



Vardan Envirolab LLP
Vardan Environet LLP

Testing & Consulting
Services

Corp. Office & Laboratory:

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about US



Established in 2012 Vardan Group is a leading environmental consultant organization providing services for mining, infrastructure development and industrial projects. Over the past few years, we have ventured into various other disciplines and at present we offer the following services:

Consulting Services

- Environmental Impact Assessment (EIA)
- Forest and Wildlife studies and clearances
- Consultancy for Pollution Board clearances
- Social Impact Assessment
- Environmental and Pollution Compliances
- Ground Water Impact Assessment & Ground Water NOC

With a strength of over 300 professionals, Vardan Group comprises of senior officers from various departments & Institutions like Pollution Control Board, Mines & Geology, SAIL, NEERI, CSIR, NABL & FRI.

Our state of the art laboratories are situated in prominent industrial areas-IMT Manesar, Gurgaon and Mansarovar, Jaipur, spread across more than 33000 sq. ft. area. We provide reliable consulting and precise testing services.

Testing Services:

- Footwear Products Testing
- Environment & Pollution Testing
- Food & Agriculture Products Testing
- Drug and Pharmaceuticals Testing
- Ayurvedic Products Testing
- Cosmetics Products Testing
- Testing of Medical Devices

Accreditation, Approvals & Certification:

- Approved EIA Consultant by QCI-NABET (National Accreditation Board for Education & Training)
- Accredited Laboratories by NABL (National Accreditation Board for Testing and Calibration Laboratories)
- Food Testing Lab Approved by Food Safety and Standards Authority of India
- Approved by MoEF&CC (Ministry of Environment, Forests & Climate Change) & CPCB (Central Pollution Control Board Recognized)
- Approved Consultant by Central Ground Water Authority (CGWA)
- Drugs & Pharmaceuticals Lab Approved by Food and Drug Administration Department
- AYUSH (Ayurvedic, Unani, and Siddha Medicines Lab) Approved by Ministry of Aayush
- Medical Devices/Accessories & Surgical Products Testing Lab Approved by Central Drugs Standard Control Organisation (CDSCO)
- Cosmetics Testing Lab Approved by Food and Drug Administration Department
- Certified Lab Good Laboratory Practice (GLP)
- Approved Lab by Bureau of Indian Standards (BIS)
- Accredited Lab by Quality and Accreditation Institute (QAI)
- ISO 9001, 14001 and 45001 Certified

MANAGEMENT TEAM

Shri R.S. Yadav



Co-Founder & Managing Director

He established the organisation after having served more than thirty years as District Mining Officer in Department of Mines & Geology, Haryana Govt., with a vision of becoming India's leading consulting organization and testing laboratory. He is approved EIA coordinator by QCI-NABET in Mining, Building Construction and Large Area Development projects. He's also an approved Mine Planner (RQP) from Indian Bureau of Mines.

Late: Shri S.K. Sharma



Co-Founder

He established the organization with Sh. R.S. Yadav after having served more than forty years as Senior Scientist in Haryana Pollution Control Board. He was an approved EIA coordinator by QCI-NABET in Mining, Distillery, Sugar Industry, Chemical and Township and Area Development Projects. He was also lead auditor for QMS, EMS & NABL Assessor.

NAME	DESIGNATION	EXPERIENCE	ROLE IN THE ORGANIZATION
Roopika Sharma	Partner	15 years	Overall Incharge of All Financial, Human Resource and Administrative Activities in the Organization.
Aman Sharma	Partner	20 years	EIA of Airport, Township and Area Development Projects, Consent Management, Compliance of EC and Business Development. He is approved EIA Coordinator by QCI NABET.
Anshul Yadav	Partner	12 years	EIA of Metallurgical Industries, Mining Projects, Oil & Gas transportation & storage projects, Sugar Industries, Distilleries and Business Development. He is approved EIA Coordinator by QCI-NABET.
Radhika Agarwal Yadav	Chief Marketing Manager	7 years	Management Representative. Business Development activities for Testing of Environment, Food, Pharmaceuticals & Footwear Products

CORE TEAM

NAME	DESIGNATION	EXPERIENCE	ROLE IN THE ORGANIZATION
Mr. K.M. Khare	Advisor Former DGM-Environment (Steel Authority of India)	40 years	Expert in Metallurgical Industries, Coke Ovens, Mining, Mineral Beneficiation and Coal Washery with over 40 years of experience. He is approved EIA Coordinator by QCI-NABET
Mr. K.S. Yadav	Advisor Former Regional Controller of Mines (IBM)	40 years	Over 40 years of expertise in mining, beneficiation, regulatory affairs, and sustainable development with a proven track record in mineral conservation, EIA/ EMP & technical environmental considerations.
Mr. V. Pugazhendi	Advisor (Former Sr. Hydrogeologist) TWAD, Govt. of Tamil Nadu	35 years	Expert in Ground water management and hydrogeological investigations. He is an approved ground water modeller from CGWA and NABET approved FAE in Hydrogeology, Geology, Land Use and Soil Conservation.
Mr. R.K. Singh	Advisor Former General Manager from CMPDI	35 years	Expert In Geophysical survey of Gold, Tin, Tungsten, Coal using Gravity, Magnetic, Seismic, Radiometric, DSS, Drilling, Data acquisition, Planning, Processing and Interpretation.
Dr. R.K. Sharrma	Advisor Former as Director from Geological Survey of India	33 years	Expert in Mineral Exploration of Gold, Basemetal, Manganese, Phosphorites and Lime stone. More than 3 decade Experience of Geological Mapping, Planning and Reserve Calculation.
Dr. B.B. Sharrma	Advisor Former as Director from Geological Survey of India	33 years	Expert in Mineral Exploration of Basemetal, Limestone, Baryte, Bauxite and Phosphorits. Extensive Experience in Drilling, core logging, Large and detailed Geological Mapping collected samples.
Dr. Satvinder Singh	General Manger Hydrogeology	22 years	Expert in Ground water modelling, flood modelling, rainfall-runoff modelling, hydrological and hydrogeological investigations. He is NABET approved TAE in Remote Sensing & GIS.
Mr. Anil Kumar Sharma	General Manager (QA & Lab Operations)	28 years	Expert in testing of Food, Water, Cosmetics, Ayurvedic and Pharmaceuticals products. Lead Assessor ISO 17025:2017 for Quality Management System.
Dr. Sunil Prasad	Senior Manager (EB)	18 years	Expert in EIA, Environment, forest, Wildlife clearance and Natural Resouce Management (NRM). Approved FAE & EB by QCI-NABET.
Mrs. Shilpa Manisha Mishra	Manager - SIA	14 years	Expert in Social Impact Assessment (SIA) Rehabilitation & Resettlement (RR) and She is approved by QCI NABET
Mr. Manoj K. Saini	Sr. Manager - Marketing	14 years	Responsible for Business Development activity through Tenders and Proposals, Approved Functional Area Expert by QCI-NABET.
Mr. Gaurav Chauhan	Lab Incharge & Quality Manager	13 years	Quality & Technical work for Laboratory at Gurgaon. Authorized Signatory for NABL & MoEF & CC (GOI) Reports.
Dr. Shiv Prakash Singh	Sr. Technical Manager	12 years	Food & Agriculture Products, Environmental & Quality Control. All business processes are aligned with the requirements of the regulatory standards.
Mr. Dharmendra Dixit	Technical Manager (Micro)	11 years	FSSAI-food analyst with Microbiological experience in testing of Food, Water, Cosmetics, Ayurvedic and Pharmaceuticals products.
Mr. Prashant K. Yadav	Sr. Hydrogeologist	11 years	Expert in Ground Water Management and Hydrogeological Investigations. He is an approved ground water modeller from CGWA and NABET approved FAE in Hydrogeology, Geology.
Arun Kumar	Technical Manager (Pharma)	17 years	Approved Person in-charge from Delhi Drugs control Department Delhi. Expert in Testing for Pharmaceuticals, Cosmetics, Ayush & Medical Devices
Mr. Vijendra Kumar	Quality Manager (Jaipur Lab)	14 years	Expert in Testing for Environmental, Food, Pharmaceuticals, Footwear & Quality Control. Al business development activities.

ENVIRONMENT CONSULTING

Vardan is accredited by QCI-NABET for preparing Environmental Impact Assessment and also approved by Central Ground Water authority for carrying out Ground Water Impact Assessment. Our goal is to provide technically feasible and economically viable solutions in the field of environmental management.

Environmental Management Services:

- Environmental Impact Assessment (EIA) & Environmental Management Plan (EMP)
- Environment Audits
- MoEF&CC, SEAC, SPCB, Post EC, Consent & Regulatory Compliances
- Environment & Social Due Diligence (ESDD)
- Social Impact Assessment (SIA)
- Ecology & Biodiversity Studies
- Preparation of Wildlife Conservation Plans
- Hydrogeological Investigation & NOC from CGWA
- Ground Water Modelling
- Ground Water Impact Assessment
- Rain Water Harvesting Feasibility Study
- Geophysical & Resistivity Survey
- GHG Emission Inventorization & Reduction
- Mineral Exploration Studies
- Forest Clearances

GIS & Remote Sensing

- Land Use & Land Cover Mapping
- Watershed Mapping
- Area Drainage Mapping
- Thematic Mapping
- NDVI Mapping
- Land Use Change Detection
- Satellite Image Processing
- Satellite Image Procurement from NRSC
- Cadastral Map[ping]
- 3D Modelling, Digital Elevation Model
- Urban/Rural Area Planning & Management

Accredited by
NABET & CGWA



NABET SECTORS

S No.	Group	Sectors
1.	Mining and Mineral Processing	Non-Coal Mining Coal Mining Mineral Beneficiation Plants Coal Washeries
2.	Industries	Cement Plants Metallurgical Sugar Mills Distilleries Coke Ovens Chemical Manufacturing Petrochemical Complexes Chemical Fertilizers
3.	Power	Thermal Power Plants Hydro Power Plants
4.	Infrastructure Projects and Services	Airports Highways & Metro Rail Irrigation Projects Building Construction Industrial Estates Area Development & Township Oil & Gas Exploration, Development & Production Oil & gas transportation pipelines

ENVIRONMENTAL TESTING

Vardan has a state-of-the-art laboratory well equipped with high precision instruments and well qualified personnel to carry out environmental baseline and compliance monitoring for various projects like construction, mining and Industries.

Monitoring & Testing

- Stack Emission from DG Set, Boiler, Furnace, Incinerator.
- Noise Level of DG Set, Boiler, Furnace, Incinerator.
- Ambient Air Quality
- Indoor Air Quality
- Ambient Noise
- Work Zone Noise
- Water - Ground, Waste, Surface, Drinking etc.
- Micro-Meteorological Monitoring
- Soil Quality
- Noise Level
- Lux Level
- Used Oil
- Sludge
- Hazardous Waste (TCLP Test)

Approved by
MOEF, CPCB, NABL
& BIS

Water Testing

- Water of Package Drinking Water (IS 14543)
- Package Natural Mineral water (IS 13428)

Instruments:

- LC-MSMS
- ICP-MS
- ICP-OES
- GC FID
- GC-MSMS
- GC-HS
- FTIR Cary
- ICP OES
- TOC Analyzer
- Ion Chromatography
- AAS 303
- Millipore Water System

ICP-MS
7800



PHARMACEUTICAL TESTING

Vardan offers comprehensive testing services for pharmaceuticals, cosmetics, AYUSH products, and medical devices, utilizing high-quality equipment and advanced technology. Our state-of-the-art facilities and expert team ensure precise, reliable, and compliant testing across various industries.

- Identification, Uniformity of content
- Uniformity of weight/mass/volume/fill
- Dissolution Profile
- Related Substances and Impurity
- Presence of Steroids
- Organic Volatile Impurities
- Heavy Metals
- Medical Device Testing
- Particle Size
- Fatty Acids/Esters
- Acid Value, Peroxide Value
- Saponification Value
- Iodine Value
- Optical Rotation
- Refractive Index etc.

Method Validation

- ✓ Nitrosamines
- ✓ Residual Solvent
- ✓ Impurities
- ✓ Assay
- ✓ Inorganic Impurities
- ✓ Extractable & Leachable
- ✓ ETO & ECH
- ✓ Swap Validation
- ✓ Process Validation
- ✓ Raw Material
- ✓ Stability Studies
- ✓ Analytical Method Validation
- ✓ Microbiology Method Validation
- ✓ Finished Good

Instruments:

- ICP-MS
- GC FID
- GC-MSMS
- GC-HS
- Dissolution
- FTIR Cary
- ICP OES
- AAS 303
- HPLC

Approvals from
FDA, CDSCO
& Ayush

HPLC
1260



FOOD PRODUCTS TESTING

Vardan is providing food testing for a wide range of food & agricultural products. Accredited by NABL & FSSAI. in the field of testing (Chemical and Biological). Regularly Participate in Inter Laboratory Comparison (ILC) studies and Proficiency Testing (PT).

- Heavy Metals using ICPMS
- Microbial Limits & pathogens
- Pesticide Residues
- Athatorins
- Food Additives
- Nutritional Labelling
- Amino Acid Profiling
- Sugar Profiling

Whether you are bringing new innovative food to the market. We can help you identify regulatory requirements and define performance criteria. From producers and distributors to retailers our experts can work with you to make the most of rapidly expanding world of possibilities, ensuring, regulatory compliance and delivering customer satisfaction.

Our lab is approved from FSSAI & NABL as below mentioned categories

- Dairy Products & Analogues
- Sweets & Confectionery
- Fat, Oils & Fat Emulsions
- Salt, Spices, Condiments & Related Products
- Cereals & Cereal Products
- Beverages (Alcoholic)

Instruments:

- ICP-MS
- GC-FID
- GC-MSMS
- GC-HS
- FTIR Cary 630
- LC-MSMS
- UV Spectrophotometer
- HPLC 1260
- AAS 303
- IC 925

Instruments:

- ICP-MS
- GC FID
- GC-MSMS
- GC-HS
- FTIR Cary



Accredited from
NABL & FSSAI



FOOTWEAR TESTING

Physical Testing

Upper & Lining

- Burst Strength
- Martindale Abrasion
- Water Penetration
- CF to Rubbing / Water
- Flexing Resistance
- Tear Strength/Tensile Strength
- Thickness

Insole

- Abrasion Resistance
- Water Absorption and Desorption
- Thickness

Outsole

- Tensile Strength
- Aging test for sole
- Hardness
- Sole abrasion resistance

Lace

- Lace Abrasion
- Lace Strength
- Lace Tag Strength

Heel

- Heel Fatigue Resistance
- Heel Impact Resistance
- Heel Attachment

Whole Shoe

- Slip Resistance
- Whole shoe flexing
- Upper / Outsole Bond Strength
- Component Attachment

Chemical Testing

- Azo Dyes
- Chromium VI
- Release of Nickel
- Determination of Formaldehyde
- Phthalates (7)
- Organotin Compounds
- Dimethylfumarate
- Allergenic and carcinogenic Dyestuffs
- Pentachlorophenol
- pH

Instruments:

- UTM
- SLIP RESISTANCE
- DRUM ABRASION MACHINE
- WAHING TESTER
- ROSS FLEXING TESTER
- MARTINDALE ABRASION TESTER
- HPLC
- GC-MS
- GC-MSMS
- LC-MSMS
- ICP-MS
- GC-HAS



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				 ADITYA BIRLA GROUP	 JK LAKSHMI CEMENT LTD	 HONDA		
 DLF BUILDING INDIA		 THE INFRASTRUCTURE PEOPLE	 ए पी सी पी एल APCPL	 Hero		 MARUTI SUZUKI		 HPGCL
 GMDC FUELING THE GROWTH					 JBM Group	 SIGNATURE GLOBAL SPECIALTY FINANCIAL INSTITUTIONS		 Panasonic ideas for life
 SS GROUP			 V3 INDIAN BEVERAGES	 vatika creating lasting value		 MERCADO BUILDING LIFESTYLES		 KRRISH LUXURY LIFESTYLES
	 PARAS BUILDTECH BUILDING LANDMARKS	 ह. स. क. क. HSCC AN ISO 9001:2008 Steel Service Company	 JAYPEE GROUP	 JINDAL STEEL & POWER	 EROS GROUP	 FCI Aravali Gypsum and Minerals India Ltd.		 Pernod Ricard
 UB GROUP	 JK Cement LTD.	 DELHI METRO	 JW MARRIOTT.	 TRIDENT HOTELS	 CP CANPACK	 TRINETRA CEMENT LTD.	 DCM SHRIRAM Growing with trust	 T THERMAX
 DS GROUP	 Kohinoor	 SPAZE Invoke the future	 LANCO	 EMAAR	 JLL	 aipl values that build worth	 Oberoi HOTELS & RESORTS	 HSIIDC
	 YES BANK	 ATL	 ELDECO Live Greens	 SMEC	 IGLS a division of Hindalco	 windlas	 Rhyburg inspiring trust	 Dr.Oetker
 RAHEJA	 PYRAMID INFRASTRUCTURE PVT. LTD.	 medanta THE MEDICAL		 WONDER CEMENT - IN PERFECT COMPANY -	 SBI CREATING THE FUTURE	 RS GSM	 MANGALAM CEMENT	 supertech Build for Life
 CHAMBAL FERTILISERS & CHEMICALS LTD.	 JINDAL	 The India Cements Ltd	 Scott Edil ...Complementing Life	 SINCE 1988 GIANI TEA GREEN	 Mahindra	 NUVOCO SHIPPING & NEW WORLD	 EIL	 RELAXO
 WESTIN HOTELS & RESORTS	 Maha ISO 9001 Certified	 AMERICAN EXPRESS	 MUDA	 PENINSULA LAND CREATING INTERNATIONAL LANDMARKS	 vita	 Hines	 MOTOR HARLEY-DAVIDSON CYCLES	 Oris expect the best

OFFICE AREA - 33000 SQFT



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