6	20333.2	15.6 m ³	24 kg
08/02/25	20333.2	20344.2	11 m ³	30 kg
09/02/25	20344.2	20355.1	10.9 m ³	8 kg
10/02/25	20355.1	20366.3	11.2 m ³	23 kg
11/02/25	20366.3	20376.9	10.6 m ³	36 kg
12/02/25	20376.9	20388.7	11.8 m ³	34 kg
13/02/25	20388.7	20400.4	11.7 m ³	35 kg
14/02/25	20400.4	20416.6	16.2 m ³	24 kg
15/02/25	20416.6	20428.3	11.7 m ³	30 kg
16/02/25	20428.3	20442.4	14.1 m ³	10 kg
17/02/25	20442.4	20464.8	22.4 m ³	24 kg
18/02/25	20464.8	20483.0	18.2 m ³	37 kg
19/02/25	20483.0	20496.7	13.7 m ³	38 kg
20/02/25	20496.7	20511.2	14.5 m ³	40 kg
21/02/25	20511.2	20527.1	15.9 m ³	25 kg
22/02/25	20527.1	20543.3	16.2 m ³	26 kg
23/02/25	20543.3	20555.1	11.8 m ³	8 kg

Date	Start Reading	End Reading	Total Gas	Waste Food
24/02/2025	20555.1	20562.2	7.1 m ³	24 kg
25/02/2025	20562.2	20573.9	11.7 m ³	38 kg
26/02/2025	20573.9	20575.1	1.2 m ³	25 kg
27/02/2025	20575.1	20588.3	13.2 m ³	36 kg
28/02/2025	20588.3	20600.6	12.3 m ³	32 kg
February - 2025				
01/02/2025	Total Gas		= 362.9 m ³	
01/03/2025	Total waste food		= 773 kg	
01/03/2025	20600.6	20611.4	10.8 m ³	28 kg
02/03/2025	20611.4	20628.8	17.4 m ³	7 kg
03/03/2025	20628.8	20641.9	13.1 m ³	25 kg
04/03/2025	20641.9	20651.7	9.8 m ³	27 kg
05/03/2025	20651.7	20659.8	8.1 m ³	32 kg
06/03/2025	20659.8	20670.2	10.4 m ³	31 kg
07/03/2025	20670.2	20671.1	0.9 m ³	28 kg
08/03/2025	20671.1	20679.4	8.3 m ³	27 kg
09/03/2025	20679.4	20695.4	16 m ³	8 kg
10/03/2025	20695.4	20703.3	7.9 m ³	25 kg
11/03/2025	20703.3	20703.3	0.0	30 kg
12/03/2025	20703.3	20710.3	7 m ³	33 kg

date	Start Reading	End Reading	Total Gas	Waste found
30/12/24	19809.9	19821.2	11.3 m ³	31 kg
31/12/24	19821.2	19833.9	12.7 m ³	34 kg
01/01/25	19833.9	19849.6	15.7 m ³	20 kg
02/01/25	19849.6	19860.6	11 m ³	24 kg
03/01/25	19860.6	19873.8	13.2 m ³	26 kg
04/01/25	19873.8	19890.0	16.2 m ³	28 kg
05/01/25	19890.0	19901.5	11.5 m ³	28 kg 27 kg
06/01/25	19901.5	19913.3	11.8 m ³	28 kg
07/01/25	19913.3	19922.0	8.7 m ³	30 kg
08/01/25	19922.0	19931.3	9.3 m ³	32 kg
09/01/25	19931.3	19948.2	16.9 m ³	35 kg
10/01/25	19948.2	19962.4	14.2 m ³	29 kg
11/01/25	19962.4	19979.9	17.5 m ³	32 kg
12/01/25	19979.9	19993.0	13.1 m ³	13 kg
13/01/25	19993.0	20010.8	17.8 m ³	23 kg
14/01/25	Holly Day			—
15/01/25	20010.8	20020.3	9.5 m ³	27 kg
16/01/25	20020.3	20031.0	10.7 m ³	34 kg

date	Start Reading	End Reading	Total Gas	Waste found
17/01/25	20031.0	20046.3	15.3 m ³	22 kg
18/01/25	20046.3	20065.4	19.1 m ³	29 kg
19/01/25	20065.4	20075.6	10.2 m ³	9 kg
20/01/25	20075.6	20086.1	10.5 m ³	21 kg
21/01/25	20086.1	20098.4	12.3 m ³	36 kg
22/01/25	20098.4	20113.4	15 m ³	33 kg
23/01/25	20113.4	20126.8	13.4 m ³	35 kg
24/01/25	20126.8	20145.3	18.5 m ³	30 kg
25/01/25	20145.3	20168.9	23.6 m ³	34 kg
26/01/25	Holly day			—
27/01/25	20168.9	20179.5	10.6 m ³	28 kg
28/01/25	20179.5	20195.2	15.7 m ³	31 kg
29/01/25	20195.2	20206.6	11.4 m ³	33 kg
30/01/25	20206.6	20224.3	17.7 m ³	28 kg
31/01/25	20224.3	20237.7	13.4 m ³	27 kg
01/02/25	20237.7	20252.2	14.5 m ³	28 kg
02/02/25	20252.2	20264.4	12.2 m ³	9 kg
03/02/25	20264.4	20277.5	13.1 m ³	26 kg
04/02/25	20277.5	20290.1	12.6 m ³	32 kg

date	Start Reading	End Reading	Total Gas	Waste food
22/11/24	19329.7	19338.1	8.9 m ³	36 kg
23/11/24	19338.1	19353.4	15.3 m ³	35 kg
24/11/24	19353.4	19378.5	25.1 m ³	8 kg
25/11/24	19378.5	19385.7	7.2 m ³	25 kg
26/11/24	19385.7	19408.4	22.7 m ³	41 kg
27/11/24	19408.4	19425.8	17.4 m ³	36 kg
28/11/24	19425.8	19441.0	15.2 m ³	38 kg
29/11/24	19441.0	19459.3	18.3 m ³	33 kg
30/11/24	19459.3	19479.9	20.6 m ³	36 kg
01/12/24	19479.9	19491.7	11.8 m ³	8 kg
02/12/24	19491.7	19505.2	13.5 m ³	31 kg
03/12/24	19505.2	19522.4	17.2 m ³	30 kg
04/12/24	19522.4	19534.2	11.8 m ³	35 kg
05/12/24	19534.2	19550.4	16.2 m ³	36 kg
06/12/24	19550.4	19560.2	9.8 m ³	34 kg
07/12/24	19560.2	19575.1	14.9 m ³	35 kg
08/12/24	19575.1	19585.7	10.6 m ³	15 kg
09/12/24	19585.7	19598.2	12.5 m ³	31 kg
10/12/24	19598.2	19620.3	22.1 m ³	30 kg

date	Start Reading	End Reading	Total Gas	Waste food
11/12/24	19620.3	19629.3	9.1 m ³	35 kg
12/12/24	19629.3	19635.3	5.8 m ³	38 kg
13/12/24	19635.3	19647.4	12.1 m ³	31 kg
14/12/24	19647.4	19651.8	4.4 m ³	33 kg
15/12/24	19651.8	19654.9	3.1 m ³	6 kg
16/12/24	19654.9	19666.2	11.3 m ³	28 kg
17/12/24	—	pipe leaking problem		35 kg
18/12/24	—	pipe leaking problem		34 kg
19/12/24	19666.2	19672.5	1.9 m ³	36 kg
20/12/24	19668.1	19691.4	4.5 m ³	32 kg
21/12/24	19672.5	19705.9	18.4 m ³	35 kg
22/12/24	19691.4	19725.0	14.7 m ³	8 kg
23/12/24	19705.9	19739.7	19.1 m ³	27 kg
24/12/24	19725.0	19755.3	14.7 m ³	34 kg
25/12/24	19725.0	19773.9	15.6 m ³	30 kg
26/12/24	19739.0	19791.8	18.6 m ³	36 kg
27/12/24	19773.9	19803.5	17.9 m ³	31 kg
28/12/24	19791.8	19787.5	11.7 m ³	32 kg
29/12/24	19803.5	19809.9	6.4 m ³	7 kg

date	Start Reading	End Reading	Total Gas	Waste food
13/10/24	18774.5	18787.0	12.7 m ³	22 10 kg
15/10/24	18787.0	18827.6	40.6 m ³	34 kg
17/10/24	18827.6	18846.6	19 m ³	30 kg
18/10/24	18846.6	18861.1	14.5 m ³	31 kg
19/10/24	18861.9	18876.6	15.5 m ³	32 kg
20/10/24	18876.6	18889.2	12.6 m ³	30 kg
21/10/24	18889.2	18899.6	10.4 m ³	35 kg
22/10/24	18899.5	18915.8	16.2 m ³	31 kg
23/10/24	18915.8	18931.9	16.1 m ³	30 kg
24/10/24	18931.9	18953.8	21.9 m ³	29 kg
25/10/24	18953.8	18966.8	13 m ³	35 kg
26/10/24	18966.8	18987.8	21.0 m ³	36 kg
27/10/24	18987.8	19002.9 18998	15.1 m ³	31 kg
28/10/24	19002.9	19021.4	18.5 m ³	30 kg
29/10/24	19021.4	19024.3	2.9 m ³	31 kg
30/10/24	19024.3	19028.9	4.6 m ³	30 kg
31/10/24	19028.9	19043.7	14.8 m ³	31 kg
1/11/24	5 days of 24 hrs waste & 24 hrs			
2/11/24	Dipawali Holiday			

date	Start Reading	End Reading	Total Gas	Waste food
03/11/24	19043.7	19055.6	11.9 m ³	01 kg 01 1 kg
04/11/24	19055.6	19067.9	12.3 m ³	10.4 kg 1 kg
05/11/24	19067.9	19083.3	15.4 m ³	35 kg
06/11/24	19083.3	19098.5	13.2 m ³	34 kg
07/11/24	19098.5	19112.9	16.4 m ³	38 40 kg
08/11/24	19112.9	19127.2	14.3 m ³	37 kg
09/11/24	19127.2	19143.3	16.1 m ³	35 kg
10/11/24	19143.3	19154.4	11.1 m ³	6 kg
11/11/24	19154.4	19175.5	21.1 m ³	32 kg
12/11/24	19175.5	19193.8	18.3 m ³	37 kg
13/11/24	19193.8	19205.9	12.1 m ³	37 kg
14/11/24	19205.9	19225.2	19.3 m ³	42 kg
15/11/24	19225.2	19241.8	16.6 m ³	26 kg
16/11/24	19241.8	19260.4	18.6 m ³	36 kg
17/11/24	19260.4	19274.1	13.7 m ³	6 kg
18/11/24	19274.1	19294.7	20.6 m ³	33 kg
19/11/24	19294.7	19307.3	12.6 m ³	38 kg
20/11/24	19307.3	19318.2	10.9 m ³	34 kg
21/11/24	19318.2	19329.2	11 m ³	40 kg

date	Start Reading	End Reading	Total Gas	Waste food
24/07/24	18552.8	18548.8	11 m ³	42 kg
25/09/24	18548.8	18565.2	16.4 m ³	40 kg
26/09/24	18565.2	18574.2	8.8 m ³	35 kg
27/09/24	18574.2	18597.3	23.1 m ³	32 kg
28/09/24	18597.3	18611.6	14.3 m ³	37 kg
29/09/24	18611.6	18618.5	6.9 m ³	29 kg
30/07/24	18618.5	18619.8	1.1 m ³	36 kg
01/10/24	18619.8	18630.5	10.9 m ³	35 kg
02/10/24	18630.5	18644.2	13.7 m ³	0 kg
03/10/24	18644.2	18656.3	12.1 m ³	33 kg
04/10/24	18656.3	18675.3	19 m ³	31 kg
05/10/24	18675.3	18689.4	14.1 m ³	36 kg
06/10/24	18689.4	18697.5	8.1 m ³	10 kg
07/10/24	18697.5	18714.8	17.3 m ³	34 kg
08/10/24	18714.8	18727.3	12.5	40 kg
09/10/24	18727.3	18738.1	10.8 m ³	36 kg
10/10/24	18738.1	18750.9	12.8 m ³	36 kg
11/10/24	18750.9	18759.2	8.3 m ³	0 kg
12/10/24	18759.2	18774.3	15.1 m ³	12 kg

date	Start Reading	End Reading	Total Gas	Waste food
				42 kg
				40 kg
				41 kg
				38 kg
			8385	36 kg
				15 kg
				32 kg
October - 2024				
01/10/2024	Total Gas		384 m ³	35 kg
01/11/2024	Total waste food		1220 kg	—
				33 kg

November - 2024				
01/11/2024	Total Gas		310 kg	31 kg
01/12/2024	Total waste food		840 kg	36 kg

January - 2025				
01/01/2025	Total Gas		385 m ³	10 kg
31/01/2025	Total waste food		1260 kg	34 kg

				40 kg
				38 kg
				36 kg
				—
				12 kg

date	Start Reading	End Reading	Total Gas	Waste food
05/09/24	18280.5	18291.3	10.8 m ³	31 kg
06/09/24	18291.3	18306.5	15.2 m ³	30 kg
07/09/24	Ganesh Chaturthi holiday			—
08/09/24	18306.5	18329.8	23.3 m ³	10 kg
09/09/24	18329.8	18343.2	13.4 m ³	29 kg
10/09/24	18343.2	18367.9	24.7 m ³	30 kg
11/09/24	18367.9	18390.7	22.8 m ³	32 kg
12/09/24	18390.7	18411.0	20.3 m ³	31 kg
13/09/24	18411.0	18416.9	5.9 m ³	29 kg
14/09/24	18416.9	18437.9	21 m ³	30 kg
15/09/24	18437.9	18453.5	15.6 m ³	16 kg
16/09/24	18453.5	18462	8.5 m ³	33 kg
17/09/24	18462	18463.6	1.6 m ³	35 kg
18/09/24	18463.6	18487.0	24.1 m ³	34 kg
19/09/24	18487.0	18502.2	15.2 m ³	40 kg
20/09/24	18502.2	18514.3	12.1 m ³	32 kg
21/09/24	18514.3	18515.4	1.1 m ³	34 kg
22/09/24	18515.4	18524.2	8.8 m ³	15 kg
23/09/24	18524.2	18537.8	13.6 m ³	33 kg
24/09/24	18537.8			
date	Start Reading	End Reading	Total Gas	Waste food
17/8/24	18029.8	18037.2	7.4 m ³	10 kg
18/8/24	18037.2	18040.5	3.3 m ³	30 kg
19/8/24	18040.5	18049.9	9.4 m ³	30 kg
20/08/2024	18049.9	18075.7	25.8 m ³	35 kg
21/08/24	18075.7	18094.6	18.9 m ³	30 kg
22/8/24	18094.6	18113.2	19 m ³	34 kg
23/08/24	18113.2	18139.4	26.2 m ³	33 kg
24/08/24	18139.4	18147.3	7.9 m ³	38 kg
25/08/24	18147.3	18159.7	12.4 m ³	31 kg
26/08/24	18159.7	18177.0	17.3 m ³	35 kg
27/08/24	18177.0	18182.4	5.4 m ³	39 kg
28/08/24	18182.4	18194.1	11.7 m ³	35 kg
29/08/24	18194.1	18210.5	16.4 m ³	34 kg
30/08/24	18210.5	18228.9	18.4 m ³	36 kg
01/09/24	18228.9	18241.3	12.4 m ³	10 kg
02/09/24	18241.3	18257.6	16.3 m ³	35 kg
03/09/24	18257.6	18268.2	10.6 m ³	35 kg
04/09/24	18268.2	18280.5	12.3 m ³	34 kg

Date	Start Reading	End Reading	Total Gas	Waste food
09/07/24	17529.4	17545.3	15.9m ³	40 kg
10/07/24	17545.3	17541.5	3.8m ³	42 kg
11/07/24	17541.5	17557.1	15.6m ³	39 kg
12/07/24	17557.1	17574.4	35.3m ³	35 kg
13/07/24	17574.4	17592.4	18 m ³	37 kg
14/07/24	17592.4	17602.4	10 m ³	10 kg
15/07/24	17602.4	17609.7	7m ³	30 kg
16/07/24	17609.7	17615.9	6.2m ³	45 kg
17/07/24	17615.9	17631.4	15.5m ³	30 kg
18/07/24	17631.4	17646.3	14.6m ³	33 kg
19/07/24	17646.3	17659.7	13.4m ³	30 kg
20/07/24	17659.7	17672.5	12.8m ³	34 kg
21/07	17672.5	17682.1	9.6m ³	9 kg
22/07	17682.1	17691.7	9.6m ³	31 kg
23/07/24	17691.7	17701.3	9.3m ³	35 kg
	17701.3	17711.1	10.1m ³	34 kg
25/07/24	17711.1	17723.7	12.6m ³	36 kg
26/07	17723.7	17742.1	18.4m ³	32 kg

Date	Start Reading	End Reading	Total Gas	Waste food
28/07/24	17751.5	17768.9	17.4m ³	11 kg
29/07/24	17768.9	17775.4	6.5m ³	33 kg
30/07/24	17775.4	17793.8	18.4m ³	34 kg
31/07/24	17793.8	17806.4	12.6m ³	35 kg
01/08/24	17806.4	17816.3	9.9m ³	32 kg
02/08/24	17816.3	17826.7	10.4m ³	30 kg
03/08/24	17826.7	17840.1	13.4m ³	31 kg
04/08/24	17840.1	17858.1	18.6m ³	10 kg
05/08/24	17858.1	17875.0	16m ³	33 kg
06/08/24	17875.0	17898.6	23.9m ³	40 kg
07/08/24	17898.6	17904.9	6.3m ³	37 kg
08/08/24	17904.9	17918.5	13.6m ³	36 kg
09/08/24	17918.5	17934.4	15.9m ³	35 kg
10/08/24	17934.4	17951.9	17.4m ³	32 kg
11/08/24	17951.9	17966.4	14.6m ³	10 kg
12/08/24	17966.4	17973.1	6.7m ³	30 kg
13/08/24	17973.1	17985.5	12.4m ³	39 kg
14/08/24	17985.5	18009.1	23.6m ³	33 kg
16/08/24	18009.1	18023.5	14.4m ³	30 kg

ANNEXURE 8



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: PCB/1186/CKD/2015/6/BMW Dt-22/8/2016
2. Dr. Praveenkumar Naik an occupier or operator of the facility located at M/s Aequs SEZ Occupational Health Centre, No. 437/A, Hattargi, 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 Aequs SEZ Occupational Health Centre, No. 437/A, Hattargi, Tq: Hukkeri, Dist: Belagavi is hereby authorized for handling of biomedical waste as per the capacity given below;

- i. Number of beds of HCF: Nil
- ii. Number healthcare facilities covered by CBMWTF: 1026
- iii. Installed treatment and disposal capacity: 1021 Kg per day
- iv. Area or distance covered by CBMWTF: Chikkodi, Hukkeri, Raibag, Athani & Gokak.
- v. 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

4. This authorization shall be valid until it is withdrawn/revoked.
5. 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).

M. N. S. 22/8/2016

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

e-mail : belgaum2@kspcb.gov.in <http://kspcb.kar.nic.in>

Avoid Use of Plastics BE 'ECO' friendly

"ಪ್ಲಾಸ್ಟಿಕ್ ಬಳಕೆ ನಿಲ್ಲಿಸಿ, ಪರಿಸರ ಹಾನಿ ತಪ್ಪಿಸಿ"

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 31st 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 liable 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. 22/8/2016

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

ANNEXURE 9

MONTH		JANUARY-2025					YEAR	2025
SLNO	DATE	YELLOW (KG)	RED (KG)	BLUE (KG)	WHITE (KG)	TOTAL (KG)	SIGNATURE (HOSPITAL)	SIGNATURE (PROGREEN)
1.	01/01/25	100gm	150gm	50gm		300gm	<i>[Signature]</i>	
2.	03/01/25	100gm	150gm	50gm	500ml	300gm	<i>[Signature]</i>	
3.	06/01/25	100gm	150gm	50gm		300gm	<i>[Signature]</i>	Prem
4.	08/1/25	100gm	150gm	50gm		300gm	<i>[Signature]</i>	
5.	10/1/25	100gm	150gm	50gm	500ml	300gm	<i>[Signature]</i>	
7.	11/1/25	110gm	150gm	50gm		310gm	<i>[Signature]</i>	
8.	13/1/25	100gm	150gm	60gm		310gm	<i>[Signature]</i>	
9.	15/1/25	100gm	150gm	60gm		310gm	<i>[Signature]</i>	
10.	17/1/25	110gm	140gm	60gm	500ml	310	<i>[Signature]</i>	
11.	18/1/25	100	150	60gm		310	<i>[Signature]</i>	
12.	20/1/25	110	140	50gm		300	<i>[Signature]</i>	
13.	22/1/25	100	150	50		300	<i>[Signature]</i>	
14.	24/1/25	100	180	50		300	<i>[Signature]</i>	
15.	25/1/25	110	150	60	500ml	320	<i>[Signature]</i>	
16.	27/1/25	100	150	50		300	<i>[Signature]</i>	
17.	28/1/25	100	150	50		300	<i>[Signature]</i>	
18.	31/1/25	110	140	60		310	<i>[Signature]</i>	
		1750	2520	950		5180gm		
				2440				

MONTH		FEBRUARY - 2025					YEAR	2025
SLNO	DATE	YELLOW (KG)	RED (KG)	BLUE (KG)	WHITE (KG)	TOTAL (KG)	SIGNATURE (HOSPITAL)	SIGNATURE (RIOGREEN)
1	01/2/25	100gm	150gm	50gm		300gm	JK	
2	2/2/25	110gm	150gm	50gm	500gm	310gm	JK	
3	05/2/25	110gm	150gm	50gm		310gm	JK	PREM
4	7/2/25	110gm	150	40gm		300gm	JK	
5	8/2/25	100gm	150gm	50gm		300gm	JK	
6	10/2/25	100gm	150gm	50gm	500gm	300gm	JK	
7	14/2/25	110gm	150gm	50gm		310gm	JK	
8	14/2/25	100gm	150gm	50gm		300gm	JK	
9	15/2/25	100	140gm	60gm		300gm	JK	
10	17/2/25	100	140	60gm		300gm	JK	
11	19/2/25	100	140	60gm		300gm	JK	
12	21/2/25	100	140	60gm		300gm	JK	
13	22/2/25	100	150	60		310gm	JK	
14	24/2/25	100	150	60		310gm	JK	
15	25/2/25	100	150	50		300gm	JK	
16	28/2/25	100	150	50		300gm	JK	
		1,640	2,360	850	1,000	4,850		

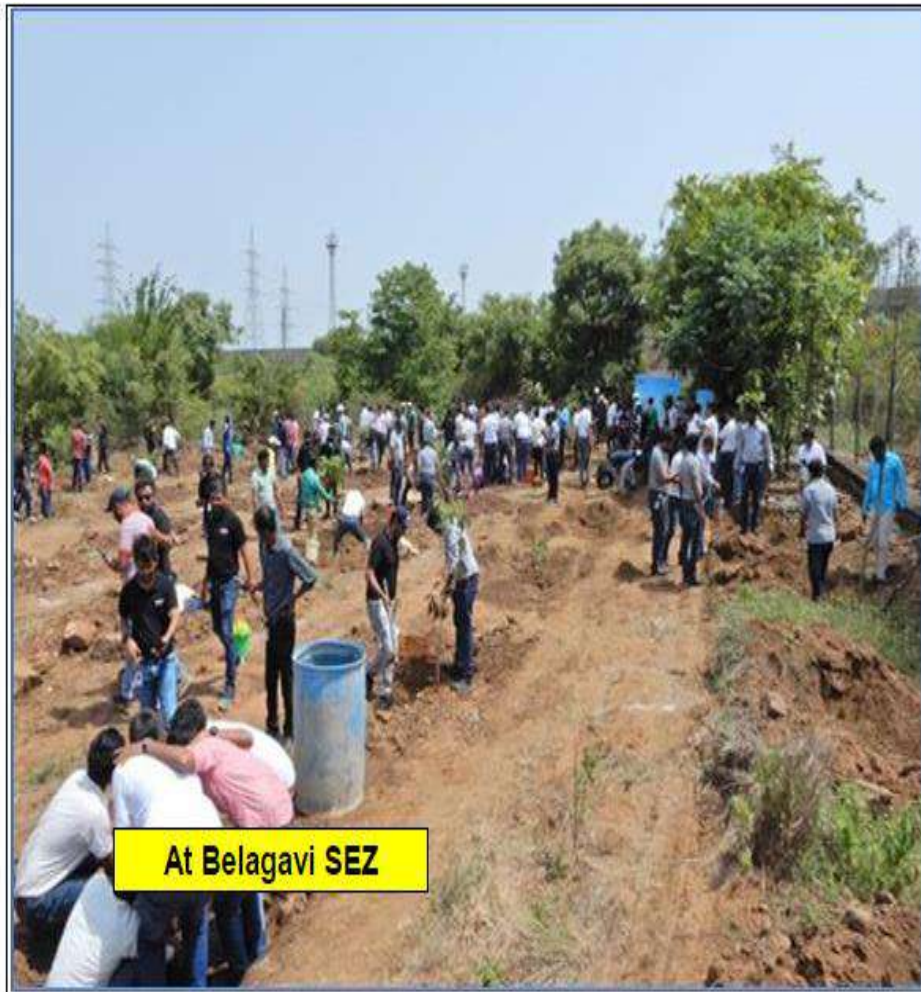
MONTH		October					YEAR	2024
SLNO	DATE	YELLOW (KG)	RED (KG)	BLUE (KG)	WHITE (KG)	TOTAL (KG)	SIGNATURE (HOSPITAL)	SIGNATURE (RIGREEN)
07	1/10/24	80	100	50	1.5 liter	230		PREM
08	3/10/24	100	120	80		300		PREM
31	5/10/24	80	100	50		230		PREM
④	7/10/24	90	100	80		270		PREM
⑤	9/10/24	90	120	60		270		PREM
6	10/10/24	50	80	30		160		PREM
71	12/10/24	50	80	50		180		PREM
8	14/10/24	60	80	40		180		PREM
91	16/10/24	80	120	60	1.5 liter	260		PREM
10	18/10/24	80	120	60		260		PREM
11)	19/10/24	80	100	50		230		PREM
12)	21/10/24	80	100	50		230		PREM
13	23/10/24	100	120	60		280		PREM
14	25/10/24	100	120	60		280		PREM
15	26/10/24	80	100	50		230		PREM
16	28/10/24	100	120	60		280		PREM
17	30/10/24	80	120	60		260		PREM
		1380	1800	950	3 liter	4130		

MONTH		November					YEAR	2024
SLNO	DATE	YELLOW (KG)	RED (KG)	BLUE (KG)	WHITE (KG)	TOTAL (KG)	SIGNATURE (HOSPITAL)	SIGNATURE (RUGREEN)
17	2/11/24	120	150	80	1.5 liter	350	@	PREM
27	4/11/24	100	120	60		280	@	PREM
37	6/11/24	100	120	60		280	@	PREM
47	8/11/24	100	100	60		260	@	PREM
5	9/11/24	80	100	50		230	@	PREM
67	11/11/24	80	110	60		250	Z	PREM
7	13/11/24	100	120	60		280	@	PREM
87	15/11/24	100	120	60		280	@	PREM
9	16/11/24	80	110	50		240	@	PREM
10	18/11/24	100	120	60		280	Z	PREM
11	20/11/24	100	120	60	1.5 liter	280	@	PREM
12	22/11/24	80	100	50		230	@	PREM
13	23/11/24	80	100	50		230	@	PREM
14	25/11/24	100	120	60		280	@	PREM
15	27/11/24	100	120	60		280	Z	PREM
16	29/11/24	80	100	50		230	@	PREM
17	30/11/24	80	120	50		250	@	PREM
		1580	1950	980	3 liter	4510		

MONTH		December					YEAR	2024
SLNO	DATE	YELLOW (KG)	RED (KG)	BLUE (KG)	WHITE (KG)	TOTAL (KG)	SIGNATURE (HOSPITAL)	SIGNATURE (RIGREEN)
01	2/12/24	100	150	50	1.5 litre	300	@	PREM
2)	4/12/24	100	120	50		270	@	PREM
3)	6/12/24	100	120	50		270	@	PREM
4	7/12/24	100	120	50		270	@	PREM
5	9/12/24	110	110	60		280	Z	PREM
6)	11/12/24	100	120	60		280	@	PREM
7)	13/12/24	100	120	60		280	@	PREM
8)	14/12/24	80	100	30		210	@	PREM
9)	16/12/24	100	110	60	1.5 litre	270	Z	PREM
10	18/12/24	100	120	60		280	@	PREM
11	20/12/24	110	150	60		320	@	PREM
12)	21/12/24	100	120	60		280	Z	PREM
13)	23/12/24	110	130	60		300	Z	PREM
14)	25/12/24	100	120	60		280	Z	PREM
15)	27/12/24	110	130	60		300	Z	PREM
16)	28/12/24	100	120	60		280	Z	PREM
17	30/12/24	110	120	60		290	Z	PREM
		1730	2080	950	3.0 litre	4760		

ANNEXURE 10

Plantation of 95 trees took place in the Campus of Belagavi-SEZ.



At Belagavi SEZ



ANNEXURE 11



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TEST REPORT

GPL/T/F/14

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF WASTE WATER

Date: 19-10-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sample collected by	Raju K S, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	10-10-2024
	Date of sample receipt	11-10-2024
	Particular of sample	Treated sewage sample collected from carbon filter outlet
	Date of commencement of analysis	14-10-2024
	Date of completion of analysis	17-10-2024
	Number of pages	1 of 1
	Sample number	GPL/2024/Oct/139
	Sample report number	GPL/2024/Oct/139
	ULR number	TC555124000002547F

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	pH	IS 3025:Part 11:2022	-	6.9	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	5.0	10
4	Non-Filterable Residue (Total Suspended Solids)	IS 3025:Part 17:2022	mg/l	13.9	20
5	Ammonical Nitrogen	IS 3025:Part 34:1988 (Reaffirmed:2019)	mg/l	3.8	5
6	Total Nitrogen	IS 3025:Part 34:1988 (Reaffirmed:2019)	mg/l	8.6	10
7	Fecal Coliform	APHA 24 th Edition 9221 E:2023	MPN/100 ml	70	<100
Inference		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/15

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT AIR

Date: 17-10-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sampling location	Near canteen area
	Sample collected by	Rohith M T, Field Technician
	Date of collection	10-10-2024
	Sampling procedure	As per respective test method
	Date of sample receipt	11-10-2024
	Particular	Ambient Air
	Date of commencement of analysis	14-10-2024
	Date of completion of analysis	17-10-2024
	Number of pages	1 of 1
	Sample number	GPL/2024/Oct/142
	Sample report number	GPL/2024/Oct/142
	ULR number	TC555124000002550F

Environmental conditions	
Ambient Temperature in °C	28
Humidity in %	51
Weather Condition	Clear sky
Wind Flow	Normal

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (size less than 10µm) or (PM ₁₀)	IS 5182:Part 23:2006 (Reaffirmed:2022)	µg/m ³	42.3	100
2	Sulphur Dioxide (SO ₂)	IS 5182:Part 2:2001 (Reaffirmed:2022)	µg/m ³	14.4	80
3	Nitrogen Dioxide (NO ₂)	IS 5182:Part 6:2006 (Reaffirmed:2022)	µg/m ³	17.0	80
Inference		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: 17-10-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sampling location	Near main gate area
	Sample collected by	Raju K S, Field Technician
	Date of collection	10-10-2024
	Sampling procedure	As per respective test method
	Date of sample receipt	11-10-2024
	Particular	Ambient Air
	Date of commencement of analysis	14-10-2024
	Date of completion of analysis	17-10-2024
	Number of pages	1 of 1
	Sample number	GPL/2024/Oct/143
	Sample report number	GPL/2024/Oct/143
	ULR number	TC555124000002551F

Environmental conditions	
Ambient Temperature in °C	28
Humidity in %	54
Weather Condition	Clear sky
Wind Flow	Normal

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (size less than 10µm) or (PM ₁₀)	IS 5182:Part 23:2006 (Reaffirmed:2022)	µg/m ³	51.4	100
2	Sulphur Dioxide (SO ₂)	IS 5182:Part 2:2001 (Reaffirmed:2022)	µg/m ³	17.9	80
3	Nitrogen Dioxide (NO ₂)	IS 5182:Part 6:2006 (Reaffirmed:2022)	µg/m ³	22.5	80
Inference		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/17

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT NOISE

Date: 16-10-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Monitoring done by	Rohith M T, Field Technician
	Sampling procedure	IS 9989:1981 (Reaffirmed:2020)
	Date of monitoring	09-10-2024
	Particular	Ambient Noise
	Date of sample receipt	10-10-2024
	Environmental condition	Normal
	Number of pages	1 of 1
	Sample number	GPL/2024/Oct/107
	Sample report number	GPL/2024/Oct/107
	ULR number	TC555124000002519F

Day Time Ambient Noise

Sl. No.	Sample Location	Duration	Test Method	Noise level in dB(A) Leq	Standard*
1	Near main gate area	09:10 AM- 09:15 AM	IS 9989:1981 (Reaffirmed:2020)	70.8	75 dB(A) Leq (6 AM-10 PM)
Inference		Conforms to prescribed standard			

Night Time Ambient Noise

Sl. No.	Sample Location	Duration	Test Method	Noise level in dB(A) Leq	Standard*
1	Near main gate area	10:30 PM- 10:35 PM	IS 9989:1981 (Reaffirmed:2020)	63.4	70 dB(A) Leq (10 PM-6 AM)
Inference		Conforms to prescribed standard			

Note: 1. * Limits 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: 16-10-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Monitoring done by	Raju K S, Field Technician
	Sampling procedure	IS 9989:1981 (Reaffirmed:2020)
	Date of monitoring	09-10-2024
	Particular	DG Noise
	Date of sample receipt	10-10-2024
	Environmental condition	Normal
	Number of pages	1 of 1
	Sample number	GPL/2024/Oct/106
	Sample report number	GPL/2024/Oct/106
	ULR number	TC555124000002518F

Day Time DG Noise

Sl. No.	Sample Locations	Duration	Test Method	Noise level in dB(A) Leq	Standard*
1	1065 KVA DG set - 1 at 0.5 Meter	09:20 AM-09:25 AM	IS 9989:1981 (Reaffirmed:2020)	73.6	75 dB(A) Leq (6 AM-10 PM)
2	1065 KVA DG set - 1 at 1.0 Meter	09:30 AM-09:35 AM		71.8	
3	1065 KVA DG set - 1 at 1.5 Meter	09:40 AM-09:45 AM		70.2	
Inference		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/13

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF WATER

Date: 19-10-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sample collected by	Rohith M T, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	10-10-2024
	Date of sample receipt	11-10-2024
	Particular of sample	Borewell water collected from RO inlet near RO unit
	Date of commencement of analysis	14-10-2024
	Date of completion of analysis	17-10-2024
	Number of pages	1 of 2
	Sample number	GPL/2024/Oct/141
	Sample report number	GPL/2024/Oct/141
	ULR number	TC555124000002549F

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	-	7.1	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	262	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	67.3	75	200
10	Chloramines as Cl ₂	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	55.4	250	1000

[Signature]

Continued....,

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TEST REPORT

GPL/T/F/13

Number of pages	2 of 2
Sample number	GPL/2024/Oct/141
Sample report number	GPL/2024/Oct/141
ULR number	TC555124000002549F

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 ₃	IS 3025:Part 34:1988 (Reaffirmed:2019)	mg/l	<0.02	45	No relaxation
18	Sulphate as SO ₄	IS 3025:Part 24: Sec 1:2022	mg/l	<0.1	200	400
19	Sulphide as H ₂ S	IS 3025:Part 29:2022	mg/l	<0.02	0.05	No relaxation
20	Total Alkalinity as CaCO ₃	IS 3025:Part 23:2023	mg/l	45.0	200	600
21	Total Hardness as CaCO ₃	IS 3025:Part 21:2009 (Reaffirmed:2019)	mg/l	94.0	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
Inference		Conforms to prescribed standards			

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


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 Muniraju G (Q.M.)

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TEST REPORT

GPL/T/F/13A

ANALYSIS REPORT OF WATER

Date: 21-10-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sample collected by	Rohith M T, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	10-10-2024
	Date of sample receipt	11-10-2024
	Particular of sample	Borewell water collected from RO inlet near RO unit
	Date of commencement of analysis	14-10-2024
	Date of completion of analysis	19-10-2024
	Number of pages	1 of 2
	Sample number	GPL/2024/Oct/141
	Sample report number	GPL/2024/Oct/141

Sl. No.	Parameter	Test Method	Unit	Result	Standard*	
					Acceptable Limit	Permissible Limit
1	Aluminum as Al	APHA 24 th 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 th Edition 3120 B:2023	mg/l	<0.03	0.7	No relaxation
4	Copper as Cu	APHA 24 th Edition 3120 B:2023	mg/l	<0.03	0.05	1.5
5	Manganese as Mn	APHA 24 th Edition 3120 B:2023	mg/l	<0.03	0.1	0.3
6	Phenolic Compounds as C ₆ H ₅ 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	<0.005	0.01	No relaxation
8	Silver as Ag	APHA 24 th 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/Oct/141
Sample report number	GPL/2024/Oct/141

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 th Edition 3120 B:2023	mg/l	<0.001	0.001	No relaxation
13	Molybdenum as Mo	APHA 24 th Edition 3120 B:2023	mg/l	<0.03	0.07	No relaxation
14	Nickel as Ni	APHA 24 th 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 th Edition 3120 B:2023	mg/l	<0.03	0.05	No relaxation
Inference		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: 19-10-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sample collected by	Raju K S, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	10-10-2024
	Date of sample receipt	11-10-2024
	Particular of sample	RO drinking water collected from RO outlet near RO unit
	Date of commencement of analysis	14-10-2024
	Date of completion of analysis	17-10-2024
	Number of pages	1 of 2
	Sample number	GPL/2024/Oct/140
	Sample report number	GPL/2024/Oct/140
	ULR number	TC555124000002548F

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	16.0	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 ₂	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/Oct/140
Sample report number	GPL/2024/Oct/140
ULR number	TC555124000002548F

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 ₃	IS 3025:Part 34:1988 (Reaffirmed:2019)	mg/l	<0.02	45	No relaxation
18	Sulphate as SO ₄	IS 3025:Part 24: Sec 1:2022	mg/l	<0.1	200	400
19	Sulphide as H ₂ S	IS 3025:Part 29:2022	mg/l	<0.02	0.05	No relaxation
20	Total Alkalinity as CaCO ₃	IS 3025:Part 23:2023	mg/l	15.0	200	600
21	Total Hardness as CaCO ₃	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
Inference		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: 21-10-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sample collected by	Raju K S, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	10-10-2024
	Date of sample receipt	11-10-2024
	Particular of sample	RO drinking water collected from RO outlet near RO unit
	Date of commencement of analysis	14-10-2024
	Date of completion of analysis	19-10-2024
	Number of pages	1 of 2
	Sample number	GPL/2024/Oct/140
	Sample report number	GPL/2024/Oct/140

Sl. No.	Parameter	Test Method	Unit	Result	Standard*	
					Acceptable Limit	Permissible Limit
1	Aluminum as Al	APHA 24 th 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 th Edition 3120 B:2023	mg/l	<0.03	0.7	No relaxation
4	Copper as Cu	APHA 24 th Edition 3120 B:2023	mg/l	<0.03	0.05	1.5
5	Manganese as Mn	APHA 24 th Edition 3120 B:2023	mg/l	<0.03	0.1	0.3
6	Phenolic Compounds as C ₆ H ₅ 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 th 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/Oct/140
Sample report number	GPL/2024/Oct/140

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 th Edition 3120 B:2023	mg/l	<0.001	0.001	No relaxation
13	Molybdenum as Mo	APHA 24 th Edition 3120 B:2023	mg/l	<0.03	0.07	No relaxation
14	Nickel as Ni	APHA 24 th 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 th Edition 3120 B:2023	mg/l	<0.03	0.05	No relaxation
Inference		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/16

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF SOURCE EMISSION

Date: 16-10-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Chimney attached to	1065 KVA DG set - 02
	Sample collected by	Raju K S, Field Technician
	Date of collection	09-10-2024
	Sampling procedure	As per respective test method
	Date of sample receipt	10-10-2024
	Particular	Source Emission
	Date of commencement of analysis	10-10-2024
	Date of completion of analysis	15-10-2024
	Number of pages	1 of 1
	Sample number	GPL/2024/Oct/109
	Sample report number	GPL/2024/Oct/109
	ULR number	TC555124000002521F

General Details

Fuel used	Diesel
Ambient temperature in °C	30
Humidity in %	65
Velocity in m/s	32.1
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 ²	0.0962
Flue gas temperature in °C	200

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (PM)	IS 11255:Part 1:1985 (Reaffirmed:2019)	mg/Nm ³	49.3	150
2	Sulphur Dioxide (SO ₂)	IS 11255:Part 2:1985 (Reaffirmed:2019)	mg/Nm ³	14.9	100
3	Oxides of Nitrogen (NO ₂)	IS 11255:Part 7:2005 (Reaffirmed:2022)	mg/Nm ³	18.5	50
Inference		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: 16-10-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Chimney attached to	1065 KVA DG set - 01
	Sample collected by	Rohith M T, Field Technician
	Date of collection	09-10-2024
	Sampling procedure	As per respective test method
	Date of sample receipt	10-10-2024
	Particular	Source Emission
	Date of commencement of analysis	10-10-2024
	Date of completion of analysis	15-10-2024
	Number of pages	1 of 1
	Sample number	GPL/2024/Oct/108
	Sample report number	GPL/2024/Oct/108
	ULR number	TC555124000002520F

General Details

Fuel used	Diesel
Ambient temperature in °C	30
Humidity in %	65
Velocity in m/s	34.5
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 ²	0.0962
Flue gas temperature in °C	210

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (PM)	IS 11255:Part 1:1985 (Reaffirmed:2019)	mg/Nm ³	50.0	150
2	Sulphur Dioxide (SO ₂)	IS 11255:Part 2:1985 (Reaffirmed:2019)	mg/Nm ³	15.7	100
3	Oxides of Nitrogen (NO ₂)	IS 11255:Part 7:2005 (Reaffirmed:2022)	mg/Nm ³	19.5	50
Inference		Conforms to prescribed standards			

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


AUTHORISED SIGNATORY
 Harish C S (T.M)

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TC-5551

TEST REPORT

GPL/T/F/13

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF WATER

Date: 27-11-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sample collected by	Kiran G L, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	22-11-2024
	Date of sample receipt	23-11-2024
	Particular of sample	Storm water collected from water pond near security gate area
	Date of commencement of analysis	23-11-2024
	Date of completion of analysis	27-11-2024
	Number of pages	1 of 2
	Sample number	GPL/2024/Nov/215
	Sample report number	GPL/2024/Nov/215
	ULR number	TC555124000002870F

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	-	7.7	6.0-8.5
3	Specific Conductivity	IS 3025:Part 14:2013 (Reaffirmed:2023)	μS/cm	650	2500
4	Bio-Chemical Oxygen Demand (3 days @ 27 °C)	IS 3025:Part 44:2023	mg/l	7.8	-
5	Filterable Residue (Total Dissolved Solids)	IS 3025:Part 16:2023	mg/l	422	2100
6	Dissolved Oxygen	IS 3025:Part 38:1989 (Reaffirmed:2019)	mg/l	2.6	3.0
7	Chloride as Cl	IS 3025:Part 32:1988 (Reaffirmed:2019)	mg/l	61.9	600
8	Ammonia as total ammonia-N	IS 3025:Part 34:1988 (Reaffirmed:2019)	mg/l	1.2	-
9	Fluoride as F	IS 3025:Part 60:2008 (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/Nov/215
Sample report number	GPL/2024/Nov/215
ULR number	TC555124000002870F

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 ₃	IS 3025:Part 34:1988 (Reaffirmed:2019)	mg/l	<0.02	-
13	Sulphate as SO ₄	IS 3025:Part 24: Sec 1:2022	mg/l	164.7	1000
14	Total coliform bacteria	IS 1622:1981 (Reaffirmed:2019)	MPN/100 ml	70	-
Inference		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/14

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF WASTE WATER

Date: 27-11-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sample collected by	Raju K S, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	22-11-2024
	Date of sample receipt	23-11-2024
	Particular of sample	Treated sewage sample collected from sand filter outlet
	Date of commencement of analysis	23-11-2024
	Date of completion of analysis	27-11-2024
	Number of pages	1 of 1
	Sample number	GPL/2024/Nov/212
	Sample report number	GPL/2024/Nov/212
	ULR number	TC555124000002867F

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	pH	IS 3025:Part 11:2022	-	7.0	6.0-9.0
2	Chemical Oxygen Demand	IS 3025:Part 58:2023	mg/l	42.0	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	9.0	10
7	Fecal Coliform	APHA 24 th Edition 9221 E:2023	MPN/100 ml	84	<100
Inference		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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TC-5551

TEST REPORT

GPL/T/F/17

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT NOISE

Date: 27-11-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Monitoring done by	Kiran G L, Field Technician
	Sampling procedure	IS 9989:1981 (Reaffirmed:2020)
	Date of monitoring	21-11-2024
	Particular	Ambient Noise
	Date of sample receipt	22-11-2024
	Environmental condition	Normal
	Number of pages	1 of 1
	Sample number	GPL/2024/Nov/186
	Sample report number	GPL/2024/Nov/186
	ULR number	TC555124000002845F

Day Time Ambient Noise

Sl. No.	Sample Location	Duration	Test Method	Noise level in dB(A) Leq	Standard*
1	Near 300 KLD STP area	12:20 PM-12:25 PM	IS 9989:1981 (Reaffirmed:2020)	68.8	75 dB(A) Leq (6 AM-10 PM)
Inference		Conforms to prescribed standard			

Night Time Ambient Noise

Sl. No.	Sample Location	Duration	Test Method	Noise level in dB(A) Leq	Standard*
1	Near 300 KLD STP area	11:20 PM-11:25 PM	IS 9989:1981 (Reaffirmed:2020)	59.2	70 dB(A) Leq (10 PM-6 AM)
Inference		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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TEST REPORT

GPL/T/F/17

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF DG NOISE

Date: 27-11-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Monitoring done by	Kiran G L, Field Technician
	Sampling procedure	IS 9989:1981 (Reaffirmed:2020)
	Date of monitoring	21-11-2024
	Particular	DG Noise
	Date of sample receipt	22-11-2024
	Environmental condition	Normal
	Number of pages	1 of 1
	Sample number	GPL/2024/Nov/185
	Sample report number	GPL/2024/Nov/185
	ULR number	TC555124000002844F

Day Time DG Noise

Sl. No.	Sample Locations	Duration	Test Method	Noise level in dB(A) Leq	Standard*
1	1065 KVA DG set - 2 at 0.5 Meter	12:40 PM-12:45 PM	IS 9989:1981 (Reaffirmed:2020)	72.6	75 dB(A) Leq (6 AM-10 PM)
2	1065 KVA DG set - 2 at 1.0 Meter	12:50 PM-12:55 PM		71.8	
3	1065 KVA DG set - 2 at 1.5 Meter	01:00 PM-01:05 PM		70.2	
Inference		Conforms to prescribed standard			

Note: 1. * Limits 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/15

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT AIR

Date: 26-11-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sampling location	Near DG area
	Monitoring done by	Raju K S, Field Technician
	Date of monitoring	21-11-2024
	Sampling procedure	As per respective test method
	Date of sample receipt	22-11-2024
	Particular	Ambient Air
	Date of commencement of analysis	22-11-2024
	Date of completion of analysis	25-11-2024
	Number of pages	1 of 1
	Sample number	GPL/2024/Nov/188
	Sample report number	GPL/2024/Nov/188
	ULR number	TC555124000002847F

Environmental conditions	
Ambient Temperature in °C	28
Humidity in %	57
Weather Condition	Clear sky
Wind Flow	Normal

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (size less than 10µm) or (PM ₁₀)	IS 5182:Part 23:2006 (Reaffirmed:2022)	µg/m ³	52.4	100
2	Sulphur Dioxide (SO ₂)	IS 5182:Part 2:2001 (Reaffirmed:2022)	µg/m ³	15.2	80
3	Nitrogen Dioxide (NO ₂)	IS 5182:Part 6:2006 (Reaffirmed:2022)	µg/m ³	21.8	80
Inference		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: 26-11-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sampling location	Near 300 KLD STP area
	Monitoring done by	Kiran G L, Field Technician
	Date of monitoring	21-11-2024
	Sampling procedure	As per respective test method
	Date of sample receipt	22-11-2024
	Particular	Ambient Air
	Date of commencement of analysis	22-11-2024
	Date of completion of analysis	25-11-2024
	Number of pages	1 of 1
	Sample number	GPL/2024/Nov/187
	Sample report number	GPL/2024/Nov/187
	ULR number	TC555124000002846F

Environmental conditions	
Ambient Temperature in °C	27
Humidity in %	61
Weather Condition	Clear sky
Wind Flow	Normal

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (size less than 10µm) or (PM ₁₀)	IS 5182:Part 23:2006 (Reaffirmed:2022)	µg/m ³	49.2	100
2	Sulphur Dioxide (SO ₂)	IS 5182:Part 2:2001 (Reaffirmed:2022)	µg/m ³	14.0	80
3	Nitrogen Dioxide (NO ₂)	IS 5182:Part 6:2006 (Reaffirmed:2022)	µg/m ³	19.3	80
Inference		Conforms to prescribed standards			

Note: 1. * As per 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/13

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF WATER

Date: 26-11-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sample collected by	Kiran G L, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	22-11-2024
	Date of sample receipt	23-11-2024
	Particular of sample	Borewell water collected from RO inlet near RO unit
	Date of commencement of analysis	23-11-2024
	Date of completion of analysis	26-11-2024
	Number of pages	1 of 2
	Sample number	GPL/2024/Nov/214
	Sample report number	GPL/2024/Nov/214
	ULR number	TC555124000002869F

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	-	7.1	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	292	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 40:2024	mg/l	56.1	75	200
10	Chloramines as Cl ₂	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	51.9	250	1000

[Signature]

Continued....

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TEST REPORT

GPL/T/F/13

Number of pages	2 of 2
Sample number	GPL/2024/Nov/214
Sample report number	GPL/2024/Nov/214
ULR number	TC555124000002869F

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 ₃	IS 3025:Part 34:1988 (Reaffirmed:2019)	mg/l	<0.02	45	No relaxation
18	Sulphate as SO ₄	IS 3025:Part 24: Sec 1:2022	mg/l	<0.1	200	400
19	Sulphide as H ₂ S	IS 3025:Part 29:2022	mg/l	<0.02	0.05	No relaxation
20	Total Alkalinity as CaCO ₃	IS 3025:Part 23:2023	mg/l	50.0	200	600
21	Total Hardness as CaCO ₃	IS 3025:Part 21:2009 (Reaffirmed:2023)	mg/l	134.0	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
Inference		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: 27-11-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sample collected by	Kiran G L, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	22-11-2024
	Date of sample receipt	23-11-2024
	Particular of sample	Borewell water collected from RO inlet near RO unit
	Date of commencement of analysis	23-11-2024
	Date of completion of analysis	27-11-2024
	Number of pages	1 of 2
	Sample number	GPL/2024/Nov/214
	Sample report number	GPL/2024/Nov/214

Sl. No.	Parameter	Test Method	Unit	Result	Standard*	
					Acceptable Limit	Permissible Limit
1	Aluminum as Al	APHA 24 th 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 th Edition 3120 B:2023	mg/l	<0.03	0.7	No relaxation
4	Copper as Cu	APHA 24 th Edition 3120 B:2023	mg/l	<0.03	0.05	1.5
5	Manganese as Mn	APHA 24 th Edition 3120 B:2023	mg/l	<0.03	0.1	0.3
6	Phenolic Compounds as C ₆ H ₅ 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	<0.005	0.01	No relaxation
8	Silver as Ag	APHA 24 th 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/Nov/214
Sample report number	GPL/2024/Nov/214

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 th Edition 3120 B:2023	mg/l	<0.0005	0.001	No relaxation
13	Molybdenum as Mo	APHA 24 th Edition 3120 B:2023	mg/l	<0.03	0.07	No relaxation
14	Nickel as Ni	APHA 24 th 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 th Edition 3120 B:2023	mg/l	<0.03	0.05	No relaxation
Inference		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: 26-11-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sample collected by	Raju K S, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	22-11-2024
	Date of sample receipt	23-11-2024
	Particular of sample	RO drinking water collected from RO outlet near RO unit
	Date of commencement of analysis	23-11-2024
	Date of completion of analysis	26-11-2024
	Number of pages	1 of 2
	Sample number	GPL/2024/Nov/213
	Sample report number	GPL/2024/Nov/213
	ULR number	TC555124000002868F

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	28.0	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	0.03	0.5	1.0
9	Calcium as Ca	IS 3025:Part 40:2024	mg/l	<0.8	75	200
10	Chloramines as Cl ₂	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/Nov/213
Sample report number	GPL/2024/Nov/213
ULR number	TC555124000002868F

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 ₃	IS 3025:Part 34:1988 (Reaffirmed:2019)	mg/l	<0.02	45	No relaxation
18	Sulphate as SO ₄	IS 3025:Part 24: Sec 1:2022	mg/l	<0.1	200	400
19	Sulphide as H ₂ S	IS 3025:Part 29:2022	mg/l	<0.02	0.05	No relaxation
20	Total Alkalinity as CaCO ₃	IS 3025:Part 23:2023	mg/l	15.0	200	600
21	Total Hardness as CaCO ₃	IS 3025:Part 21:2009 (Reaffirmed:2023)	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
Inference		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: 27-11-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sample collected by	Raju K S, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	22-11-2024
	Date of sample receipt	23-11-2024
	Particular of sample	RO drinking water collected from RO outlet near RO unit
	Date of commencement of analysis	23-11-2024
	Date of completion of analysis	27-11-2024
	Number of pages	1 of 2
	Sample number	GPL/2024/Nov/213
	Sample report number	GPL/2024/Nov/213

Sl. No.	Parameter	Test Method	Unit	Result	Standard*	
					Acceptable Limit	Permissible Limit
1	Aluminum as Al	APHA 23 rd Edition 3120 B:2017	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 23 rd Edition 3120 B:2017	mg/l	<0.03	0.7	No relaxation
4	Copper as Cu	APHA 23 rd Edition 3120 B:2017	mg/l	<0.03	0.05	1.5
5	Manganese as Mn	APHA 23 rd Edition 3120 B:2017	mg/l	<0.03	0.1	0.3
6	Phenolic Compounds as C ₆ H ₅ OH	IS 3025 (Part 43):1992 (Reaffirmed:2018)	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 23 rd Edition 3120 B:2017	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/Nov/213
Sample report number	GPL/2024/Nov/213

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	IS 3025 (Part 27):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	IS 3025:(Part 65):2022	mg/l	<0.001	0.001	No relaxation
13	Molybdenum as Mo	APHA 23 rd Edition 3120 B:2017	mg/l	<0.03	0.07	No relaxation
14	Nickel as Ni	APHA 23 rd Edition 3120 B:2017	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 23 rd Edition 3120 B:2017	mg/l	<0.03	0.05	No relaxation
Inference		Conforms to prescribed standards				

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


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TC-5551

TEST REPORT

GPL/T/F/16

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF SOURCE EMISSION

Date: 26-11-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Chimney attached to	1065 KVA DG set - 02
	Monitoring done by	Kiran G L, Field Technician
	Date of monitoring	22-11-2024
	Sampling procedure	As per respective test method
	Date of sample receipt	23-11-2024
	Particular	Source Emission
	Date of commencement of analysis	23-11-2024
	Date of completion of analysis	26-11-2024
	Number of pages	1 of 1
	Sample number	GPL/2024/Nov/211
	Sample report number	GPL/2024/Nov/211
	ULR number	TC555124000002866F

General Details

Fuel used	Diesel
Ambient temperature in °C	28
Humidity in %	59
Velocity in m/s	33.4
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 ²	0.0962
Flue gas temperature in °C	197

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (PM)	IS 11255:Part 1:1985 (Reaffirmed:2019)	mg/Nm ³	53.4	150
2	Sulphur Dioxide (SO ₂)	IS 11255:Part 2:1985 (Reaffirmed:2019)	mg/Nm ³	11.9	100
3	Oxides of Nitrogen (NO ₂)	IS 11255:Part 7:2005 (Reaffirmed:2022)	mg/Nm ³	22.8	50
Inference		Conforms to prescribed standards			

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

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TEST REPORT

GPL/T/F/16

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF SOURCE EMISSION

Date: 26-11-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Chimney attached to	1065 KVA DG set - 01
	Monitoring done by	Raju K S, Field Technician
	Date of monitoring	22-11-2024
	Sampling procedure	As per respective test method
	Date of sample receipt	23-11-2024
	Particular	Source Emission
	Date of commencement of analysis	23-11-2024
	Date of completion of analysis	26-11-2024
	Number of pages	1 of 1
	Sample number	GPL/2024/Nov/210
	Sample report number	GPL/2024/Nov/210
	ULR number	TC555124000002865F

General Details

Fuel used	Diesel
Ambient temperature in °C	27
Humidity in %	64
Velocity in m/s	30.2
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 ²	0.0962
Flue gas temperature in °C	196

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (PM)	IS 11255:Part 1:1985 (Reaffirmed:2019)	mg/Nm ³	55.8	150
2	Sulphur Dioxide (SO ₂)	IS 11255:Part 2:1985 (Reaffirmed:2019)	mg/Nm ³	12.6	100
3	Oxides of Nitrogen (NO ₂)	IS 11255:Part 7:2005 (Reaffirmed:2022)	mg/Nm ³	21.8	50
Inference		Conforms to prescribed standards			

Note: 1. * As per KSPCB Consent copy

2. AGL - Above Ground Level

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TC-5551

TEST REPORT

GPL/T/F/14

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF WASTE WATER

Date: 21-12-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sample collected by	Raju K S, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	13-12-2024
	Date of sample receipt	14-12-2024
	Particular of sample	Treated sewage sample collected from carbon filter outlet
	Date of commencement of analysis	14-12-2024
	Date of completion of analysis	19-12-2024
	Number of pages	1 of 1
	Sample number	GPL/2024/Dec/203
	Sample report number	GPL/2024/Dec/203
	ULR number	TC555124000003079F

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	pH	IS 3025:Part 11:2022	-	7.4	6.5-9.0
2	Chemical Oxygen Demand	IS 3025:Part 58:2023	mg/l	44.0	Not more than 50
3	Bio-Chemical Oxygen Demand (3 days @ 27 °C)	IS 3025:Part 44:2023	mg/l	8.4	Not more than 10
4	Non-Filterable Residue (Total Suspended Solids)	IS 3025:Part 17:2022	mg/l	13.2	Not more than 20
5	Ammonical Nitrogen	IS 3025:Part 34:1988 (Reaffirmed:2019)	mg/l	4.4	Not more than 5
6	Total Nitrogen	IS 3025:Part 34:1988 (Reaffirmed:2019)	mg/l	9.2	Not more than 10
7	Fecal Coliform	APHA 24 th Edition 9221 E:2023	MPN/100 ml	70	Less than 100
Inference		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/15

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT AIR

Date: 18-12-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sampling location	Near 300 KLD STP area
	Monitoring done by	Kiran G L, Field Technician
	Date of monitoring	13-12-2024
	Sampling procedure	As per respective test method
	Date of sample receipt	14-12-2024
	Particular	Ambient Air
	Date of commencement of analysis	14-12-2024
	Date of completion of analysis	17-12-2024
	Number of pages	1 of 2
	Sample number	GPL/2024/Dec/207
	Sample report number	GPL/2024/Dec/207
	ULR number	TC555124000003083F

Environmental conditions	
Ambient Temperature in °C	27
Humidity in %	67
Weather Condition	Clear sky
Wind Flow	Normal

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (size less than 10µm) or (PM ₁₀)	IS 5182:Part 23:2006 (Reaffirmed:2022)	µg/m ³	54.5	100
2	Particulate Matter (size less than 2.5µm) or (PM _{2.5})	IS 5182:Part 24:2019 (Reaffirmed:2024)	µg/m ³	11.6	60
3	Sulphur Dioxide (SO ₂)	IS 5182:Part 2:2001 (Reaffirmed:2022)	µg/m ³	16.0	80
4	Nitrogen Dioxide (NO ₂)	IS 5182:Part 6:2006 (Reaffirmed:2022)	µg/m ³	21.8	80
5	Lead (Pb)	IS 5182:Part 22:2004 (Reaffirmed:2019)	µg/m ³	<0.1	1.0
6	Carbon Monoxide (CO)	IS 5182:Part 10:1999 (Reaffirmed:2019)	mg/m ³	Nil	04
7	Ammonia (NH ₃)	IS 5182:Part 25:2018	µg/m ³	3.4	400

Continued....,

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TEST REPORT

GPL/T/F/15

Number of pages	2 of 2
Sample number	GPL/2024/Dec/207
Sample report number	GPL/2024/Dec/207
ULR number	TC555124000003083F

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
8	Arsenic (As)	USEPA Compendium Method IO-3.2	ng/m ³	<0.5	06
9	Nickel (Ni)	USEPA Compendium Method IO-3.2	ng/m ³	<1.0	20
10	Ozone (O ₃)	IS 5182:Part 9:1974 (Reaffirmed:2019)	µg/m ³	1.8	180
11	Benzene (C ₆ H ₆)	IS 5182:Part 11:2006 (Reaffirmed:2022)	µg/m ³	<2.0	05
12	Benzo (a) Pyrene (BaP)	IS 5182:Part 12:2004 (Reaffirmed:2019)	ng/m ³	<0.8	01
Inference		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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TC-5551

TEST REPORT

GPL/T/F/15

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT AIR

Date: 18-12-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sampling location	Near water pond area
	Monitoring done by	Raju K S, Field Technician
	Date of monitoring	13-12-2024
	Sampling procedure	As per respective test method
	Date of sample receipt	14-12-2024
	Particular	Ambient Air
	Date of commencement of analysis	14-12-2024
	Date of completion of analysis	17-12-2024
	Number of pages	1 of 1
	Sample number	GPL/2024/Dec/208
	Sample report number	GPL/2024/Dec/208
	ULR number	TC555124000003084F

Environmental conditions	
Ambient Temperature in °C	27
Humidity in %	63
Weather Condition	Clear sky
Wind Flow	Normal

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (size less than 10µm) or (PM ₁₀)	IS 5182:Part 23:2006 (Reaffirmed:2022)	µg/m ³	35.2	100
2	Sulphur Dioxide (SO ₂)	IS 5182:Part 2:2001 (Reaffirmed:2022)	µg/m ³	8.8	80
3	Nitrogen Dioxide (NO ₂)	IS 5182:Part 6:2006 (Reaffirmed:2022)	µg/m ³	16.7	80
Inference		Conforms to prescribed standards			

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

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TEST REPORT

GPL/T/F/15

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT AIR

Date: 18-12-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sampling location	Near admin block entrance area
	Monitoring done by	Raju K S, Field Technician
	Date of monitoring	13-12-2024
	Sampling procedure	As per respective test method
	Date of sample receipt	14-12-2024
	Particular	Ambient Air
	Date of commencement of analysis	14-12-2024
	Date of completion of analysis	17-12-2024
	Number of pages	1 of 1
	Sample number	GPL/2024/Dec/209
	Sample report number	GPL/2024/Dec/209
	ULR number	TC555124000003085F

Environmental conditions	
Ambient Temperature in °C	27
Humidity in %	59
Weather Condition	Clear sky
Wind Flow	Normal

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (size less than 10µm) or (PM ₁₀)	IS 5182:Part 23:2006 (Reaffirmed:2022)	µg/m ³	38.8	100
2	Sulphur Dioxide (SO ₂)	IS 5182:Part 2:2001 (Reaffirmed:2022)	µg/m ³	9.7	80
3	Nitrogen Dioxide (NO ₂)	IS 5182:Part 6:2006 (Reaffirmed:2022)	µg/m ³	17.3	80
Inference		Conforms to prescribed standards			

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

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TEST REPORT

GPL/T/F/17

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF DG NOISE

Date: 21-12-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Monitoring done by	Kiran G L, Field Technician
	Sampling procedure	IS 9989:1981 (Reaffirmed:2020)
	Date of monitoring	12-12-2024
	Particular	DG Noise
	Date of sample receipt	13-12-2024
	Environmental condition	Normal
	Number of pages	1 of 1
	Sample number	GPL/2024/Dec/179
	Sample report number	GPL/2024/Dec/179
	ULR number	TC555124000003059F

Day Time DG Noise

Sl. No.	Sample Locations	Duration	Test Method	Noise level in dB(A) Leq	Standard*
1	1065 KVA DG set - 2 at 0.5 Meter	09:50 AM-09:55 AM	IS 9989:1981 (Reaffirmed:2020)	73.8	75 dB(A) Leq (6 AM-10 PM)
2	1065 KVA DG set - 2 at 1.0 Meter	10:00 AM-10:05 AM		72.6	
3	1065 KVA DG set - 2 at 1.5 Meter	10:10 AM-10:15 AM		71.4	
Inference		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: 20-12-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Monitoring done by	Kiran G L, Field Technician
	Sampling procedure	IS 9989:1981 (Reaffirmed:2020)
	Date of monitoring	12-12-2024
	Particular	Ambient Noise
	Date of sample receipt	13-12-2024
	Environmental condition	Normal
	Number of pages	1 of 1
	Sample number	GPL/2024/Dec/180
	Sample report number	GPL/2024/Dec/180
	ULR number	TC555124000003060F


Day Time Ambient Noise

Sl. No.	Sample Location	Duration	Test Method	Noise level in dB(A) Leq	Standard*
1	Near DG area	09:40 AM-09:45 AM	IS 9989:1981 (Reaffirmed:2020)	69.8	75 dB(A) Leq (6 AM-10 PM)
Inference		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	11:55 PM-12:00 AM	IS 9989:1981 (Reaffirmed:2020)	60.6	70 dB(A) Leq (10 PM-6 AM)
Inference		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/13

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF WATER

Date: 21-12-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sample collected by	Kiran G L, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	13-12-2024
	Date of sample receipt	14-12-2024
	Particular of sample	Borewell water collected from RO inlet near RO unit
	Date of commencement of analysis	14-12-2024
	Date of completion of analysis	17-12-2024
	Number of pages	1 of 2
	Sample number	GPL/2024/Dec/205
	Sample report number	GPL/2024/Dec/205
	ULR number	TC555124000003081F

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	368.0	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 40:2024	mg/l	68.1	75	200
10	Chloramines as Cl ₂	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	53.4	250	1000

[Signature]

Continued....,

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TEST REPORT

GPL/T/F/13


Number of pages	2 of 2
Sample number	GPL/2024/Dec/205
Sample report number	GPL/2024/Dec/205
ULR number	TC555124000003081F

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	4.3	30	100
16	Mineral Oil	IS 3025:Part 39:2021	mg/l	<0.3	0.5	No relaxation
17	Nitrate as NO ₃	IS 3025:Part 34:1988 (Reaffirmed:2019)	mg/l	<0.02	45	No relaxation
18	Sulphate as SO ₄	IS 3025:Part 24: Sec 1:2022	mg/l	<0.1	200	400
19	Sulphide as H ₂ S	IS 3025:Part 29:2022	mg/l	<0.02	0.05	No relaxation
20	Total Alkalinity as CaCO ₃	IS 3025:Part 23:2023	mg/l	40.0	200	600
21	Total Hardness as CaCO ₃	IS 3025:Part 21:2009 (Reaffirmed:2023)	mg/l	188.0	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
Inference		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: 24-12-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sample collected by	Kiran G L, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	13-12-2024
	Date of sample receipt	14-12-2024
	Particular of sample	Borewell water collected from RO inlet near RO unit
	Date of commencement of analysis	16-12-2024
	Date of completion of analysis	21-12-2024
	Number of pages	1 of 2
	Sample number	GPL/2024/Dec/205
	Sample report number	GPL/2024/Dec/205

Sl. No.	Parameter	Test Method	Unit	Result	Standard*	
					Acceptable Limit	Permissible Limit
1	Phenolic Compounds as C ₆ H ₅ OH	IS 3025:(Part 43):1992 (Reaffirmed:2003)	mg/l	<0.001	0.001	0.002
2	Anionic Detergents as MBAS	IS 3025:(Part 68):2019	mg/l	<0.1	0.2	1.0
3	Cyanide as CN	IS 3025:(Part 27):2021	mg/l	<0.01	0.05	No relaxation
4	Lead as Pb	IS 3025:(Part 65):2022	mg/l	<0.005	0.01	No relaxation
5	Copper as Cu	IS 3025:(Part 65):2022	mg/l	<0.00025	0.05	1.5
6	Total Chromium as Cr	IS 3025:(Part 65):2022	mg/l	<0.005	0.05	No relaxation
7	Cadmium as Cd	IS 3025:Part 65:2022	mg/l	<0.0005	0.003	No relaxation
8	Total Arsenic as As	IS 3025:(Part 65):2022	mg/l	<0.005	0.01	No relaxation

Continued.....

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TEST REPORT

GPL/T/F/13A

Number of pages	2 of 2
Sample number	GPL/2024/Dec/205
Sample report number	GPL/2024/Dec/205

Sl. No.	Parameter	Test Method	Unit	Result	Standard*	
					Acceptable Limit	Permissible Limit
9	Nickel as Ni	IS 3025:(Part 65):2022	mg/l	<0.005	0.02	No relaxation
10	Silver as Ag	IS 3025:(Part 65):2022	mg/l	<0.005	0.1	No relaxation
11	Selenium as Se	IS 3025:(Part 65):2022	mg/l	<0.005	0.01	No relaxation
12	Manganese as Mn	IS 3025:(Part 65):2022	mg/l	<0.005	0.1	0.3
13	Barium as Ba	IS 3025:(Part 65):2022	mg/l	0.074	0.7	No relaxation
14	Aluminum as Al	IS 3025:(Part 65):2022	mg/l	<0.01	0.03	0.2
15	Molybdenum as Mo	IS 3025:(Part 65):2022	mg/l	<0.005	0.07	No relaxation
16	Mercury as Hg	IS 3025:(Part 65):2022	mg/l	<0.005	0.001	No relaxation
Inference		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)

End of the report

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TEST REPORT

GPL/T/F/13

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF WATER

Date: 21-12-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sample collected by	Raju K S, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	13-12-2024
	Date of sample receipt	14-12-2024
	Particular of sample	RO drinking water collected from RO outlet near RO unit
	Date of commencement of analysis	14-12-2024
	Date of completion of analysis	17-12-2024
	Number of pages	1 of 2
	Sample number	GPL/2024/Dec/204
	Sample report number	GPL/2024/Dec/204
	ULR number	TC555124000003080F

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	28.0	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 40:2024	mg/l	<0.8	75	200
10	Chloramines as Cl ₂	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	1.4	250	1000

Continued.....

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TEST REPORT

GPL/T/F/13

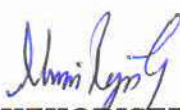
Number of pages	2 of 2
Sample number	GPL/2024/Dec/204
Sample report number	GPL/2024/Dec/204
ULR number	TC555124000003080F

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 ₃	IS 3025:Part 34:1988 (Reaffirmed:2019)	mg/l	<0.02	45	No relaxation
18	Sulphate as SO ₄	IS 3025:Part 24: Sec 1:2022	mg/l	<0.1	200	400
19	Sulphide as H ₂ S	IS 3025:Part 29:2022	mg/l	<0.02	0.05	No relaxation
20	Total Alkalinity as CaCO ₃	IS 3025:Part 23:2023	mg/l	25.0	200	600
21	Total Hardness as CaCO ₃	IS 3025:Part 21:2009 (Reaffirmed:2023)	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
Inference		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: 24-12-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sample collected by	Raju K S, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	13-12-2024
	Date of sample receipt	14-12-2024
	Particular of sample	RO drinking water collected from RO outlet near RO unit
	Date of commencement of analysis	16-12-2024
	Date of completion of analysis	21-12-2024
	Number of pages	1 of 2
	Sample number	GPL/2024/Dec/204
	Sample report number	GPL/2024/Dec/204

Sl. No.	Parameter	Test Method	Unit	Result	Standard*	
					Acceptable Limit	Permissible Limit
1	Phenolic Compounds as C ₆ H ₅ OH	IS 3025:(Part 43):1992 (Reaffirmed:2003)	mg/l	<0.001	0.001	0.002
2	Anionic Detergents as MBAS	IS 3025:(Part 68):2019	mg/l	<0.1	0.2	1.0
3	Cyanide as CN	IS 3025:(Part 27):2021	mg/l	<0.01	0.05	No relaxation
4	Lead as Pb	IS 3025:(Part 65):2022	mg/l	<0.005	0.01	No relaxation
5	Copper as Cu	IS 3025:(Part 65):2022	mg/l	<0.00025	0.05	1.5
6	Total Chromium as Cr	IS 3025:(Part 65):2022	mg/l	<0.005	0.05	No relaxation
7	Cadmium as Cd	IS 3025:Part 65:2022	mg/l	<0.0005	0.003	No relaxation
8	Total Arsenic as As	IS 3025:(Part 65):2022	mg/l	<0.005	0.01	No relaxation

Continued....,

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TEST REPORT

GPL/T/F/13A

Number of pages	2 of 2
Sample number	GPL/2024/Dec/204
Sample report number	GPL/2024/Dec/204

Sl. No.	Parameter	Test Method	Unit	Result	Standard*	
					Acceptable Limit	Permissible Limit
9	Nickel as Ni	IS 3025:(Part 65):2022	mg/l	<0.005	0.02	No relaxation
10	Silver as Ag	IS 3025:(Part 65):2022	mg/l	<0.005	0.1	No relaxation
11	Selenium as Se	IS 3025:(Part 65):2022	mg/l	<0.005	0.01	No relaxation
12	Manganese as Mn	IS 3025:(Part 65):2022	mg/l	0.006	0.1	0.3
13	Barium as Ba	IS 3025:(Part 65):2022	mg/l	0.065	0.7	No relaxation
14	Aluminum as Al	IS 3025:(Part 65):2022	mg/l	<0.01	0.03	0.2
15	Molybdenum as Mo	IS 3025:(Part 65):2022	mg/l	<0.005	0.07	No relaxation
16	Mercury as Hg	IS 3025:(Part 65):2022	mg/l	<0.0005	0.001	No relaxation
Inference		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)

End of the report

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TEST REPORT

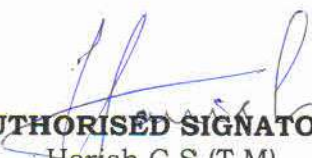
GPL/T/F/36

ANALYSIS REPORT OF SOIL

Date: 23-12-2024

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sampling location	Near water pond area
	Sample collected by	Kiran G L, Field Technician
	Date of collection	13-12-2024
	Sampling procedure	As per respective test method
	Particular	Soil sample
	Date of commencement of analysis	14-12-2024
	Date of completion of analysis	18-12-2024
	Number of pages	1 of 1
	Sample number	GPL/2024/Dec/206
	Sample report number	GPL/2024/Dec/206

Sl. No.	Parameter	Test Method	Unit	Result
1	pH	IS 2720 (Part 26)	-	6.2
2	Electrical Conductivity	IS 14767	μS/cm	49.0
3	Moisture Content	IS 2720 (Part 18)	%	4.4


AUTHORISED SIGNATORY
Harish C S (T.M)

End of the report

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TEST REPORT

GPL/T/F/14

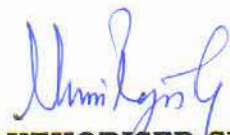
ANALYSIS REPORT (ACCREDITED PARAMETERS) OF WASTE WATER

Date: 22-01-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sample collected by	Raju K S, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	10-01-2025
	Date of sample receipt	11-01-2025
	Particular of sample	Treated sewage sample collected from carbon filter outlet
	Date of commencement of analysis	11-01-2025
	Date of completion of analysis	16-01-2025
	Number of pages	1 of 1
	Sample number	GPL/2025/Jan/153
	Sample report number	GPL/2025/Jan/153
	ULR number	TC555125000000137F

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	pH	IS 3025:Part 11:2022	-	7.1	6.5-9.0
2	Chemical Oxygen Demand	IS 3025:Part 58:2023	mg/l	28.0	Not more than 50
3	Bio-Chemical Oxygen Demand (3 days @ 27 °C)	IS 3025:Part 44:2023	mg/l	6.0	Not more than 10
4	Non-Filterable Residue (Total Suspended Solids)	IS 3025:Part 17:2022	mg/l	14.8	Not more than 20
5	Ammonical Nitrogen	IS 3025:Part 34:1988 (Reaffirmed:2019)	mg/l	4.0	Not more than 5
6	Total Nitrogen	IS 3025:Part 34:1988 (Reaffirmed:2019)	mg/l	8.0	Not more than 10
7	Fecal Coliform	APHA 24 th Edition 9221 E:2023	MPN/100 ml	94.0	Less than 100
Inference		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/15

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT AIR

Date: 17-01-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sampling location	Near canteen area
	Monitoring done by	Kiran G L, Field Technician
	Date of monitoring	09-01-2025
	Sampling procedure	As per respective test method
	Date of sample receipt	10-01-2025
	Particular	Ambient Air
	Date of commencement of analysis	10-01-2025
	Date of completion of analysis	13-01-2025
	Number of pages	1 of 1
	Sample number	GPL/2025/Jan/126
	Sample report number	GPL/2025/Jan/126
	ULR number	TC555125000000114F

Environmental conditions	
Ambient Temperature in °C	27
Humidity in %	53
Weather Condition	Clear sky
Wind Flow	Normal

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (size less than 10µm) or (PM ₁₀)	IS 5182:Part 23:2006 (Reaffirmed:2022)	µg/m ³	38.2	100
2	Sulphur Dioxide (SO ₂)	IS 5182:Part 2:2001 (Reaffirmed:2022)	µg/m ³	8.6	80
3	Nitrogen Dioxide (NO ₂)	IS 5182:Part 6:2006 (Reaffirmed:2022)	µg/m ³	17.3	80
Inference		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: 17-01-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sampling location	Near main gate area
	Monitoring done by	Kiran G L, Field Technician
	Date of monitoring	09-01-2025
	Sampling procedure	As per respective test method
	Date of sample receipt	10-01-2025
	Particular	Ambient Air
	Date of commencement of analysis	10-01-2025
	Date of completion of analysis	13-01-2025
	Number of pages	1 of 1
	Sample number	GPL/2025/Jan/127
	Sample report number	GPL/2025/Jan/127
	ULR number	TC555125000000115F

Environmental conditions	
Ambient Temperature in °C	28
Humidity in %	52
Weather Condition	Clear sky
Wind Flow	Normal

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (size less than 10µm) or (PM ₁₀)	IS 5182:Part 23:2006 (Reaffirmed:2022)	µg/m ³	54.9	100
2	Sulphur Dioxide (SO ₂)	IS 5182:Part 2:2001 (Reaffirmed:2022)	µg/m ³	11.5	80
3	Nitrogen Dioxide (NO ₂)	IS 5182:Part 6:2006 (Reaffirmed:2022)	µg/m ³	18.6	80
Inference		Conforms to prescribed standards			

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

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Muniraju G (Q.M)

End of the report

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TC-5551

TEST REPORT

GPL/T/F/17

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT NOISE

Date: 16-01-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Monitoring done by	Kiran G L, Field Technician
	Sampling procedure	IS 9989:1981 (Reaffirmed:2023)
	Date of monitoring	09-01-2024
	Particular	Ambient Noise
	Date of sample receipt	10-01-2025
	Environmental condition	Normal
	Number of pages	1 of 1
	Sample number	GPL/2025/Jan/123
	Sample report number	GPL/2025/Jan/123
	ULR number	TC555125000000111F

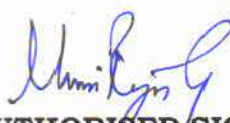
Day Time Ambient Noise

Sl. No.	Sample Location	Duration	Test Method	Noise level in dB(A) Leq	Standard*
1	Near DG area	09:20 AM-09:25 AM	IS 9989:1981 (Reaffirmed:2023)	68.4	75 dB(A) Leq (6 AM-10 PM)
Inference		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	11:20 PM-11:25 PM	IS 9989:1981 (Reaffirmed:2023)	61.8	70 dB(A) Leq (10 PM-6 AM)
Inference		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)

End of the report

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TEST REPORT

GPL/T/F/13

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF WATER

Date: 22-01-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sample collected by	Raju K S, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	10-01-2025
	Date of sample receipt	11-01-2025
	Particular of sample	Borewell water collected from RO inlet near RO unit
	Date of commencement of analysis	11-01-2025
	Date of completion of analysis	16-01-2025
	Number of pages	1 of 2
	Sample number	GPL/2025/Jan/155
	Sample report number	GPL/2025/Jan/155
	ULR number	TC555125000000139F

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	Filterable Residue (Total Dissolved Solids)	IS 3025:Part 16:2023	mg/l	606.0	500	2000
6	Ammonia as total ammonia-N	IS 3025:Part 34:1988 (Reaffirmed:2019)	mg/l	<0.02	0.5	No relaxation
7	Boron as B	IS 3025:Part 57:2021	mg/l	1.05	0.5	1.0
8	Calcium as Ca	IS 3025:Part 40:2024	mg/l	69.7	75	200
9	Chloramines as Cl ₂	IS 3025:Part 26:2021	mg/l	<0.07	4.0	No relaxation
10	Chloride as Cl	IS 3025:Part 32:1988 (Reaffirmed:2019)	mg/l	63.9	250	1000
11	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/2025/Jan/155
Sample report number	GPL/2025/Jan/155
ULR number	TC555125000000139F


Sl. No.	Parameter	Test Method	Unit	Result	Standard*	
					Acceptable Limit	Permissible Limit
12	Free Residual Chlorine	IS 3025:Part 26:2021	mg/l	<0.07	0.2	1
13	Iron as Fe	IS 3025:Part 53:2024	mg/l	<0.04	0.3	No relaxation
14	Magnesium as Mg	IS 3025:Part 46:2023	mg/l	8.7	30	100
15	Mineral Oil	IS 3025:Part 39:2021	mg/l	<0.3	0.5	No relaxation
16	Sulphate as SO ₄	IS 3025:Part 24: Sec 1:2022	mg/l	211.2	200	400
17	Sulphide as H ₂ S	IS 3025:Part 29:2022	mg/l	<0.02	0.05	No relaxation
18	Total Alkalinity as CaCO ₃	IS 3025:Part 23:2023	mg/l	35.0	200	600
19	Total Hardness as CaCO ₃	IS 3025:Part 21:2009 (Reaffirmed:2023)	mg/l	210.0	200	600

Microbiology Test

Sl. No.	Parameter	Test Method	Unit	Result	Standard* (Clause 4.1.1)
1	Escherichia coli	IS 15185:2016 (Reaffirmed:2021)	CFU/250 ml	Absent	Shall not be detectable in any 100 ml sample
2	Total coliform bacteria	IS 15185:2016 (Reaffirmed:2021)	CFU/250 ml	Absent	Shall not be detectable in any 100 ml sample
Inference		Non-Conforms to prescribed standards			

Note: 1. * As per IS 10500:2012 (Reaffirmed:2023)

2. CFU - Colony Forming Unit


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: 22-01-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sample collected by	Raju K S, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	10-01-2025
	Date of sample receipt	11-01-2025
	Particular of sample	Borewell water collected from RO inlet near RO unit
	Date of commencement of analysis	11-01-2025
	Date of completion of analysis	16-01-2025
	Number of pages	1 of 2
	Sample number	GPL/2025/Jan/155
	Sample report number	GPL/2025/Jan/155A

Sl. No.	Parameter	Test Method	Unit	Result	Standard*	
					Acceptable Limit	Permissible Limit
1	Phenolic Compounds as C ₆ H ₅ OH	IS 3025:(Part 43):1992 (Reaffirmed:2003)	mg/l	<0.001	0.001	0.002
2	Anionic Detergents as MBAS	IS 3025:(Part 68):2019	mg/l	<0.1	0.2	1.0
3	Cyanide as CN	IS 3025:(Part 27):2021	mg/l	<0.01	0.05	No relaxation
4	Lead as Pb	IS 3025:(Part 65):2022	mg/l	<0.005	0.01	No relaxation
5	Copper as Cu	IS 3025:(Part 65):2022	mg/l	<0.00025	0.05	1.5
6	Total Chromium as Cr	IS 3025:(Part 65):2022	mg/l	<0.005	0.05	No relaxation
7	Cadmium as Cd	IS 3025:Part 65:2022	mg/l	<0.0005	0.003	No relaxation
8	Total Arsenic as As	IS 3025:(Part 65):2022	mg/l	<0.005	0.01	No relaxation

Continued....,

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TEST REPORT

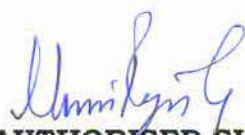
GPL/T/F/13A

Number of pages	2 of 2
Sample number	GPL/2025/Jan/155
Sample report number	GPL/2025/Jan/155A

Sl. No.	Parameter	Test Method	Unit	Result	Standard*	
					Acceptable Limit	Permissible Limit
9	Nickel as Ni	IS 3025:(Part 65):2022	mg/l	<0.005	0.02	No relaxation
10	Silver as Ag	IS 3025:(Part 65):2022	mg/l	<0.005	0.1	No relaxation
11	Selenium as Se	IS 3025:(Part 65):2022	mg/l	<0.005	0.01	No relaxation
12	Manganese as Mn	IS 3025:(Part 65):2022	mg/l	<0.005	0.1	0.3
13	Barium as Ba	IS 3025:(Part 65):2022	mg/l	<0.005	0.7	No relaxation
14	Aluminum as Al	IS 3025:(Part 65):2022	mg/l	<0.01	0.03	0.2
15	Molybdenum as Mo	IS 3025:(Part 65):2022	mg/l	<0.005	0.07	No relaxation
16	Mercury as Hg	IS 3025:(Part 65):2022	mg/l	<0.0005	0.001	No relaxation
17	Nitrate as NO ₃	IS 3025:Part 34:1988 (Reaffirmed:2019)	mg/l	0.7	45	No relaxation
18	Turbidity	IS 3025:Part 10:2023	NTU	0.05	1	5
Inference		Conforms to prescribed standards				

Note: 1. * As per IS 10500:2012 (Reaffirmed:2023)

2. Above mentioned parameters has been outsourced except nitrate and turbidity


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Muniraju G (Q.M)

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TEST REPORT

GPL/T/F/17

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF DG NOISE

Date: 16-01-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Monitoring done by	Raju K S, Field Technician
	Sampling procedure	IS 9989:1981 (Reaffirmed:2023)
	Date of monitoring	09-01-2025
	Particular	DG Noise
	Date of sample receipt	10-01-2025
	Environmental condition	Normal
	Number of pages	1 of 1
	Sample number	GPL/2025/Jan/122
	Sample report number	GPL/2025/Jan/122
	ULR number	TC555125000000110F

Day Time DG Noise

Sl. No.	Sample Locations	Duration	Test Method	Noise level in dB(A) Leq	Standard*
1	1065 KVA DG set - 2 at 0.5 Meter	09:30 AM-09:35 AM	IS 9989:1981 (Reaffirmed:2023)	73.9	75 dB(A) Leq (6 AM-10 PM)
2	1065 KVA DG set - 2 at 1.0 Meter	09:40 AM-09:45 AM		72.7	
3	1065 KVA DG set - 2 at 1.5 Meter	09:50 AM-09:55 AM		70.5	
Inference		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/13

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF WATER

Date: 22-01-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sample collected by	Kiran G L, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	10-01-2025
	Date of sample receipt	11-01-2025
	Particular of sample	RO drinking water collected from RO outlet near RO unit
	Date of commencement of analysis	11-01-2025
	Date of completion of analysis	16-01-2025
	Number of pages	1 of 2
	Sample number	GPL/2025/Jan/154
	Sample report number	GPL/2025/Jan/154
	ULR number	TC555125000000138F

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	Filterable Residue (Total Dissolved Solids)	IS 3025:Part 16:2023	mg/l	24.0	500	2000
6	Ammonia as total ammonia-N	IS 3025:Part 34:1988 (Reaffirmed:2019)	mg/l	<0.02	0.5	No relaxation
7	Boron as B	IS 3025:Part 57:2021	mg/l	0.1	0.5	1.0
8	Calcium as Ca	IS 3025:Part 40:2024	mg/l	4.0	75	200
9	Chloramines as Cl ₂	IS 3025:Part 26:2021	mg/l	<0.07	4.0	No relaxation
10	Chloride as Cl	IS 3025:Part 32:1988 (Reaffirmed:2019)	mg/l	5.4	250	1000
11	Fluoride as F	IS 3025:Part 60:2008 (Reaffirmed:2019)	mg/l	<0.05	1.0	1.5

(Signature)

Continued....,

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TEST REPORT

GPL/T/F/13

Number of pages	2 of 2
Sample number	GPL/2025/Jan/154
Sample report number	GPL/2025/Jan/154
ULR number	TC555125000000138F


Sl. No.	Parameter	Test Method	Unit	Result	Standard*	
					Acceptable Limit	Permissible Limit
12	Free Residual Chlorine	IS 3025:Part 26:2021	mg/l	<0.07	0.2	1
13	Iron as Fe	IS 3025:Part 53:2024	mg/l	<0.04	0.3	No relaxation
14	Magnesium as Mg	IS 3025:Part 46:2023	mg/l	<0.4	30	100
15	Mineral Oil	IS 3025:Part 39:2021	mg/l	<0.3	0.5	No relaxation
16	Sulphate as SO ₄	IS 3025:Part 24: Sec 1:2022	mg/l	<0.1	200	400
17	Sulphide as H ₂ S	IS 3025:Part 29:2022	mg/l	<0.02	0.05	No relaxation
18	Total Alkalinity as CaCO ₃	IS 3025:Part 23:2023	mg/l	10.0	200	600
19	Total Hardness as CaCO ₃	IS 3025:Part 21:2009 (Reaffirmed:2023)	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)	CFU/250 ml	Absent	Shall not be detectable in any 100 ml sample
2	Total coliform bacteria	IS 15185:2016 (Reaffirmed:2021)	CFU/250 ml	Absent	Shall not be detectable in any 100 ml sample
Inference		Conforms to prescribed standards			

Note: 1. * As per IS 10500:2012 (Reaffirmed:2023)

2. CFU - Colony Forming Unit


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: 22-01-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sample collected by	Kiran G L, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	10-01-2025
	Date of sample receipt	11-01-2025
	Particular of sample	RO drinking water collected from RO outlet near RO unit
	Date of commencement of analysis	11-01-2025
	Date of completion of analysis	16-01-2025
	Number of pages	1 of 2
	Sample number	GPL/2025/Jan/154
	Sample report number	GPL/2025/Jan/154A

Sl. No.	Parameter	Test Method	Unit	Result	Standard*	
					Acceptable Limit	Permissible Limit
1	Phenolic Compounds as C ₆ H ₅ OH	IS 3025:(Part 43):1992 (Reaffirmed:2003)	mg/l	<0.001	0.001	0.002
2	Anionic Detergents as MBAS	IS 3025:(Part 68):2019	mg/l	<0.1	0.2	1.0
3	Cyanide as CN	IS 3025:(Part 27):2021	mg/l	<0.01	0.05	No relaxation
4	Lead as Pb	IS 3025:(Part 65):2022	mg/l	<0.005	0.01	No relaxation
5	Copper as Cu	IS 3025:(Part 65):2022	mg/l	<0.00025	0.05	1.5
6	Total Chromium as Cr	IS 3025:(Part 65):2022	mg/l	<0.005	0.05	No relaxation
7	Cadmium as Cd	IS 3025:Part 65:2022	mg/l	<0.0005	0.003	No relaxation
8	Total Arsenic as As	IS 3025:(Part 65):2022	mg/l	<0.005	0.01	No relaxation

(Signature)

Continued....,

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TEST REPORT

GPL/T/F/13A

Number of pages	2 of 2
Sample number	GPL/2025/Jan/154
Sample report number	GPL/2025/Jan/154A

Sl. No.	Parameter	Test Method	Unit	Result	Standard*	
					Acceptable Limit	Permissible Limit
9	Nickel as Ni	IS 3025:(Part 65):2022	mg/l	<0.005	0.02	No relaxation
10	Silver as Ag	IS 3025:(Part 65):2022	mg/l	<0.005	0.1	No relaxation
11	Selenium as Se	IS 3025:(Part 65):2022	mg/l	<0.005	0.01	No relaxation
12	Manganese as Mn	IS 3025:(Part 65):2022	mg/l	<0.005	0.1	0.3
13	Barium as Ba	IS 3025:(Part 65):2022	mg/l	<0.005	0.7	No relaxation
14	Aluminum as Al	IS 3025:(Part 65):2022	mg/l	<0.01	0.03	0.2
15	Molybdenum as Mo	IS 3025:(Part 65):2022	mg/l	<0.005	0.07	No relaxation
16	Mercury as Hg	IS 3025:(Part 65):2022	mg/l	<0.0005	0.001	No relaxation
17	Nitrate as NO ₃	IS 3025:Part 34:1988 (Reaffirmed:2019)	mg/l	<0.02	45	No relaxation
18	Turbidity	IS 3025:Part 10:2023	NTU	0.05	1	5
Inference		Conforms to prescribed standards				

Note: 1. * As per IS 10500:2012 (Reaffirmed:2023)

2. Above mentioned parameters has been outsourced except nitrate and turbidity

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: 17-01-2025


Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Chimney attached to	1065 KVA DG set - 01
	Monitoring done by	Kiran G L, Field Technician
	Date of monitoring	09-01-2025
	Sampling procedure	As per respective test method
	Date of sample receipt	10-01-2025
	Particular	Source Emission
	Date of commencement of analysis	10-01-2025
	Date of completion of analysis	13-01-2025
	Number of pages	1 of 1
	Sample number	GPL/2025/Jan/124
	Sample report number	GPL/2025/Jan/124
	ULR number	TC555125000000112F

General Details

Fuel used	Diesel
Ambient temperature in °C	27
Humidity in %	59
Velocity in m/s	33.6
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 ²	0.0962
Flue gas temperature in °C	169

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (PM)	IS 11255:Part 1:1985 (Reaffirmed:2019)	mg/Nm ³	55.3	150
2	Sulphur Dioxide (SO ₂)	IS 11255:Part 2:1985 (Reaffirmed:2019)	mg/Nm ³	17.9	100
3	Oxides of Nitrogen (NO ₂)	IS 11255:Part 7:2005 (Reaffirmed:2022)	mg/Nm ³	22.1	50
Inference		Conforms to prescribed standards			

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


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 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: 17-01-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Chimney attached to	1065 KVA DG set - 02
	Monitoring done by	Raju K S, Field Technician
	Date of monitoring	09-01-2025
	Sampling procedure	As per respective test method
	Date of sample receipt	10-01-2025
	Particular	Source Emission
	Date of commencement of analysis	10-01-2025
	Date of completion of analysis	13-01-2025
	Number of pages	1 of 1
	Sample number	GPL/2025/Jan/125
	Sample report number	GPL/2025/Jan/125
	ULR number	TC555125000000113F

General Details

Fuel used	Diesel
Ambient temperature in °C	27
Humidity in %	59
Velocity in m/s	34.4
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 ²	0.0962
Flue gas temperature in °C	185

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (PM)	IS 11255:Part 1:1985 (Reaffirmed:2019)	mg/Nm ³	60.3	150
2	Sulphur Dioxide (SO ₂)	IS 11255:Part 2:1985 (Reaffirmed:2019)	mg/Nm ³	15.4	100
3	Oxides of Nitrogen (NO ₂)	IS 11255:Part 7:2005 (Reaffirmed:2022)	mg/Nm ³	20.2	50
Inference		Conforms to prescribed standards			

Note: 1. * As per KSPCB Consent copy

2. AGL - Above Ground Level

AUTHORISED SIGNATORY
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TEST REPORT

GPL/T/F/14

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF WASTE WATER

Date: 18-02-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sample collected by	Raju K S, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	08-02-2025
	Date of sample receipt	10-02-2025
	Particular of sample	Treated sewage sample collected from carbon filter outlet
	Date of commencement of analysis	10-02-2025
	Date of completion of analysis	15-02-2025
	Number of pages	1 of 1
	Sample number	GPL/2025/Feb/135
	Sample report number	GPL/2025/Feb/135
	ULR number	TC555125000000418F

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	pH	IS 3025:Part 11:2022	-	7.0	6.5-9.0
2	Chemical Oxygen Demand	IS 3025:Part 58:2023	mg/l	32.0	Not more than 50
3	Bio-Chemical Oxygen Demand (3 days @ 27 °C)	IS 3025:Part 44:2023	mg/l	6.6	Not more than 10
4	Non-Filterable Residue (Total Suspended Solids)	IS 3025:Part 17:2022	mg/l	15.2	Not more than 20
5	Ammonical Nitrogen	IS 3025:Part 34:1988 (Reaffirmed:2019)	mg/l	4.4	Not more than 5
6	Total Nitrogen	IS 3025:Part 34:1988 (Reaffirmed:2019)	mg/l	8.6	Not more than 10
7	Fecal Coliform	APHA 24 th Edition 9221 E:2023	MPN/100 ml	70.0	Less than 100
Inference		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/15

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT AIR

Date: 17-02-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sampling location	Near STP area 300 KLD
	Monitoring done by	Raju K S, Field Technician
	Date of monitoring	07-02-2025
	Sampling procedure	As per respective test method
	Date of sample receipt	08-02-2025
	Particular	Ambient Air
	Date of commencement of analysis	08-02-2025
	Date of completion of analysis	12-02-2025
	Number of pages	1 of 1
	Sample number	GPL/2025/Feb/104
	Sample report number	GPL/2025/Feb/104
	ULR number	TC555125000000391F

Environmental conditions	
Ambient Temperature in °C	27
Humidity in %	53
Weather Condition	Clear sky
Wind Flow	Normal

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (size less than 10µm) or (PM ₁₀)	IS 5182:Part 23:2006 (Reaffirmed:2022)	µg/m ³	48.5	100
2	Sulphur Dioxide (SO ₂)	IS 5182:Part 2:2001 (Reaffirmed:2022)	µg/m ³	9.6	80
3	Nitrogen Dioxide (NO ₂)	IS 5182:Part 6:2006 (Reaffirmed:2022)	µg/m ³	19.8	80
Inference		Conforms to prescribed standards			

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

AUTHORISED SIGNATORY

Muniraju G (Q.M)

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TEST REPORT

GPL/T/F/15

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT AIR

Date: 17-02-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sampling location	Near DG area
	Monitoring done by	Shafiulla B, Field Technician
	Date of monitoring	07-02-2025
	Sampling procedure	As per respective test method
	Date of sample receipt	08-02-2025
	Particular	Ambient Air
	Date of commencement of analysis	08-02-2025
	Date of completion of analysis	12-02-2025
	Number of pages	1 of 1
	Sample number	GPL/2025/Feb/105
	Sample report number	GPL/2025/Feb/105
	ULR number	TC555125000000392F

Environmental conditions	
Ambient Temperature in °C	28
Humidity in %	44
Weather Condition	Clear sky
Wind Flow	Normal

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (size less than 10µm) or (PM ₁₀)	IS 5182:Part 23:2006 (Reaffirmed:2022)	µg/m ³	54.9	100
2	Sulphur Dioxide (SO ₂)	IS 5182:Part 2:2001 (Reaffirmed:2022)	µg/m ³	10.3	80
3	Nitrogen Dioxide (NO ₂)	IS 5182:Part 6:2006 (Reaffirmed:2022)	µg/m ³	20.2	80
Inference		Conforms to prescribed standards			

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

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 Muniraju G (Q.M)

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TEST REPORT

GPL/T/F/17

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT NOISE

Date: 15-02-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Monitoring done by	Raju K S, Field Technician
	Sampling procedure	IS 9989:1981 (Reaffirmed:2023)
	Date of monitoring	07-02-2025
	Particular	Ambient Noise
	Date of sample receipt	08-02-2025
	Environmental condition	Normal
	Number of pages	1 of 1
	Sample number	GPL/2025/Feb/101
	Sample report number	GPL/2025/Feb/101
	ULR number	TC555125000000388F

Day Time Ambient Noise

Sl. No.	Sample Location	Duration	Test Method	Noise level in dB(A) Leq	Standard*
1	Near Admin Block Entrance area	04:10 PM-04:15 PM	IS 9989:1981 (Reaffirmed:2023)	69.4	75 dB(A) Leq (6 AM-10 PM)
Inference		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	10:30 PM-10:35 PM	IS 9989:1981 (Reaffirmed:2023)	61.8	70 dB(A) Leq (10 PM-6 AM)
Inference		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)

End of the report

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TEST REPORT

GPL/T/F/13

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF WATER

Date: 18-02-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sample collected by	Raju K S, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	08-02-2025
	Date of sample receipt	10-02-2025
	Particular of sample	Borewell water collected from RO inlet near RO unit
	Date of commencement of analysis	10-02-2025
	Date of completion of analysis	15-02-2025
	Number of pages	1 of 2
	Sample number	GPL/2025/Feb/137
	Sample report number	GPL/2025/Feb/137
	ULR number	TC555125000000420F

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	580.0	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	0.20	0.5	1.0
9	Calcium as Ca	IS 3025:Part 40:2024	mg/l	67.3	75	200
10	Chloramines as Cl ₂	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	69.9	250	1000

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TEST REPORT

GPL/T/F/13

Number of pages	2 of 2
Sample number	GPL/2025/Feb/137
Sample report number	GPL/2025/Feb/137
ULR number	TC555125000000420F

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	6.3	30	100
16	Mineral Oil	IS 3025:Part 39:2021	mg/l	<0.3	0.5	No relaxation
17	Nitrate as NO ₃	IS 3025:Part 34:1988 (Reaffirmed:2019)	mg/l	<0.02	45	No relaxation
18	Sulphate as SO ₄	IS 3025:Part 24: Sec 1:2022	mg/l	201.5	200	400
19	Sulphide as H ₂ S	IS 3025:Part 29:2022	mg/l	<0.02	0.05	No relaxation
20	Total Alkalinity as CaCO ₃	IS 3025:Part 23:2023	mg/l	40.0	200	600
21	Total Hardness as CaCO ₃	IS 3025:Part 21:2009 (Reaffirmed:2023)	mg/l	194.0	200	600

Microbiology Test

Sl. No.	Parameter	Test Method	Unit	Result	Standard* (Clause 4.1.1)
1	Escherichia coli	IS 15185:2016 (Reaffirmed:2021)	CFU/250 ml	Absent	Shall not be detectable in any 100 ml sample
2	Total coliform bacteria	IS 15185:2016 (Reaffirmed:2021)	CFU/250 ml	Absent	Shall not be detectable in any 100 ml sample
Inference		The Sample Exceed Acceptable limit but meets the Permissible limit of Prescribed Standard			

Note: 1. * As per IS 10500:2012 (Reaffirmed: 2023)

2. CFU - Colony Forming Unit

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Muniraju G (Q.M.)

End of the report

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TEST REPORT

GPL/T/F/13A

ANALYSIS REPORT OF WATER

Date: 19-02-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sample collected by	Raju K S, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	08-02-2025
	Date of sample receipt	10-02-2025
	Particular of sample	Borewell water collected from RO inlet near RO unit
	Date of commencement of analysis	11-02-2025
	Date of completion of analysis	15-02-2025
	Number of pages	1 of 2
	Sample number	GPL/2025/Feb/137
	Sample report number	GPL/2025/Feb/137A

Sl. No.	Parameter	Test Method	Unit	Result	Standard*	
					Acceptable Limit	Permissible Limit
1	Phenolic Compounds as C ₆ H ₅ OH	IS 3025:(Part 43/Sec-1):2022	mg/l	<0.001	0.001	0.002
2	Anionic Detergents as MBAS	IS 3025:(Part 68):2023	mg/l	<0.1	0.2	1.0
3	Cyanide as CN	IS 3025:(Part 27/Sec-1):2021	mg/l	<0.01	0.05	No relaxation
4	Lead as Pb	IS 3025:(Part 65):2022	mg/l	<0.005	0.01	No relaxation
5	Copper as Cu	IS 3025:(Part 65):2022	mg/l	0.002	0.05	1.5
6	Total Chromium as Cr	IS 3025:(Part 65):2022	mg/l	<0.005	0.05	No relaxation
7	Cadmium as Cd	IS 3025:Part 65:2022	mg/l	<0.0005	0.003	No relaxation
8	Total Arsenic as As	IS 3025:(Part 65):2022	mg/l	<0.005	0.01	No relaxation

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TEST REPORT

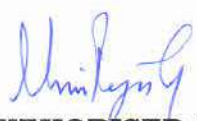
GPL/T/F/13A

Number of pages	2 of 2
Sample number	GPL/2025/Feb/137
Sample report number	GPL/2025/Feb/137A

Sl. No.	Parameter	Test Method	Unit	Result	Standard*	
					Acceptable Limit	Permissible Limit
9	Nickel as Ni	IS 3025:(Part 65):2022	mg/l	<0.005	0.02	No relaxation
10	Silver as Ag	IS 3025:(Part 65):2022	mg/l	<0.005	0.1	No relaxation
11	Selenium as Se	IS 3025:(Part 65):2022	mg/l	<0.005	0.01	No relaxation
12	Manganese as Mn	IS 3025:(Part 65):2022	mg/l	<0.005	0.1	0.3
13	Barium as Ba	IS 3025:(Part 65):2022	mg/l	0.066	0.7	No relaxation
14	Aluminum as Al	IS 3025:(Part 65):2022	mg/l	<0.01	0.03	0.2
15	Molybdenum as Mo	IS 3025:(Part 65):2022	mg/l	<0.005	0.07	No relaxation
16	Mercury as Hg	IS 3025:(Part 65):2022	mg/l	<0.0005	0.001	No relaxation
Inference		Conforms to prescribed standards				

Note: 1. * As per IS 10500:2012 (Reaffirmed:2023)

2. Above mentioned parameters has been outsourced.


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: 20-02-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Monitoring done by	Raju K S, Field Technician
	Sampling procedure	IS 9989:1981 (Reaffirmed:2023)
	Date of monitoring	07-02-2025
	Particular	DG Noise
	Date of sample receipt	08-02-2025
	Environmental condition	Normal
	Number of pages	1 of 1
	Sample number	GPL/2025/Feb/100
	Sample report number	GPL/2025/Feb/100
	ULR number	TC555125000000387F

Day Time DG Noise

Sl. No.	Sample Locations	Duration	Test Method	Noise level in dB(A) Leq	Standard*
1	1065 KVA DG set - 1 at 0.5 Meter	09:40 AM-09:45 AM	IS 9989:1981 (Reaffirmed:2023)	72.6	75 dB(A) Leq (6 AM-10 PM)
2	1065 KVA DG set - 1 at 1.0 Meter	09:50 AM-09:55 AM		71.4	
3	1065 KVA DG set - 1 at 1.5 Meter	10:00 AM-10:05 AM		69.8	
Inference		Conforms to prescribed standard			

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

Muniraju G
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: 18-02-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sample collected by	Shafiulla B, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	08-02-2025
	Date of sample receipt	10-02-2025
	Particular of sample	RO drinking water collected from RO outlet near RO unit
	Date of commencement of analysis	10-02-2025
	Date of completion of analysis	15-02-2025
	Number of pages	1 of 2
	Sample number	GPL/2025/Feb/136
	Sample report number	GPL/2025/Feb/136
	ULR number	TC555125000000419F

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	28.0	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	0.08	0.5	1.0
9	Calcium as Ca	IS 3025:Part 40:2024	mg/l	3.2	75	200
10	Chloramines as Cl ₂	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

(Signature)

Continued....,

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TEST REPORT

GPL/T/F/13

Number of pages	2 of 2
Sample number	GPL/2025/Feb/136
Sample report number	GPL/2025/Feb/136
ULR number	TC555125000000419F


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 ₃	IS 3025:Part 34:1988 (Reaffirmed:2019)	mg/l	<0.02	45	No relaxation
18	Sulphate as SO ₄	IS 3025:Part 24: Sec 1:2022	mg/l	<0.1	200	400
19	Sulphide as H ₂ S	IS 3025:Part 29:2022	mg/l	<0.02	0.05	No relaxation
20	Total Alkalinity as CaCO ₃	IS 3025:Part 23:2023	mg/l	15.0	200	600
21	Total Hardness as CaCO ₃	IS 3025:Part 21:2009 (Reaffirmed:2023)	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)	CFU/250 ml	Absent	Shall not be detectable in any 100 ml sample
2	Total coliform bacteria	IS 15185:2016 (Reaffirmed:2021)	CFU/250 ml	Absent	Shall not be detectable in any 100 ml sample
Inference		Conforms to prescribed standards			

Note: 1. * As per IS 10500:2012 (Reaffirmed: 2023)

2. CFU - Colony Forming Unit


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 Muniraj G (Q.M)

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TEST REPORT

GPL/T/F/13A

ANALYSIS REPORT OF WATER

Date: 19-02-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sample collected by	Shafiulla B, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	08-02-2025
	Date of sample receipt	10-02-2025
	Particular of sample	RO drinking water collected from RO outlet near RO unit
	Date of commencement of analysis	11-02-2025
	Date of completion of analysis	15-02-2025
	Number of pages	1 of 2
	Sample number	GPL/2025/Feb/136
	Sample report number	GPL/2025/Feb/136A

Sl. No.	Parameter	Test Method	Unit	Result	Standard*	
					Acceptable Limit	Permissible Limit
1	Phenolic Compounds as C ₆ H ₅ OH	IS 3025:(Part 43/ Sec-1):2022	mg/l	<0.001	0.001	0.002
2	Anionic Detergents as MBAS	IS 3025:(Part 68):2023	mg/l	<0.1	0.2	1.0
3	Cyanide as CN	IS 3025:(Part 27/ Sec-1):2021	mg/l	<0.01	0.05	No relaxation
4	Lead as Pb	IS 3025:(Part 65):2022	mg/l	<0.005	0.01	No relaxation
5	Copper as Cu	IS 3025:(Part 65):2022	mg/l	0.001	0.05	1.5
6	Total Chromium as Cr	IS 3025:(Part 65):2022	mg/l	<0.005	0.05	No relaxation
7	Cadmium as Cd	IS 3025:Part 65:2022	mg/l	<0.0005	0.003	No relaxation
8	Total Arsenic as As	IS 3025:(Part 65):2022	mg/l	<0.005	0.01	No relaxation

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TEST REPORT

GPL/T/F/13A

Number of pages	2 of 2
Sample number	GPL/2025/Feb/136
Sample report number	GPL/2025/Feb/136A

Sl. No.	Parameter	Test Method	Unit	Result	Standard*	
					Acceptable Limit	Permissible Limit
9	Nickel as Ni	IS 3025:(Part 65):2022	mg/l	<0.005	0.02	No relaxation
10	Silver as Ag	IS 3025:(Part 65):2022	mg/l	<0.005	0.1	No relaxation
11	Selenium as Se	IS 3025:(Part 65):2022	mg/l	<0.005	0.01	No relaxation
12	Manganese as Mn	IS 3025:(Part 65):2022	mg/l	0.07	0.1	0.3
13	Barium as Ba	IS 3025:(Part 65):2022	mg/l	<0.005	0.7	No relaxation
14	Aluminum as Al	IS 3025:(Part 65):2022	mg/l	0.016	0.03	0.2
15	Molybdenum as Mo	IS 3025:(Part 65):2022	mg/l	<0.005	0.07	No relaxation
16	Mercury as Hg	IS 3025:(Part 65):2022	mg/l	<0.0005	0.001	No relaxation
Inference		Conforms to prescribed standards				

Note: 1. * As per IS 10500:2012 (Reaffirmed:2023)

2. Above mentioned parameters has been outsourced.


AUTHORISED SIGNATORY
Muniraju G (Q.M)

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TEST REPORT

GPL/T/F/16

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF SOURCE EMISSION

Date: 17-02-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Chimney attached to	1065 KVA DG set - 01
	Monitoring done by	Raju K S, Field Technician
	Date of monitoring	07-02-2025
	Sampling procedure	As per respective test method
	Date of sample receipt	08-02-2025
	Particular	Source Emission
	Date of commencement of analysis	08-02-2025
	Date of completion of analysis	12-02-2025
	Number of pages	1 of 1
	Sample number	GPL/2025/Feb/102
	Sample report number	GPL/2025/Feb/102
	ULR number	TC555125000000389F

General Details

Fuel used	Diesel
Ambient temperature in °C	29
Humidity in %	46
Velocity in m/s	29.7
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 ²	0.0962
Flue gas temperature in °C	146

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (PM)	IS 11255:Part 1:1985 (Reaffirmed:2019)	mg/Nm ³	59.6	150
2	Sulphur Dioxide (SO ₂)	IS 11255:Part 2:1985 (Reaffirmed:2019)	mg/Nm ³	14.9	100
3	Oxides of Nitrogen (NO ₂)	IS 11255:Part 7:2005 (Reaffirmed:2022)	mg/Nm ³	19.3	50
Inference		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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TC-5551

TEST REPORT

GPL/T/F/16

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF SOURCE EMISSION

Date: 17-02-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Chimney attached to	1065 KVA DG set - 02
	Monitoring done by	Shafiulla B, Field Technician
	Date of monitoring	07-02-2025
	Sampling procedure	As per respective test method
	Date of sample receipt	08-02-2025
	Particular	Source Emission
	Date of commencement of analysis	08-02-2025
	Date of completion of analysis	12-02-2025
	Number of pages	1 of 1
	Sample number	GPL/2025/Feb/103
	Sample report number	GPL/2025/Feb/103
	ULR number	TC555125000000390F

General Details

Fuel used	Diesel
Ambient temperature in °C	29
Humidity in %	46
Velocity in m/s	30.0
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 ²	0.0962
Flue gas temperature in °C	153

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (PM)	IS 11255:Part 1:1985 (Reaffirmed:2019)	mg/Nm ³	53.9	150
2	Sulphur Dioxide (SO ₂)	IS 11255:Part 2:1985 (Reaffirmed:2019)	mg/Nm ³	13.6	100
3	Oxides of Nitrogen (NO ₂)	IS 11255:Part 7:2005 (Reaffirmed:2022)	mg/Nm ³	23.4	50
Inference		Conforms to prescribed standards			

Note: 1. * As per KSPCB Consent copy

2. AGL - Above Ground Level

AUTHORISED SIGNATORY
 Muniraju G (Q.M.)

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TC-5551

TEST REPORT

GPL/T/F/14


ANALYSIS REPORT (ACCREDITED PARAMETERS) OF WASTE WATER

Date: 15-03-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sample collected by	Raju K S, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	08-03-2025
	Date of sample receipt	10-03-2025
	Particular of sample	Treated sewage sample collected from sand filter outlet
	Date of commencement of analysis	10-03-2025
	Date of completion of analysis	15-03-2025
	Number of pages	1 of 1
	Sample number	GPL/2025/Mar/172
	Sample report number	GPL/2025/Mar/172
	ULR number	TC555125000000708F

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	pH	IS 3025:Part 11:2022	-	6.9	6.5-9.0
2	Chemical Oxygen Demand	IS 3025:Part 58:2023	mg/l	36.0	Not more than 50
3	Bio-Chemical Oxygen Demand (3 days @ 27 °C)	IS 3025:Part 44:2023	mg/l	6.0	Not more than 10
4	Non-Filterable Residue (Total Suspended Solids)	IS 3025:Part 17:2022	mg/l	15.8	Not more than 20
5	Ammonical Nitrogen	IS 3025:Part 34:1988 (Reaffirmed:2019)	mg/l	4.2	Not more than 5
6	Total Nitrogen	IS 3025:Part 34:1988 (Reaffirmed:2019)	mg/l	8.4	Not more than 10
7	Fecal Coliform	APHA 24 th Edition 9221 E:2023	MPN/100 ml	79.0	Less than 100
Inference		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/15

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT AIR

Date: 13-03-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sampling location	Near Admin Block Entrance area
	Monitoring done by	Kiran G L, Field Technician
	Date of monitoring	07-03-2025
	Sampling procedure	As per respective test method
	Date of sample receipt	08-03-2025
	Particular	Ambient Air
	Date of commencement of analysis	08-03-2025
	Date of completion of analysis	12-03-2025
	Number of pages	1 of 1
	Sample number	GPL/2025/Mar/138
	Sample report number	GPL/2025/Mar/138
	ULR number	TC555125000000684F

Environmental conditions	
Ambient Temperature in °C	29
Humidity in %	43
Weather Condition	Clear sky
Wind Flow	Normal

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (size less than 10µm) or (PM ₁₀)	IS 5182:Part 23:2006 (Reaffirmed:2022)	µg/m ³	55.9	100
2	Sulphur Dioxide (SO ₂)	IS 5182:Part 2:2001 (Reaffirmed:2022)	µg/m ³	11.3	80
3	Nitrogen Dioxide (NO ₂)	IS 5182:Part 6:2006 (Reaffirmed:2022)	µg/m ³	20.5	80
Inference		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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TC-5551

TEST REPORT

GPL/T/F/15

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT AIR

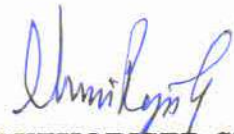
Date: 13-03-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sampling location	Near Water Pond area
	Monitoring done by	Raju K S, Field Technician
	Date of monitoring	07-03-2025
	Sampling procedure	As per respective test method
	Date of sample receipt	08-03-2025
	Particular	Ambient Air
	Date of commencement of analysis	08-03-2025
	Date of completion of analysis	12-03-2025
	Number of pages	1 of 1
	Sample number	GPL/2025/Mar/139
	Sample report number	GPL/2025/Mar/139
	ULR number	TC555125000000685F

Environmental conditions	
Ambient Temperature in °C	30
Humidity in %	40
Weather Condition	Clear sky
Wind Flow	Normal

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (size less than 10µm) or (PM ₁₀)	IS 5182:Part 23:2006 (Reaffirmed:2022)	µg/m ³	48.5	100
2	Sulphur Dioxide (SO ₂)	IS 5182:Part 2:2001 (Reaffirmed:2022)	µg/m ³	8.0	80
3	Nitrogen Dioxide (NO ₂)	IS 5182:Part 6:2006 (Reaffirmed:2022)	µg/m ³	15.4	80
Inference		Conforms to prescribed standards			

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


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 Muniraju G (Q.M.)

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ISO 45001 : 2018 (OHSAS) CERTIFIED LABORATORY



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

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TEST REPORT

GPL/T/F/17

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF AMBIENT NOISE

Date: 11-03-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Monitoring done by	Raju K S, Field Technician
	Sampling procedure	IS 9989:1981 (Reaffirmed:2023)
	Date of monitoring	07-03-2025
	Particular	Ambient Noise
	Date of sample receipt	08-03-2025
	Environmental condition	Normal
	Number of pages	1 of 1
	Sample number	GPL/2025/Mar/135
	Sample report number	GPL/2025/Mar/135
	ULR number	TC555125000000681F


Day Time Ambient Noise

Sl. No.	Sample Location	Duration	Test Method	Noise level in dB(A) Leq	Standard*
1	Near Water Pond area	07:10 AM-07:15 AM	IS 9989:1981 (Reaffirmed:2023)	73.1	75 dB(A) Leq (6 AM-10 PM)
Inference		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	10:20 PM-10:25 PM	IS 9989:1981 (Reaffirmed:2023)	67.5	70 dB(A) Leq (10 PM-6 AM)
Inference		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/13

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF WATER

Date: 15-03-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sample collected by	Kiran G L, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	08-03-2025
	Date of sample receipt	10-03-2025
	Particular of sample	Borewell water collected from RO inlet near RO unit
	Date of commencement of analysis	10-03-2025
	Date of completion of analysis	13-03-2025
	Number of pages	1 of 2
	Sample number	GPL/2025/Mar/174
	Sample report number	GPL/2025/Mar/174
	ULR number	TC555125000000710F

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	-	7.6	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	566	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	0.18	0.5	1.0
9	Calcium as Ca	IS 3025:Part 40:2024	mg/l	67.3	75	200
10	Chloramines as Cl ₂	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	63.9	250	1000

[Signature]

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TEST REPORT

GPL/T/F/13

Number of pages	2 of 2
Sample number	GPL/2025/Mar/174
Sample report number	GPL/2025/Mar/174
ULR number	TC555125000000710F


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	6.8	30	100
16	Mineral Oil	IS 3025:Part 39:2021	mg/l	<0.3	0.5	No relaxation
17	Nitrate as NO ₃	IS 3025:Part 34:1988 (Reaffirmed:2019)	mg/l	<0.02	45	No relaxation
18	Sulphate as SO ₄	IS 3025:Part 24: Sec 1:2022	mg/l	197.6	200	400
19	Sulphide as H ₂ S	IS 3025:Part 29:2022	mg/l	<0.02	0.05	No relaxation
20	Total Alkalinity as CaCO ₃	IS 3025:Part 23:2023	mg/l	30.0	200	600
21	Total Hardness as CaCO ₃	IS 3025:Part 21:2009 (Reaffirmed:2023)	mg/l	196.0	200	600

Microbiology Test

Sl. No.	Parameter	Test Method	Unit	Result	Standard* (Clause 4.1.1)
1	Escherichia coli	IS 15185:2016 (Reaffirmed:2021)	CFU/250 ml	Absent	Shall not be detectable in any 100 ml sample
2	Total coliform bacteria	IS 15185:2016 (Reaffirmed:2021)	CFU/250 ml	Absent	Shall not be detectable in any 100 ml sample
Inference		The Sample Exceed Acceptable limit but meets the Permissible limit of Prescribed Standard			

Note: 1. * As per IS 10500:2012 (Reaffirmed: 2023)

2. CFU - Colony Forming Unit


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: 18-03-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sample collected by	Kiran G L, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	08-03-2025
	Date of sample receipt	10-03-2025
	Particular of sample	Borewell water collected from RO inlet near RO unit
	Date of commencement of analysis	11-03-2025
	Date of completion of analysis	17-03-2025
	Number of pages	1 of 2
	Sample number	GPL/2025/Mar/174
	Sample report number	GPL/2025/Mar/174A

Sl. No.	Parameter	Test Method	Unit	Result	Standard*	
					Acceptable Limit	Permissible Limit
1	Phenolic Compounds as C ₆ H ₅ OH	IS 3025:(Part 43/Sec-1):2022	mg/l	<0.001	0.001	0.002
2	Anionic Detergents as MBAS	IS 3025:(Part 68):2023	mg/l	<0.1	0.2	1.0
3	Cyanide as CN	IS 3025:(Part 27/Sec-1):2021	mg/l	<0.01	0.05	No relaxation
4	Lead as Pb	IS 3025:(Part 65):2022	mg/l	<0.005	0.01	No relaxation
5	Copper as Cu	IS 3025:(Part 65):2022	mg/l	<0.00025	0.05	1.5
6	Total Chromium as Cr	IS 3025:(Part 65):2022	mg/l	<0.005	0.05	No relaxation
7	Cadmium as Cd	IS 3025:Part 65:2022	mg/l	<0.0005	0.003	No relaxation
8	Total Arsenic as As	IS 3025:(Part 65):2022	mg/l	<0.005	0.01	No relaxation

Continued.....

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TEST REPORT

GPL/T/F/13A

Number of pages	2 of 2
Sample number	GPL/2025/Mar/174
Sample report number	GPL/2025/Mar/174A

Sl. No.	Parameter	Test Method	Unit	Result	Standard*	
					Acceptable Limit	Permissible Limit
9	Nickel as Ni	IS 3025:(Part 65):2022	mg/l	<0.005	0.02	No relaxation
10	Silver as Ag	IS 3025:(Part 65):2022	mg/l	<0.005	0.1	No relaxation
11	Selenium as Se	IS 3025:(Part 65):2022	mg/l	<0.005	0.01	No relaxation
12	Manganese as Mn	IS 3025:(Part 65):2022	mg/l	<0.005	0.1	0.3
13	Barium as Ba	IS 3025:(Part 65):2022	mg/l	0.007	0.7	No relaxation
14	Aluminum as Al	IS 3025:(Part 65):2022	mg/l	<0.01	0.03	0.2
15	Molybdenum as Mo	IS 3025:(Part 65):2022	mg/l	<0.005	0.07	No relaxation
16	Mercury as Hg	IS 3025:(Part 65):2022	mg/l	<0.0005	0.001	No relaxation
Inference		Conforms to prescribed standards				

Note: 1. * As per IS 10500:2012 (Reaffirmed:2023)
2. Above mentioned parameters has been outsourced.


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: 11-03-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Monitoring done by	Kiran G L, Field Technician
	Sampling procedure	IS 9989:1981 (Reaffirmed:2023)
	Date of monitoring	07-03-2025
	Particular	DG Noise
	Date of sample receipt	08-03-2025
	Environmental condition	Normal
	Number of pages	1 of 1
	Sample number	GPL/2025/Mar/134
	Sample report number	GPL/2025/Mar/134
	ULR number	TC555125000000680F

Day Time DG Noise

Sl. No.	Sample Locations	Duration	Test Method	Noise level in dB(A) Leq	Standard*
1	1065 KVA DG set - 2 at 0.5 Meter	07:20 AM-07:25 AM	IS 9989:1981 (Reaffirmed:2023)	73.5	75 dB(A) Leq (6 AM-10 PM)
2	1065 KVA DG set - 2 at 1.0 Meter	07:30 AM-07:35 AM		72.3	
3	1065 KVA DG set - 2 at 1.5 Meter	07:40 AM-07:45 AM		71.7	
Inference		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/13

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF WATER

Date: 15-03-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sample collected by	Raju K S, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	08-03-2025
	Date of sample receipt	10-03-2025
	Particular of sample	RO drinking water collected from RO outlet near RO unit
	Date of commencement of analysis	10-03-2025
	Date of completion of analysis	13-03-2025
	Number of pages	1 of 2
	Sample number	GPL/2025/Mar/173
	Sample report number	GPL/2025/Mar/173
	ULR number	TC555125000000709F

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	-	7.1	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	34.0	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 40:2024	mg/l	4.0	75	200
10	Chloramines as Cl ₂	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	6.9	250	1000

[Signature]

Continued....

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TEST REPORT

GPL/T/F/13

Number of pages	2 of 2
Sample number	GPL/2025/Mar/173
Sample report number	GPL/2025/Mar/173
ULR number	TC555125000000709F

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 ₃	IS 3025:Part 34:1988 (Reaffirmed:2019)	mg/l	<0.02	45	No relaxation
18	Sulphate as SO ₄	IS 3025:Part 24: Sec 1:2022	mg/l	<0.1	200	400
19	Sulphide as H ₂ S	IS 3025:Part 29:2022	mg/l	<0.02	0.05	No relaxation
20	Total Alkalinity as CaCO ₃	IS 3025:Part 23:2023	mg/l	10.0	200	600
21	Total Hardness as CaCO ₃	IS 3025:Part 21:2009 (Reaffirmed:2023)	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)	CFU/250 ml	Absent	Shall not be detectable in any 100 ml sample
2	Total coliform bacteria	IS 15185:2016 (Reaffirmed:2021)	CFU/250 ml	Absent	Shall not be detectable in any 100 ml sample
Inference		Conforms to prescribed standards			

Note: 1. * As per IS 10500:2012 (Reaffirmed: 2023)

2. CFU - Colony Forming Unit

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: 18-03-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Sample collected by	Raju K S, Field Technician
	Sampling procedure	IS 17614:Part 1:2021
	Date of collection	08-03-2025
	Date of sample receipt	10-03-2025
	Particular of sample	RO drinking water collected from RO outlet near RO unit
	Date of commencement of analysis	11-03-2025
	Date of completion of analysis	17-03-2025
	Number of pages	1 of 2
	Sample number	GPL/2025/Mar/173
	Sample report number	GPL/2025/Mar/173A

Sl. No.	Parameter	Test Method	Unit	Result	Standard*	
					Acceptable Limit	Permissible Limit
1	Phenolic Compounds as C ₆ H ₅ OH	IS 3025:(Part 43/Sec-1):2022	mg/l	<0.001	0.001	0.002
2	Anionic Detergents as MBAS	IS 3025:(Part 68):2023	mg/l	<0.1	0.2	1.0
3	Cyanide as CN	IS 3025:(Part 27/Sec-1):2021	mg/l	<0.01	0.05	No relaxation
4	Lead as Pb	IS 3025:(Part 65):2022	mg/l	<0.005	0.01	No relaxation
5	Copper as Cu	IS 3025:(Part 65):2022	mg/l	0.0003	0.05	1.5
6	Total Chromium as Cr	IS 3025:(Part 65):2022	mg/l	<0.005	0.05	No relaxation
7	Cadmium as Cd	IS 3025:Part 65:2022	mg/l	<0.0005	0.003	No relaxation
8	Total Arsenic as As	IS 3025:(Part 65):2022	mg/l	<0.005	0.01	No relaxation

Continued.....

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TEST REPORT

GPL/T/F/13A

Number of pages	2 of 2
Sample number	GPL/2025/Mar/173
Sample report number	GPL/2025/Mar/173A

Sl. No.	Parameter	Test Method	Unit	Result	Standard*	
					Acceptable Limit	Permissible Limit
9	Nickel as Ni	IS 3025:(Part 65):2022	mg/l	<0.005	0.02	No relaxation
10	Silver as Ag	IS 3025:(Part 65):2022	mg/l	<0.005	0.1	No relaxation
11	Selenium as Se	IS 3025:(Part 65):2022	mg/l	<0.005	0.01	No relaxation
12	Manganese as Mn	IS 3025:(Part 65):2022	mg/l	<0.005	0.1	0.3
13	Barium as Ba	IS 3025:(Part 65):2022	mg/l	<0.005	0.7	No relaxation
14	Aluminum as Al	IS 3025:(Part 65):2022	mg/l	<0.01	0.03	0.2
15	Molybdenum as Mo	IS 3025:(Part 65):2022	mg/l	<0.005	0.07	No relaxation
16	Mercury as Hg	IS 3025:(Part 65):2022	mg/l	<0.0005	0.001	No relaxation
Inference		Conforms to prescribed standards				

Note: 1. * As per IS 10500:2012 (Reaffirmed:2023)
2. Above mentioned parameters has been outsourced.


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: 13-03-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Chimney attached to	1065 KVA DG Set - 01
	Monitoring done by	Kiran G L, Field Technician
	Date of monitoring	07-03-2025
	Sampling procedure	As per respective test method
	Date of sample receipt	08-03-2025
	Particular	Source Emission
	Date of commencement of analysis	08-03-2025
	Date of completion of analysis	12-03-2025
	Number of pages	1 of 1
	Sample number	GPL/2025/Mar/136
	Sample report number	GPL/2025/Mar/136
	ULR number	TC555125000000682F

General Details

Fuel used	Diesel
Ambient temperature in °C	33
Humidity in %	40
Velocity in m/s	37.9
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 ²	0.0962
Flue gas temperature in °C	232

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (PM)	IS 11255:Part 1:1985 (Reaffirmed:2019)	mg/Nm ³	54.2	150
2	Sulphur Dioxide (SO ₂)	IS 11255:Part 2:1985 (Reaffirmed:2019)	mg/Nm ³	15.9	100
3	Oxides of Nitrogen (NO ₂)	IS 11255:Part 7:2005 (Reaffirmed:2022)	mg/Nm ³	18.8	50
Inference		Conforms to prescribed standards			

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

Muniraju G
AUTHORISED SIGNATORY
 Muniraju G (Q.M)

End of the report

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



Ganga Enviro Tech (OPC) Private Limited

CPCB Recognized Environmental Laboratory Under E (P) Act 1986

ISO 45001 : 2018 (OHSAS) CERTIFIED LABORATORY

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TC-5551

TEST REPORT

GPL/T/F/16

ANALYSIS REPORT (ACCREDITED PARAMETERS) OF SOURCE EMISSION

Date: 13-03-2025

Address of the customer	Report Details	
M/s AEQUS SEZ PRIVATE LIMITED Sy. No. 437/A, 438 and 439, Hattargi Village, Hukkeri Taluk, Chikkodi, Belagavi District	Chimney attached to	1065 KVA DG Set - 02
	Monitoring done by	Raju K S, Field Technician
	Date of monitoring	07-03-2025
	Sampling procedure	As per respective test method
	Date of sample receipt	08-03-2025
	Particular	Source Emission
	Date of commencement of analysis	08-03-2025
	Date of completion of analysis	12-03-2025
	Number of pages	1 of 1
	Sample number	GPL/2025/Mar/137
	Sample report number	GPL/2025/Mar/137
	ULR number	TC555125000000683F

General Details

Fuel used	Diesel
Ambient temperature in °C	33
Humidity in %	40
Velocity in m/s	36.7
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 ²	0.0962
Flue gas temperature in °C	206

Sl. No.	Parameter	Test Method	Unit	Result	Standard*
1	Particulate Matter (PM)	IS 11255:Part 1:1985 (Reaffirmed:2019)	mg/Nm ³	61.8	150
2	Sulphur Dioxide (SO ₂)	IS 11255:Part 2:1985 (Reaffirmed:2019)	mg/Nm ³	16.5	100
3	Oxides of Nitrogen (NO ₂)	IS 11255:Part 7:2005 (Reaffirmed:2022)	mg/Nm ³	19.3	50
Inference		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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