

CLIENTS

GOVERNMENT DEPARTMENTS

- * Uttar Pradesh Rajkiya Nirman Nigam Limited
- * Uttar Pradesh Public Works Department
- * Uttar Pradesh State Bridge Corporation Limited
- * Uttar Pradesh Tourism Development Corporation Limited
- * Uttar Pradesh State Construction and Infrastructure Development Corporation Limited
- * Uttar Pradesh Rajkiya Kisan Union Mandi Parishad
- * Uttar Pradesh Projects & Tubewell Corporation Limited
- * Uttar Pradesh Jal Nigam
- * Uttar Pradesh Irrigation Department
- * Uttar Pradesh Projects Corporation Limited
- * Uttar Pradesh Real Estate Regulatory Authority
- * Uttar Pradesh Power Corporation Limited
- * Town Planning Department, Uttar Pradesh
- * Indian Railways
- * Research Design & Standard Organization
- * Chhattisgarh Railway Corporation Ltd.
(A Joint Venture of Govt. of Chhattisgarh & Ministry Of Railways)
- * North Eastern Railway
- * Northern Railway
- * Lucknow Metro Rail Corporation Limited

ARCHITECTS & CONSULTANTS

- * Archtech Consultant, Kolkata
- * MECON Ltd.
- * CES-DAS, Lucknow
- * DHV Consultants BV, Lucknow
- * Stup Consultants Pvt Ltd., New Delhi
- * PUNJ LLOYD Ltd, New Delhi
- * ANB Consultants, Lucknow
- * Skyline Architectural Associates, Lucknow
- * Acore Architects, Gorakhpur
- * B&S Engineering Consultants Pvt. Ltd., Noida, Uttar Pradesh
- * Aarvee Associates, Architects Engineers & Consultants Pvt. Ltd., Jaipur, Rajasthan
- * Anurag Project Management Consultants Pvt. Ltd., Hyderabad
- * SAI Consulting Engineers Pvt Ltd., Ahmedabad
- * SOWIL, Noida, Uttar Pradesh
- * Architects Sandeep Shurekha, Gorakhpur
- * Arch - En - Design, Lucknow
- * Center for Architecture & Design, Gorakhpur

OTHER CLIENTS

- * Adani Lucknow International Airport Limited
- * M/s Larsen & Toubro Limited, Construction
- * FP India Project Management Consultancy Services Pvt. Ltd.
- * GMR Infrastructure Limited
- * Lea Associates South Asia P. Ltd.
- * Dineshchandra R Agrawal Infracorp Pvt. Ltd.
- * Apco Infratech Pvt. Ltd.
- * NCC Limited
- * GR Infraprojects Limited
- * CE CONS Limited
- * RITES Limited
- * Geo Dynamics
- * IRCON Inter National Limited
- * Gawar Construction Limited
- * RCC Developers
- * MKC Infrastructure Ltd.
- * Sadbhav Engineers Private Limited
- * Accrete Consulting Engineers (P) Ltd.
- * G-Engineering Advisory Services Pvt. Ltd.
- * M/s EGIS India Consulting Engineers Private Limited
- * Wadia Techno Engineering Services Ltd.
- * Jindal Steel
- * Gallant Steel
- * Reliance Engineering & Associates Limited, Lucknow
- * National Thermal Power Corporation Limited
- * Gas Authority of India Limited
- * Indian Oil Corporation Limited
- * Bharat Petroleum Corporation Limited
- * Hindustan Petroleum
- * HRP Infra Pvt. Ltd.
- * Torrent Gas
- * Powergrid Corporation of India
- * Gammon India
- * Ansal API
- * Shalimar Group
- * BHEL
- * Hindustan Construction Company
- * Afcons Infrastructure Ltd.
- * KITCO Limited
- * Dilip Buildcom Limited
- * KEC International Limited
- * Shapoorji Pallonji and Company Pvt. Ltd.
- * Kalpataru Power Transmission Limited
- * K&J Projects Private Limited
- * Zapdor Engineering Pvt.Ltd.
- * Jaiprakash Associates Limited
- * Bajaj Electricals Limited
- * GPT Infraprojects Limited



ARUN SOIL LAB PRIVATE LIMITED

Geotech & Material Consultants For Civil Engineering Projects

Accredited Testing Laboratory as per ISO/IEC 17025-2017

Disciplines – Mechanical, Chemical & Non - Destructive



TC-10081

Geotech Investigation in Soil & Rock
Construction Material Testing
Chemical Testing
Non-Destructive Testing
Topographical Survey
Traffic Survey

Head Office: E - 11, 1st Floor, Lekhraj Market 1, Indira Nagar, Lucknow - 226016

Laboratory: 636/110, Budh Vihar, Takrohi, Indira Nagar, Lucknow - 226028

Field T&P Store cum Workshop : Plot No. 46, Azad Nagar, Chinhath, Lucknow - 227105

NCR Address: A-502, Park View Apartment, Sector - 61, Noida (U.P.) - 201301, Mobile - 9205321637

Contact at : 9415025566, 9415501633, 9451087107

Website: www.arunsoillab.com email: info@arunsoillab.com, arunsoillab.asl@gmail.com

"QUALITY CONCIIOUSNESS IS OUR CORE CONCEPT"

SERVICES PROVIDED BY US

TESTS OF SOIL

Natural Moisture Content
Specific Gravity
Sieve Analysis & Hydrometer
Atterberg Limits
Shrinkage Limit
OMC & MDD (Standard and Modified)
Unconfined Compressive Strength
Triaxial Compression Test (with Pore Water Pressure)
Direct Shear Test
Consolidation Test
California Bearing Ratio
Permeability Test
Vane Shear Test
Free Swell Index
Swelling Pressure
Silt Factor
Tests of Bentonite

TESTS OF ROCK

Slake Durability
Water Absorption
Density
Porosity
Unconfined Compressive Strength
Point Load Strength Index Test
Rock Triaxial Test

TESTS OF FLY ASH

Specific Gravity
Fineness
Lime Reactivity
Cement Reactivity
Compressive Strength

CHEMICAL TESTS OF STEEL

Carbon
Sulphur
Phosphorus
Manganese

CHEMICAL TESTS OF ADMIXTURE

Dry Content,
Ash Content, Relative Density
pH Value
Chloride Ion Content

CHEMICAL TESTS OF CONSTRUCTION WATER

pH Value
Inorganic
Suspended Matter
Acidity
Alkanity
Sulphates
Sulphides
Chlorides
Organic

TESTS OF AGGREGATE & OTHER CONSTRUCTION MATERIALS

Sieve Analysis, Flakiness & Elongation
Deleterious Materials & Organic Impurities
Specific Gravity, Bulk Density & Water Absorption
Crushing Value, Abrasion Value & Impact Value
10% Fine Value
Soundness, Magnesium /Sodium Sulphates
Compressive Strength of Cement Concrete Cubes/
Cores/Paving Block /AAC Blocks
Concrete Mix Proportioning
Concrete Beam
Tile Block Testing
Burnt Clay / Lime / Fly Ash Bricks

PHYSICAL TESTS OF STEEL (Reinforcement Bar, Structural Steel, Coupler)

Dimension
Tensile Strength
Yield Strength
Percentage Elongation,
Reduction In Area
Bend/Rebend Test

ENGINEERING SURVEY

Topographical Survey:
By Differential Global Positioning System
By Total Station
Traffic Engineering:
Classified Traffic Volume
Origin and Destination Survey
Intersection Survey
Axle Load Survey

CHEMICAL TESTS OF HARMFUL SALTS (SOIL)

Sulphates, Carbonate, Bicarbonate, Chloride
pH Value
Total Soluble Solid
Total Soluble Sulphates
Organic Matter
Calcium Carbonate

NON-DESTRUCTIVE TESTS

Rebound Hammer Test
Ultrasonic Pulse Velocity meter
Rebar Locator
Pile Integrity Test

TESTS OF BITUMEN (Emulsion, RMB & PMB)

Specific Gravity
Penetration
Softening Point
Ductility
Kinematic /Absolute Viscosity
Flash & Fire Point
Solubility
Elastic Recovery
Marshall Stability & Flow
Binder Content

PHYSICAL TESTS OF CEMENT

Fineness by Blaine
Soundness by Le Chatlier & Auto Clave
Consistency
Setting Time
Compressive Strength

CHEMICAL TESTS OF ADMIXTURE

Dry Material Content,
Ash Content
Relative Density
pH Value
Chloride Ion

CHEMICAL TESTS OF CEMENT

Loss on Ignition
Silica Content
Ferric Oxide
Alumina
Calcium Oxide
Magnesia
Sulphur Anhydride

ALL FIELD TESTS

Plate Load Test
Modulus of Sub Grade Reaction
TRL Dynamic Cone Penetrometer Test
Standard Penetration Test
Pile Load Test
Electrical Resistivity Test
Field Density
Dynamic Cone Penetration Test
Bridge Load Test
Benkelman Beam Test
In situ CBR
Core Cutting for Compressive Strength Test

MAJOR PROJECTS

- ▶ Agra Expressway, Uttar Pradesh
- ▶ Bundelkhand Expressway, Uttar Pradesh
- ▶ Purvanchal Expressway, Uttar Pradesh
- ▶ Gorakhpur Link Expressway, Uttar Pradesh
- ▶ Kanpur - Lucknow Expressway, Uttar Pradesh
- ▶ Nagpur Mumbai Expressway in the State of Maharashtra
- ▶ Betul - Khandwa Expressway in the State of Madhya Pradesh
- ▶ Aligarh-Kanpur Section (Pkg-4) of NH 91, Uttar Pradesh
- ▶ Bilaspur — Uurga section of NH 130A in the State of Chhattisgarh
- ▶ Imphal-Moreh Section of NH 39 (Pkg-1) in the State of Manipur
- ▶ Galgalia (Bhajanpur) to Araria, Bypass Road in the State of Bihar
- ▶ DPR Project of 22 Nos. of Standalone Bridges in the State of Bihar
- ▶ NH 24 Extension, Kisanpath Lucknow, Uttar Pradesh
- ▶ Lucknow Metro
- ▶ Gorakhpur Metro
- ▶ Mass Rapid Transit System for Allahabad Metro, Uttar Pradesh
- ▶ Mass Rapid Transit System for Kanpur Metro, Uttar Pradesh
- ▶ 25 kV, 50 HZ, Single Phase, AC Electrification, OHE and TSS works of Surendra Nagar (Excl.) Pipavav Group-223 in Bhavnagar Division of Western Railway, Ahmedabad in the State of Gujrat
- ▶ 220/132 kV Sub-Station, Patna in the State of Bihar
- ▶ 765/400/220 kV GIS Substation, Rampur, Uttar Pradesh
- ▶ 400/220/132 kV GIS Substation, Sambhal, Uttar Pradesh
- ▶ Super Thermal Power Plant, Buxar in the State of Bihar
- ▶ 220/132 kV 2-100 MVA Sub-Station, Siddharth Nagar, Uttar Pradesh
- ▶ Lucknow-Ayodhya-Gorakhpur 6 Lane Expressway, Uttar Pradesh
- ▶ Munger-Mirzachauki 4 Lane Green Field Project in the State of Bihar
- ▶ UP - Haryana Border to Rohana Section of NH 334B in the State of Haryana
- ▶ UP - Haryana Border to Rohana Section NH (0) in the State of Haryana
- ▶ Katghora — Dongargarh Railway Project under Jurisdiction of Chhattisgarh Railway Corporation Limited in the State of Chhattisgarh.
- ▶ Multimodal IWT Terminal at Varanasi, Uttar Pradesh
- ▶ Railway Bridges for Pilibhit - Shahjahanpur Section of North Eastern Railway
- ▶ Bina-Jhansi Section, Railway Line Babina in Jhansi of North Central Railway
- ▶ Jaunpur - Tanda Railway Doubling Project of Northern Railway
- ▶ Doubling of Railway track at Roza - Sitapur of North Eastern Railway
- ▶ Zafarabad - Utratia Railway Doubling Project of Northern Railway
- ▶ Burhwal - Sitapur Railway Doubling Project of North Eastern Railway
- ▶ Kasganj - Bahadurgarh Bypass Road, in the State of Bihar
- ▶ Doubling of Jaunpur - Akbarpur Railway Track of Northern Railway
- ▶ OHE of Zafarabad-Akbarpur-Tanda Railway Line of Northern Railway
- ▶ Alamnagar - Utratia Railway Doubling Line of Northern Railway
- ▶ Jhansi-Bhimsen Doubling Project of Rail Vikas Nigam Limited of North Central Railway
- ▶ Mughal Sarai - New Karehane Station Railway Doubling Project of East Central Railway
- ▶ Bhimsen - Usargaon Railway Electrification Project of Rail Vikas Nigam Limited, Kanpur Dehat
- ▶ Kaithal to Mahendragarh Expressway in the State of Haryana
- ▶ Ayodhya Barrage across Saryu River at Ayodhya
- ▶ Six Lining of Aurangabad - Karodi Road in the State of Maharashtra
- ▶ SH 25, (Package - 1) in the State of Gujarat
- ▶ Tanda - Varanasi Road (NH 233)
- ▶ Poding Gates Near Janeshwar Mishra Park, Lucknow
- ▶ Chaudhary Charan Singh International Airport, Lucknow
- ▶ Vidisha - Malthone Expressway NH 346 in the State of Madhya Pradesh
- ▶ SH 30, SH 88, SH 65, SH 100 and SH 49 Roads
- ▶ Amritsar - Jamnagar 6 Lane Economic Corridor in the State of Rajasthan
- ▶ Electrical Locomotive Factory & Township, Madhepur in the State of Bihar
- ▶ Bhakla Siphon on Rapti Main Canal in District Shravasti, Uttar Pradesh
- ▶ Yamuna Rail Bridge of Jhansi-Bhimsen Section, Jalaun, Uttar Pradesh
- ▶ Residential Apartments (KDA Height, KDA Green) Kalyanpur, Kanpur
- ▶ PAC Campuss for 32, PAC Battalion at Transport Nagar Road, Lucknow
- ▶ JSWMI Steel Service Centre Pvt. Ltd. at Bagholain District Palwal, in the State of Haryana
- ▶ Mycem Cement Factory, Rai Bareilly, Uttar Pradesh
- ▶ Gallent Steel, Shahjanwa, Uttar Pradesh
- ▶ Seksaria Sugar Factory, Biswan, Uttar Pradesh
- ▶ Tirupati Sugar Mill, Bagaha in the State of Bihar
- ▶ Mayflex Cement Factory at Phelsanda, Rudauli, Faizabad, Uttar Pradesh
- ▶ Neo Genetics Poultry Feed Factory, Sandila, Hardoi, Uttar Pradesh
- ▶ B.L. Roller Flour Mills, Faizabad, Uttar Pradesh
- ▶ J.K. Cement Factory in the State of Madhya Pradesh
- ▶ Birla Cement Factory, Rai Bareilly, Uttar Pradesh
- ▶ 128 Men Barrack and Administrative Block at SSB Battalion, Balrampur, Uttar Pradesh
- ▶ Kamakhyanagar Bypass-Dubri Section of NH 200 (new NH 53), in the State of Odisha
- ▶ Gurgaon - Kotputli - Jaipur section of NH8, Haryana and Rajasthan
- ▶ Delhi-Vadodara Greenfield Alignment (NH 148N), Madhya Pradesh
- ▶ Four Lane from DND Maharani Bagh Junction to Jaitpur-Pushta Road Section of NH 148NA, Delhi
- ▶ Giddalur - Cumbum - Thakapalli - Vindukonda - Narasaraopet & Terminating at It & Junction with NH 16 at Guntur of NH 544D in the State of Andhra Pradesh
- ▶ 4 MMMIG, EWS & LIG Type Residential Apartments under Devpur Para Scheme of Lucknow Development Authority