

# ENVIRONMENTAL TESTING SERVICES

[www.ttilabs.net](http://www.ttilabs.net)



## Tti Testing Laboratories

ISO/IEC 17025 Accredited Testing Laboratory  
ISO/IEC 17020 Accredited Inspection Body  
CPSC Accredited Testing Laboratory  
EPA Certified Testing Laboratory



# OUR ENVIRONMENTAL TESTING SERVICES

Tti is a world class, globally recognized, ISO/IEC 17025 accredited testing facility and ISO/IEC 17020 accredited inspection body having the honor of being the first lab approved by US consumer product safety commission (CPSC) for consumer safety testing in Pakistan. Tti is also approved from Punjab Environmental Protection Agency as an EPA certified lab. Tti has a country-wide network of Labs and customer centers including a state of the art purpose built main testing facility in Lahore followed by liaison offices in Karachi, Faisalabad and Sialkot. We at Tti have been in service since 1995 serving a wide range of Industries including Environmental Protection, the government sector, Textiles, Leather, Chemical, Oil & Gas, Food, Paint/Coatings. We provide our clients a one stop comprehensive spectrum testing services which helps them add more value to their complex Supply chain, Regulatory Compliance and Brand Integrity.



## Water

- Drinking Water Analysis
- Waste Water Analysis
- Surface Water Analysis
- Product Water Analysis
- Waste Water Flow Monitoring



## Air

- Stack Emission Monitoring
- Ambient Air Monitoring
- Indoor Air Monitoring
- Vehicular Emissions Monitoring
- Dust Monitoring



## Solid Waste

- Chemical Analysis in Sludge
- Chemical Analysis in Solid waste
- Hazardous Solid Waste Management Plan



## Compliance

- Initial Environmental Examination (IEE)
- Environmental Impact Assessment (EIA)
- Environmental Management Plan (EMP)
- Environmental Compliance Audits
- Green House Gases Estimation



## Occupational Health & Safety

- Light Intensity Monitoring
- Noise Level Monitoring
- Temperature and Heat Value
- Personal Dust Exposure Monitoring



## Microbial Analysis

- Water and Waste Water
- Hygiene Monitoring
- Air Bio Burden
- Clean Room Monitoring

## Sectors We Serve:



Leather



Textile/Apparel



Power Generation



Oil & Gas



Food Processing



Cement



Chemical Manufacturing



Engineering



Housing/Construction



Sugar

## Drinking Water Parameters ( As per WHO standards)

Temperature	Sulphate	Lead	Antimony
Taste	Fluoride	Zinc	Arsenic
Odor	Nitrate (as NO <sup>3-</sup> )	Manganese	Selenium
Color	Nitrite (as NO <sup>2-</sup> )	Aluminum	Mercury
Turbidity	Total Chlorine	Molybdenum	Nickel
pH	Iron	Chromium	Total Suspended Solids (TSS)
Total Dissolved Solids (TDS)	Sodium	Cadmium	Total Coliform
Total Hardness as CaCO <sub>3</sub>	Calcium	Boron	E. Coli
Chloride	Copper	Barium	-

## Drinking Water Parameters ( As per EPA standards)

Taste	Nitrite (as NO <sub>2</sub> <sup>-</sup> )	Boron	E.Coli
Odor	Residual Chlorine	Barium	Pesticides
Color	Lead	Antimony	Phenolic Compounds
Turbidity	Zinc	Arsenic	PAHs
pH	Copper	Mercury	-
Total Dissolved Solids (TDS)	Manganese	Nickel	-
Total Hardness as CaCO <sub>3</sub>	Aluminum	Selenium	-
Fluoride	Chromium	Cyanide	-
Nitrate (as NO <sup>3-</sup> )	Cadmium	Total Coliform	-

## Waste Water Parameters ( As per EPA standards)

Temperature	Oil & Grease	Arsenic	Cyanide
pH	Total Suspended Solids (TSS)	Selenium	Ammonia (NH <sub>3</sub> )
Total Dissolved Solids (TDS)	Chromium	Silver	An Ionic Detergent as MBAS
Chloride	Iron (Fe)	Barium	Pesticides
Chemical Oxygen Demand (COD)	Copper	Boron	Phenolic Compounds
BOD <sub>5</sub>	Lead	Cadmium	-
Sulphate(SO <sub>4</sub> <sup>2-</sup> )	Manganese	Total Toxic Metals	-
Fluoride	Mercury	Zinc	-
Chlorine (Cl <sup>2</sup> ) Free	Nickel	Sulphide(S <sup>2-</sup> )	-



# Our Services

Textile Testing  
 Apparel Testing  
 Leather Testing  
 Environmental Testing  
 Petroleum Testing  
 Restricted Substances Testing  
 Inspections and Audits  
 Trainings



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 EPA Certified Testing Laboratory

### Lahore

Head Office: 347-S, Quaid-e-Azam Industrial Estate, Kot Lakhpat, Lahore-54770, Pakistan.  
 Call Us: (92-42) 111 786 001  
 Emails: marketing@ttilabs.net

### Karachi

Office: 3rd Floor, Plot No 7c, Sunset Commercial St. No 1, Phase 4 DHA, Karachi-75500, Pakistan.  
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### Faisalabad

Office: Office # 145, 1st Floor, Center Point Plaza, Jaranwala Road, Faisalabad, Pakistan.  
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### Sialkot

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## Global Presence

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TURKEY

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FRANCE

CHINA

HONGKONG

KOREA

THAILAND

INDONESIA

SRILANKA

BANGLADESH

COMBODIA

VIETNAM

TAIWAN

AUSTRALIA

INDIA

