



UMD ENTERPRISES QC LAB



QUALITY COMPLIANCE: NABL ACCREDITED LAB ISO/IEC 17025: 2017 & ISO 9001:2015

TECH. COMPLIANCE: IS, BS, ASTM, BSI & EN. A CE CERTIFIED COMPANY.

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ABOUT US

UMD Enterprises, QC LAB having NABL Accredited Laboratory is executing multidisciplinary consulting services along with its business & technical associates is at the leading edge of technology providing in an entire range of services & complete solutions specializing in the field of pile foundation testing services, Concrete & Metal Non-destructive Testing Services, Subsurface Utility Engineering (SUE)/Ground Penetration Radar Survey (GPR survey), Subsurface profiling by Geophysical & Geotechnical Methods, Topographical Surveying and GIS Mapping, Project Management & Quality Assurance Consultancy in India & Abroad.

The core strength of the company lies in the experience of the professional association, access to the state-of-the-art instrumentation, professional approach towards business and a deep understanding of our clients need.

UMD comprises a team of high tech professionals, some are permanent staff employees, and others are long term consultants. This allows us to keep our overheads in check and enable us to deliver a dynamic, flexible and responsive service to our clients.

Our expertise lies in the application of fit for purpose technologies, processes and verified techniques to optimally explore and appraise targets and manage work solutions effectively. Each project is individually assessed, and appropriate learning points from past projects are applied. We apply a rigorous technical, safety, and environmental process to each project as well as industry Standards are also adhered to.

The general philosophy underlying our approach to conducting project operations is summarized as follows:

All operations shall comply with the UMDE and Client policies.

Time and resources will not be wasted while attempting to 'reinvent the wheel'. The involvement of all is essential in providing a solution to the "extraordinary problem".

Indian standards are always an integral part of our operations, except where more exacting standards can be shown to be necessary.

LQMS with ISO/IEC 17025 standard, for the benefit of the Client and individuals involved and to facilitate future analysis and auditing.

Our goal is to provide clients with cost-effective solutions to their projects. UMD can offer innovative pricing models, ranging from simple day rate, through lump sum, to project equity. We also offer other cost effective solutions, whereby clients can use us as their survey department without taking on that overhead themselves. Whilst it is important to keep costs down, we also understand that the application of low-cost equipment and or services does not always result in efficiency and cost effectiveness.

Experience has proven that overall costs can be reduced through the innovative application of quality services and equipments introduced by UMD Enterprises, QC Lab.

We thank you for your relation & successful association with us.

Warm Regards

Complete Solution for Pile foundation testing services, Concrete Non-destructive Testing Services & Metal Non-destructive Testing Services:

UMD Enterprises, QC Lab is a NABL Accredited Laboratory & we provides professional engineering testing services and meets the demands for testing services at various stages for construction of infrastructure of all kind: from commercial buildings, private buildings to extending the network of roads, railroads, marine ports, airports, power plants, industrial plants. The testing services of those infrastructure calls for experienced professional in the area of Civil Engineering. Our focus will be the private, commercial and government sector market in all the parts of India. We have catered successfully giant industries viz. Delhi Metro Rail Corporation (DMRC), National Capital Region Transport Corporation (NCRTC), Larsen & Toubro Construction, National High Speed Rail Corporation, Delhi Development Authority, Jal Board, Public Works Division, Indian Railways, Municipal Corporation, Border Security Force and many other esteem Organizations for their critical scope & national interests.

1. Non Destructive Testing of Concrete Structures & Bridge Structures:

- 2.1 Ultrasonic Pulse Velocity Test
- 2.2 Rebound Hammer Test
- 2.3 Electrochemical Half-cell Potentiometer Test
- 2.4 Cover Meter Test
- 2.5 Carbonation Test
- 2.6 Concrete Core Extraction and Testing



2. Pile Foundation Testing Services:

- 1.1 Low Strain Integrity Testing on Piles
- 1.2 High Strain Dynamic Testing on Piles
- 1.3 Vertical Load Test
- 1.4 Bridge Load Test
- 1.5 Pull Out Test
- 1.6 Cross Hole Sonic Logging Test



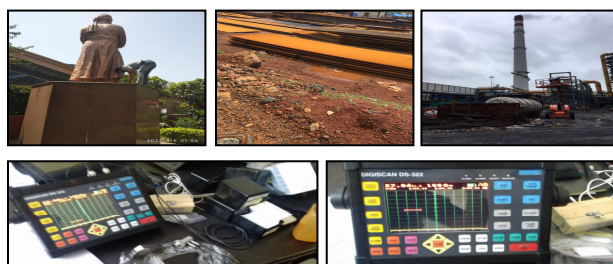
3. Soil Investigation & Chemical Testing Services:

- 3.1 Sulphide Content
- 3.2 Chloride Content
- 3.3 PH
- 3.4 Soil Test-All Parameters



4. Non Destructive Testing of Metal:

- 4.1 Ultrasonic Testing (UT), including C-scan,
- 4.2 Eddy Current Testing (ET)
- 4.3 Magnetic Particle Testing (MT/MPI)
- 4.4 Liquid Penetrant Testing (PT)
- 4.5 Visual and Optical Testing (VT)
- 4.6 Leak Testing (LT, Leak Detection)
- 4.7 Structural Steel Inspection
- 4.8 Infrared and Thermal Testing (IR)
- 4.9 Field Services



Complete Solution for Geophysical & Geotechnical Survey & Testing Services:

In this age of Geographic Revolution and with an eye on the future requirements of the users, UMDE established state-of-the-art Geophysical & Geotechnical Survey & Testing Solutions & Expertise for very large scale through adoption of latest Techniques. These techniques are designed to comprehensively address the following types of tasks that are pertinent to the relevant projects.

1. Geophysical & Geotechnical Investigation

- 1.1 SUE, Utility Mapping & Shifting
- 1.2 Ground Penetrating Radar Survey
- 1.3 Underground Cable Locating
- 1.4 Archeological Survey
- 1.5 Underground Water Resource Survey
- 1.6 Earth Resistivity Test
- 1.7 Identification of Buried Objects
- 1.8 Earth Resistivity Tomography
- 1.9 Seismic Refraction Test
- 1.10 Standard Penetration Test
- 1.11 Liaison with Authorities



2. Topographical Surveys & Data Mapping

- 2.1 Geographic Information System (GIS)
- 2.2 Total Station & Digital Level Survey
- 2.3 DGPS Data collection
- 2.4 Ariel & Drone Survey
- 2.5 GPS & 3D Scanning
- 2.6 Evaluation by surveying software's



3. Project Management Consultancy

- 3.1 Civil Work PMC & Quality Assurance
- 3.2 DPR Preparation
- 3.3 Smart City PMC & Quality Assurance
- 3.4 Feasibility Analysis



Feel free to Contact us for your current & upcoming requirements.

Warm Regards & Thank You for Your precious time.



UMD ENTERPRISES

www.umde.in

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"A Dream Becomes a Goal When Action is Taken Toward Its Achievement"