



**KERALA STATE POLLUTION CONTROL BOARD  
CENTRAL LABORATORY**

**കേരള സംസ്ഥാനമലിനീകരണ നിയന്ത്രണ ബോർഡ്**

**കേന്ദ്ര പരീക്ഷണശാല**

**An Environmental Laboratory recognised under E(P)A 1986**



**Certificate No.  
TC 8525**

Ref. No. PCB/CL/RL/44/2018



Date: 02.12.2023

(Four page Document)

**CERTIFICATE OF APPROVAL OF LABORATORY  
'A' GRADE – COMMERCIAL CATEGORY'**

**Approval No. PCB/CL/RL/44/2023**

**Valid up to 06.09.2025**

- Ref: 1. Certificate of approval No. PCB/CL/RL/44/2018 dated 27.11.2023 valid up to 06.09.2023.  
2. Application dated 07.06.2023.  
3. Copy of NABL accreditation certificate No.TC-6259 dated 07.09.2023 valid up to 06/09/2025

The Certificate of approval issued to **M/s. FQ LAB AND RESEARCH CENTRE PRIVATE LIMITED, OS-30 & 31, III Floor, GCDA Shopping Complex, Shanmugham Road, Marine Drive, Kochi - 31** for maintenance of their laboratory as A Grade commercial laboratory for analysis of quality/pollution parameters for Water and Wastewater is hereby renewed based on the particulars furnished in the application cited and the inspection findings and subject to the following conditions.

**CONDITIONS**

1. This certificate is granted subject to power of the Board to review, revise or revoke the same.
2. This certificate, subject to Condition No.1, shall be valid up to **06.09.2025**. In case the continuance of approval is desired, application shall be submitted at least two months in advance of the date of expiry to the Chief Environmental Scientist, Kerala State Pollution Control Board, Gandhinagar, Ernakulam-682 020. Submission of application after the expiry date of the approval will attract a fine as given in this office Circular No.PCB/CL/RL/GEN/2007 dated 04/04/2007.

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3. Any change of Address, Management or Analytical personnel shall be reported to the Chief Environmental Scientist (I/c), with bio-data of the newly appointed persons.
4. Records of all analytical works and result shall be maintained for a minimum period of six months and shall be produced, for inspection by the Board Officers.
5. The Laboratory shall take part in analytical quality control exercise conducted by the Board.
6. The method of analysis of each parameter should be specified in the analysis report.
7. The authenticity/accuracy of results will be considered in increasing order from grade C to B to A, when results of the same samples are reported by laboratories of different grades.
8. The approval is applicable for analysis of the following parameters in relevant to the fields viz. Water and Wastewater samples.
9. The washings and balance of samples of effluent shall be treated and disposed of safely.

**Note:** The approval of 'A' grade category of the laboratory is on the basis of validity of NABL accreditation.

#### **'A GRADE PARAMETERS'**

#### **WATER/WASTEWATER/SOLID WASTE**

1. Colour
2. Turbidity
3. Total Alkalinity (as  $\text{CaCO}_3$ )
4. Total Solids
5. Total Dissolved Solids
6. Total Suspended Solids
7. Total Hardness
8. Calcium (as Ca)
9. Magnesium (as Mg)
10. pH Value
11. Chloride (as  $\text{Cl}^-$ )
12. Fluoride (as  $\text{F}^-$ )
13. Sulphate (as  $\text{SO}_4^{2-}$ )
14. Dissolved Oxygen
15. Sulphide as  $\text{S}^{2-}$
16. Residual Chlorine
17. BOD
18. COD

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19. Oil and Grease
20. Anionic Detergents
21. Nitrates
22. Ammonia Nitrogen (as NH<sub>3</sub>N)
23. Iron (as Fe)
24. Aluminium
25. Copper
26. Lead
27. Arsenic
28. Cadmium
29. Mercury
30. Zinc
31. Manganese (as Mn)
32. Chromium (as Cr)
33. Selenium (as Se)
34. Molybdenum (as Mo)
35. Nickel (as Ni)
36. Barium (as Ba)
37. Silver (as Ag)
38. Total Coliforms
39. Fecal Coliforms
40. Escherichia Coli

**'B GRADE PARAMETERS'**

**WATER/WASTEWATER/SOLID WASTE**

1. Odour
2. Acidity
3. Conductivity
4. Salinity

**For and on behalf of the  
KERALA STATE POLLUTION CONTROL BOARD**

  
**V. T. SAJIMON**

**CHIEF ENVIRONMENTAL SCIENTIST & GOVT. ANALYST**

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**To: Mr. O. RAGHUNATH,  
Deputy Chief Executive,  
FQ Lab and Research Centre Private Limited,  
OS -30 & 31, 3<sup>rd</sup> Floor, GCDA Shopping Complex,  
Marine Drive, Shanmugham Road, Kochi - 682 031.**

- Copy to:
1. The Member Secretary,  
Kerala State Pollution Control Board,  
Thiruvananthapuram.
  2. The Environmental Engineer,  
Kerala State Pollution Control Board  
District Office, Ernakulam
  3. Stock file.