

AN ISO 9001 : 2015 CERTIFIED COMPANY



AMRUTHA ENGINEERING LABORATORIES PVT. LTD
"Specialists in Construction Material Testing"





ABOUT

AEL is pioneer in providing material testing, Inspection, Non-Destructive Analysis of various structures. We provide reliable & unbiased test results & Consultancy Services on site and Laboratory. The Analysis is conducted in compliance to various standards including IS, ASTM, BIS, ISO etc. We are in process of applying for NABL Accreditation as per ISO 17025-2017. AEL is one of the prominent service providers in the field of Testing Services. Our organization have developed a strong cliental across all industries including the Govt. and Non-Govt. organizations in very short span of time.

VISION

AEL will be an exemplary knowledge services company in the concrete construction Industry. And will earn the highest respect from all its stakeholders for its professional work, standard, practices, vales and culture.

VALUES

We preside and are committed to the following values

- Honesty & Integrity
- Urgency, Proficiency and tenacity in carrying out our business
- Project delivery and reliability
- Innovation and Creativity
- Liberating the best in our people.
- Long-Lasting and cost-effective solutions
- Intellectual and professional leadership
- Quality assurance

MISSION

To satisfy the customer requirements in Material Testing, Soil Testing and Concrete Testing services with Consistency and reliability. To ensure excellent quality of test results to the customer in the area of Building Material Test, Soil Test, NDT, Fresh and Hardened Concrete Oriented Researches.

MANAGING DIRECTOR PROFILE:

S Satyanarayana B.Tech -Civil (M.Tech – Structures), Managing Cum Technical Director, Head- Quality Control & Materials Testing Department, having 15 vast years of experience in the Quality Control and Quality Assurance in Construction sector as well as Concrete and Soil Lab.

His well-known expertise is in the area of CONSTRUCTION MATERIAL TESTING. He had a working experience in different environment as like India, UAE, Qatar...etc. He has well Knowledge & Experience in Construction repairs, Restoration, & Rehabilitation works.

OUR ESTEEMED SERVICES

- Construction Materials Testing
- NDT for Reinforced Concrete Structures
- Geo-Technical Investigation

CONSTRUCTION MATERIALS TESTING :

Cement, concrete(Cubes, Beams, Cylinders), Sand(Fine & Coarse), Aggregates, Bricks (Masonry, Fly Ash, Refractory), Fly Ash, Blocks (AAC, CLC, Concrete), Pavers, Water Proofing Compound, Coating Materials, Admixtures, Micro silica, Water, Steel, TMT bar, Wood, Soil, Grout, Bitumen etc.

NDT for Reinforced Concrete Structures

- Core Test – It Provides the visual inspection of the interior of the concrete and direct measurement of the compressive strength. Other physical properties, such as density water absorption indirect tensile strength and expansion due to Alkali Aggregate.
- Ultrasonic Pulse Velocity Testing(As per IS 516 Part-5, Section-1 :2018) – This testing endures the uniformity of concrete. It can be conducted on both existing structure & under construction structures. Velocity criterion for concrete quality grading in IS 13311 Part 1.
- Rebound Hammer Testing – It is conducted to find compressive strength of concrete by using rebound hammer as per IS 13311 Part II – 1992 as Average Rebound Number & Quality of Concrete.

GEO-TECHNICAL INVESTIGATION :

We conduct geo technical investigations by drilling boreholes and collecting soil and rock samples. Conducting field and laboratory testing on soil samples. Analysis and recommendations for bearing capacity of soil and foundation system.

STUDIES UNDERTAKEN

- Chemical & Physical analysis of cement (OPC, PPC, PSC, WPC, SRC, HAC) as per IS & ASTM standards.
- Concrete Mix Designing (M-80 for CC & RCC with and without Admixture, Fly Ash, fibres, Micro silica, Fume Silica & other emerging additives)

- Designing of self-compacting Concrete, High Performance Concrete, Roller Compacted Concrete, Dry Lean Concrete, Pavement Quality Concrete
- Durability Studies of Concrete (Permeability, RCPT, ISAT, Drying Shrinkage)
- Coarse & Fine Aggregates for Physical & Chemical Properties
- Building Bricks & Other Type of Bricks for Physical & Mechanical Properties
- Pozzolanic Materials for various Physical & Chemical properties including Lime Reactivity, Soundness, Compressive Strength, Fineness
- Blocks, Pavers, Kerbs, Channels for Strength, Drying Shrinkage, Density & Water Absorption
- Concrete Cubes, Cylinders, Beams for Compressive Strength, / Permeability, Moisture Movement, Thermal Conductivity, Accelerated Aged Studies
- Precast Concrete Members (Manhole Covers, Drain Covers & other Building Components) for Load Test
- Admixtures/Accelerators for Physical & Chemical Parameters including Uniformity Tests, Strength, Shrinkage, Air Content, Slump as per IS & ASTM
- Construction Chemicals (WPC, Sealant, Curing Compounds, poxy, Grouts, Resin, Protective Coatings) for Physical & Chemical Properties including Bond Strength, Working Time, Strength, Permeability, Corrosion Resistance
- Soil for Physical & Chemical Properties including CBR value etc
- Steel for Physical & Chemical Properties including 0.2% proof stress, Elongation etc
- TMT Bar for Physical Properties including 0.2% proof stress, Elongation etc
- Bitumen for Physical & Chemical Properties including etc.

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AMRUTHA ENGINEERING LABORATORIES PVT. LTD
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Our Equipments



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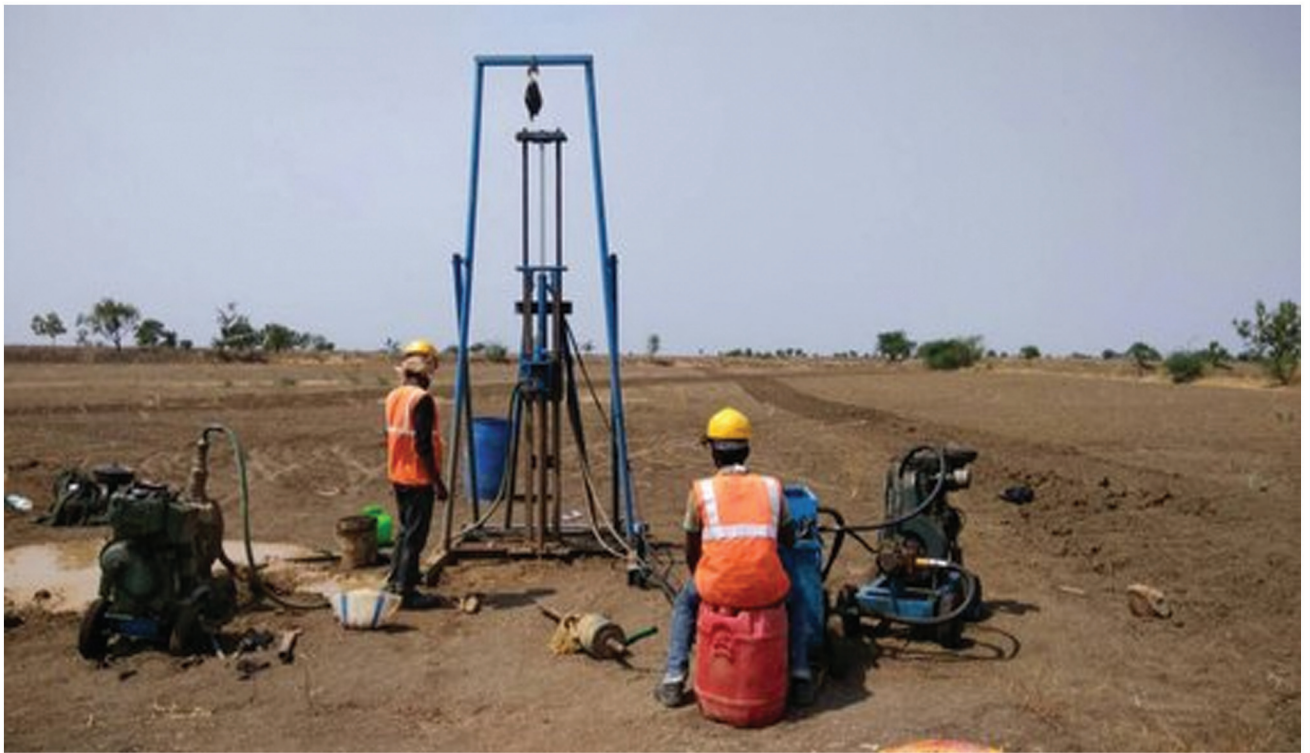


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Certificate of Registration

*This is to certify that
The Quality Management System of*

AMRUTHA ENGINEERING LABORATORIES PRIVATE LIMITED

Plot No - 63 & 64, Canara Bank Road, Autonagar,
Visakhapatnam -530012

*has been assessed and found to be in compliance
with the requirements of the standard*

ISO 9001:2015

for the following scope :

**Construction Material Testing Laboratory
&
Non Destructive Testing for Structures (NDT)**

CERTIFICATE No. : 20ZQCK6414Q

ISSUED DATE : 26/09/2020
EXPIRY DATE : 25/09/2023

1ST SURVEILLANCE : 25/09/2021
2ND SURVEILLANCE : 25/09/2020



Authorised Signatory

INTERNATIONAL QUALITY CERTIFICATION SERVICES UK LTD
272, Bath Street, Glasgow, G2 4JR, U.K.



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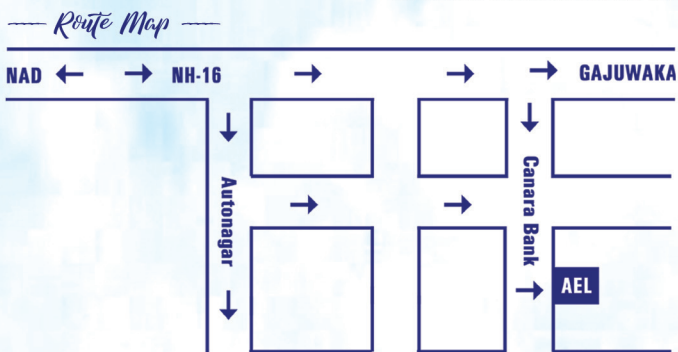


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OFFICE DETAILS :

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