

CUBE

ENVIRONMENT LABORATORY [CEL]

*A State of the Art Laboratory specialising in Water,
Wastewater, Solid Waste & Soil Testing. ISO 9001, 14001,
45001 Certified & NABL 17025:2017 Accredited*

Fostered by IIT Madras & TNPCB





A Commitment to Accuracy & Quality

CEL is a full-service environmental testing laboratory fostered by Tamil Nadu Pollution Control Board and IIT Madras. Equipped with state-of-the-art equipment, we offer a wide range of analytical, testing and consultancy services across water, waste water and solid waste to municipal, industrial, household and private concerns.



ABOUT CEL

At CEL, compliance is a way of life. As your partner in problem-solving, we adopt stringent quality control and safety measures to provide scientifically sound results that are compliant with national regulations.

We are the environmental testing lab that has - and does - it all. Our diversified testing services span across all components of environmental concerns - from pH and turbidity to advanced parameters like COD & trace heavy metals, all under one roof. Our unmatched capacity coupled with a deep focus on quality standards, we offer clients specialized services that accomplish objectives and also lead to new possibilities.

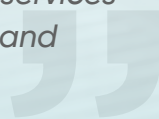


OBJECTIVES



Vision

To be the pioneers and leaders in comprehensive environmental testing services and provide customers with accurate and reliable test results.



Uphold integrity & professionalism in everything we do.

Maintain competence across the entire organization.

Create an environment that fosters team collaboration and productivity.

Build trust & loyalty with superior service.

Maintain firm compliance with State and National regulations.

Inspire, innovate & excel in all that we do.



DOMAINS

WATER

Distilled / Demineralized Water
Drinking Water
Ground Water/ Surface Water
Packaged Water
Source Water
Water for Construction
Purpose
Process Water
Boiler Water
Cooling Water
Water for Swimming Pool and Spas
Marine Water
Aquarium Water
Water Purifying Systems



WASTE WATER

Effluents (Inlet and out-let)
Wastewater (Inlet & outlet)
Sewage & Septage (Inlet and outlet)



SOLID WASTE

Classification
Testing of Solid Waste from various sources



SOIL

All Parameters, Physical,
Chemical and Heavy Metals

Has state of the art equipment and is furnished with good quality op-erational infrastructure with adequate safety and security measures in place. The laboratory is furnished with SEFA certified laboratory furniture.

Having a set of core values provides a guide, a North Star, to help us navigate and stay on the right path as our business grows.

While most organizations have a vision statement & a set of core values in CEL our core values aren't just a nice poster on a wall, but, are strategically integrated into every-thing we do.

Our core values define who we are & how we act as employees & as a **team**



CORE VALUES

Our core values are the fundamental beliefs and guiding principles that shape CUBE's identity. These values act as a unifying force and provide a sense of direction.

Superlative Integrity

"Integrity is essential and irreplaceable. It is the most valuable asset for a person, a company, or a society seeking to build and progress"

– Rex Tillerson

Exceptional Quality

"Quality is not an act; it is a habit".

– Aristotle

Rigorous Accuracy

"Watch every detail that affects the accuracy of your work"

– Arthur C Neilson

Focused Diligence

"What we hope ever to do with ease, we must first learn to do with diligence."

– Samuel Johnson

Competent Service

Whatever you are, be a good one"

– Abraham Lincoln

Strategic Decisions

You can't solve a problem on the same level that it was created. You have to rise above it to the next level".

– Albert Einstein



SERVICES



Analytical & Testing

Physical Parameters
Solids & Aggregates
Organic Constituents
Inorganic Metallic Constituents
Metals & Heavy Metals
Sludge Testing



Inspection & Audit

Compliance Monitoring
Regulatory Audits
Laboratory Internal Audits
Laboratory Risk Assessment
Inter Laboratory Testing



Consulting Services

Laboratory Infrastructure
Compliance Advisory



Capacity Building & Training

Testing & Analysis
Capacity Building
Internships
Workshops
Vocational Training



Research & Development

Novel Research Concepts
Research Support
Research Projects
Professional Associations





Inaugurated in November 2020 by the former Chairman, Tamil Nadu Pollution Control Board, Late Thiru A. V. Venkatachalam IFS [Retired], in presence of Prof. Bhaskar Ramamurthi, Director IIT Madras, and several eminent guests, on November 20th 2019. Since the commencement of operations and inauguration, CEL has steadily worked its way to establish itself in the ecosystem.

CEL is certified under the ISO Integrated Management System fulfilling three ISO Standards simultaneously, ISO 9001 for Quality Management, ISO 14001 for Environment Management and ISO 45001 for Health and Safety. CEL is also a proud NABL 17025:2017 accredited laboratory with a comprehensive scope of 162 parameters.



CEL plans to expand the service portfolio further in soil testing, microbiology and aim towards BIS Accreditation. Plans to be an NABL Proficiency Testing Providers accreditation under ISO/IEC 17043, are also underway. CEL also plans to nurture young talent and provide a growth environment for young graduates from leading universities by offering training and internship programs.

Analysis & Testing	Inspection & Audit	Consultancy Services	Capacity Building & Training	Research & Development
Physical Parameters	Compliance Monitoring	Laboratory Infrastructure	Testing & Analysis Capacity Building	Novel Research Concepts
Solids & Aggregates	Regulatory Audits	Compliance Advisory	Internships	Research Support
Organic Constituents	Laboratory Internal Audits		Workshops	Research Projects
Inorganic Metallic Constituents	Laboratory Risk Assessment		Vocational Training	Professional Associations
Metals & Heavy Metals	Inter Laboratory Testing			
Sludge Testing				



IMS CERTIFICATION

ZERTIFIKAT ♦ CERTIFICATE ♦ 認証証書 ♦ CERTIFICADO ♦ CERTIFICAT



CERTIFICATE

The Certification Body
of TÜV SÜD South Asia Private Limited

certifies that



**Centre for Urbanization, Buildings and Environment –
CUBE (Laboratory Division)**

Module No. 6 C, 6th Floor, Block C, Phase II Building,
IIT Madras Research Park, Kanagam Road, Taramani
Chennai - 600 113, Tamil Nadu, INDIA

has implemented a
Quality, Environmental, Occupational Health and Safety Management System
in accordance with **ISO 9001: 2015, ISO 14001: 2015 & ISO 45001: 2018**

For Scope of

PROVIDING TESTING OF WATER, WASTE WATER AND SOLID WASTE

The certificate is valid From **2020-05-14** until **2023-05-13**

Subject to successful completion of annual periodic audits

The present status of this Certificate can be obtained on www.tuv-sud.in

Further clarifications regarding the scope of this certificate may be obtained by consulting the certification body

Certificate Registration No. **99 117 00438**

Date of Initial certification: **2020-05-14**

Certification Body
of TÜV SÜD South Asia Private Limited, **Mumbai**
Member of TÜV SÜD Group





NABL ACCREDITATION



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

CUBE ENVIRONMENT LABORATORY

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

MODULE 6C, BLOCK C, 6TH FLOOR, IIT MADRAS RESEARCH PARK, KANAGAM ROAD, THARAMANI,
CHENNAI, TAMIL NADU, INDIA

in the field of
TESTING

Certificate Number: TC-9323

Issue Date: 11/03/2021

Valid Until: 10/03/2023

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Identity : CENTRE FOR URBANIZATION ,BUILDINGS AND ENVIRONMENT (CUBE)

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer



Thank You

📍 *Module No.6C, 6th Floor, Phase II Building,
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