

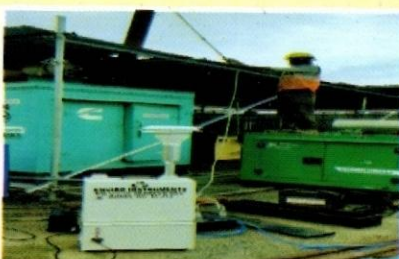
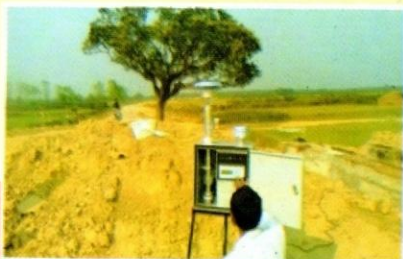


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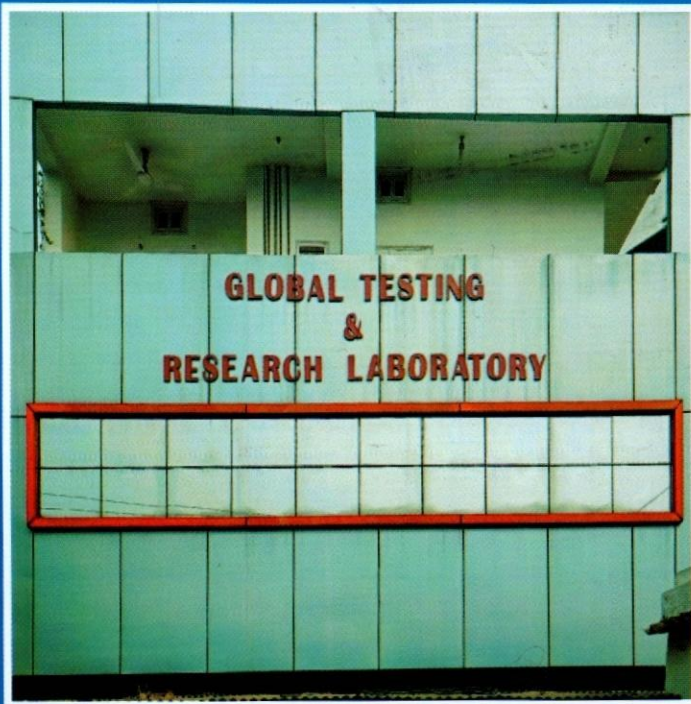
GLOBAL TESTING AND RESEARCH LABORATORY



PARTNERING IN PURSUIT OF YOUR QUALITY EXCELLENCE



AN ISO 9001:2015, ISO / OHSAS 45001 : 2018 CERTIFIED & NABL ACCREDITED LAB

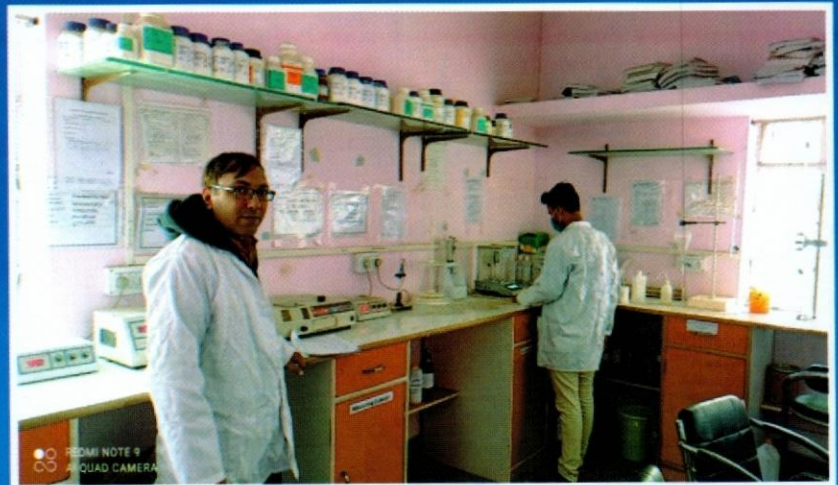


About Us

Global Testing & Research Laboratory (GTRL), a material testing lab in Patna, Bihar, is the leader in applying science, enabling our customers to make the correct decision and choose the best quality of materials required for their work. GTRL lab is equipped with most sophisticated equipments and supported by experienced scientists, analysts, and engineers. GTRL has a strong analytical capability to directly assist clients & supports in house quality assurance & research projects. GTRL has largest scope in Bihar & Jharkhand, having the prestigious NABL accreditation in the field of chemical, mechanical, Non-Destructive Testing & Environmental testing work. GTRL is ISO9001:2015 and ISO/OHSAS 45001:2018 certified and MSME registered Lab. We serve over 1,000 customers within big construction houses, pharmaceutical and biotech companies, hospitals and clinical diagnostic labs, universities, research institutions and government agencies, as well as environmental and industrial process control settings.

Mission & Value

GTRL, Patna, our mission is to enable our customers to achieve improved quality, quick turnaround time, and reduced cost. Whether they're building bridges, constructing highways, reducing air pollution, ensuring food safety, or discovering or manufacturing new drugs, customers depend on us for the quality assurance they need.



Testing Services



Metals & Alloys

Ferrous, Non-Ferrous-Metals and Precious Metals, Steel, Tool, Stainless Steels, Nickel, Cobalt, Titanium, Lead, Brass, Platinum etc by OES/XRF/AAS/ ICP Spectrometers.



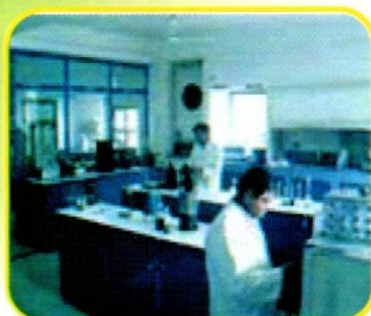
Mechanical Testing

Tensile, Proof Load, Flexural, Hardness, Micro-Hardness, Charpy (ASTM) Impact Tests-Izod, Shear, Hot Tensile Tests, Welded Coupons etc



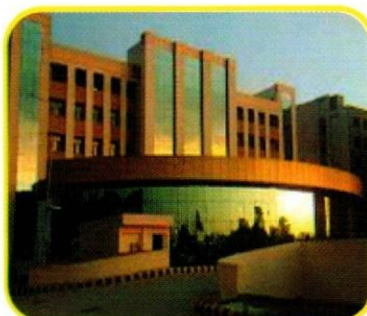
Environmental Monitoring

Clean Room, Validation Ambient Air, Stack, Indoor, Noise, Soil, Solid Waste, EIA, EMP Studies. Airflow velocity, Airflow Volume, Air Cleanliness Class Test, Particle count,



Water & Waste Water

Packaged Drinking, Natural Water, for Routine Tests and Residual Pesticides by GC-MASS/HPLC, Microbiological Analysis



Building Materials

Physical and chemical tests of concrete, Cement, Aggregate, Admixture, Granite, Design Mix, Soil, Bitumen, Building bricks and Marble.



Paint & Coating

GTRL performs various coatings and paints tests to assess their performance. Tests include resistance against



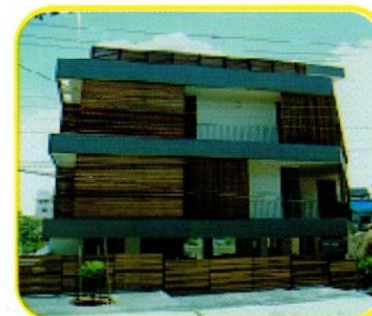
Petroleum Products

Insulating Oils, HSD, Engine Oil, for Wear Metals, Dissolved Gases, Viscosity, Fire Point, Flash Point, SOAP Analysis, Mud Analysis, Oil Analysis, Ferrography, Particle count



Soil Testing

CBR, Modified Proctor Test, Density, Liquid Limit, Plastic Limit, Moisture content and drying effects. particle size, organic matter Chemical tests like chloride sulphate etc.



Wood & Furniture Testing

Wood confirmation, tests for Wood-based materials, furniture, packaging, constructions. Tests for preservatives, residues etc



Geotechnical Investigation

Soil exploration, SBC calculation, foundation recommendation in all type of soil



NDT, Structural & Building Inspection

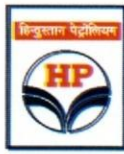
NDT inspection of vessels, Structures, Piping, Bridges, Old Fire Ravaged Buildings, Water Tanks, Load Test, Structure Stability, Corrosion Monitoring



Load Test

Dynamic Pile load, Plate Load bridge load test

Major Clients



PATNA OFFICE

House No. 322/2, Ward No.- 15
Near RPS More, Next to Capital Suzuki
Distt.- Patna (Bihar) 801503,

RANCHI OFFICE

Plot No. - 594, Mission Gali
Road No. -4, Near CPP Premsons Motors,
P.o.- Ranchi University, P.S.- Gonda, Kanke Road,
Ranchi, Jharkhand-834008

Contact Us : + 91 9798 69 7785 / 9334 25 4100 / 9608 00 8051

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