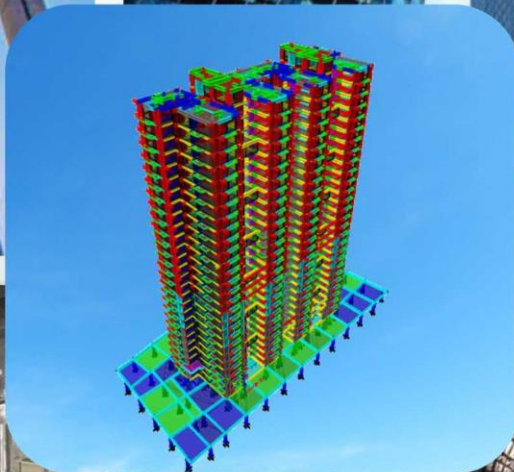
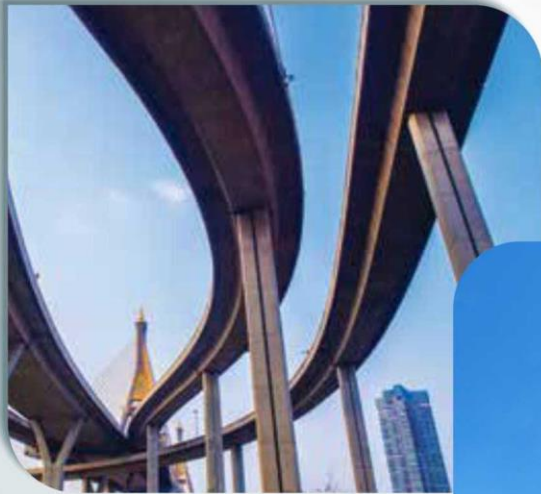




STPL



STEDRANT TECHNOCLINIC PVT. LTD.

(Soil and Material Testing, Designs, Restoration and Non Destructive Testing Services)

"Suvak Pride" # 95, Model House Street, Basavanagudi,
Bangalore - 560 004 Phone : 080 26629992

E-mail : info@stedrant.com

STEDRANT TECHNOCLINIC PVT LTD bearing Corporate Identity Number U74999KA2017PTC100477 was started on 14th February 2017 as an aid to Civil Engineering Community by a team of senior personnel with their earlier experience drawn from Torsteel Research Foundation in India and Civil-Aid Technoclinic Pvt Ltd. The services offered encompass a wide spectrum of Civil Engineering activities including building materials testing services. Apart from Specialist Engineering personnel, STEDRANT also has a panel of Advisors who will help in special and critical assignments. STEDRANT, with the present infrastructure, has the expertise to understand and solve challenging problems in civil engineering.

STEDRANT offers its competitive services in the following diversified areas:

- Proof Checking / Peer Reviewing of Designs and Drawings, special Design services
- Quality Monitoring of Constructions
- Laboratory Testing of Construction Materials
- Geotechnical Investigations
- Non Destructive Testing and Rehabilitation of Structures

The team at **STEDRANT** will provide solutions to assist clients in managing and mitigating structural risk in projects. This ultimately contributes to enhanced project performance through improved overall quality and durability, reduction in project delays and the minimization of re-work.

SCOPE OF SERVICES

PROOF CHECKING / PEER REVIEWING OF DESIGNS AND DRAWINGS, SPECIAL DESIGN SERVICES

- Reviewing the Design Basis Report (DBR) for the adequacy of Design Philosophy, design intents, design parameters, compliance to various codes and practices etc.
- Reviewing the geo technical report and proposed foundation system
- Reviewing the analysis model furnished by the consultant and commenting on its correctness, loads and other parameters considered in the model or developing an independent 3D model for comparison.
- Reviewing and checking the accuracy of the analysis and design of various structural elements / members for adequacy. Suggesting possible ways of value-engineering and optimization. Certification of drawings for execution.

SOFTWARES USED IN PROOF CHECKING:

- STAAD Pro , ETABS, SAFE, SAP 2000, AutoCAD, In house excel sheets

QUALITY MONITORING OF CONSTRUCTIONS

- Quality Monitoring of Constructions through Periodic visits.
- Quality Supervision through Day to Day Inspections.
- Quality assurance and Certification of Bills.
- Furnishing reports on the observations, comments and recommendations to improve the quality, after inspections.
- Checking the compliance to recommendations on subsequent visits and inspections.



LABORATORY TESTING OF CONSTRUCTION MATERIALS

- Equipped with state-of-art testing machines
- Testing of all building materials such as cement, flyash, slag, microsilica, aggregate, water, admixture, fiber, concrete, ready-mix mortar, tiles, bricks, blocks, doors, plywood, reinforcing steel, structural steel, pre-stressing steel, pipes, mechanical couplers, cementitious/epoxy grouts, curing compound, bonding epoxy, bitumen, emulsions, false flooring, adhesives, special materials, green building materials etc.
- Carrying out concrete mix design for normal concrete, self-compacting concrete, smart dynamic concrete, fiber reinforced concrete, geo-polymer concrete, dry lean concrete and pavement quality concrete for road works, light weight concrete
- Furnishing Job Mix Formula for Bituminous roads such as BC/SDBC/AC/BM and also mix design for WBM, WMM etc.
- Carrying out trials at batching, calibration of batching plant and consultancy for getting QCI certification as per RMCPSC
- Facilities for carrying out testing of various construction materials as per BIS/ASTM/BS/EN/MORT&H/NHAI/RAILWAY/CPWD/DRDO/FIP specifications

GEOTECHNICAL INVESTIGATIONS

- Field Investigations by drilling boreholes' conducting field tests and collecting soil and rock samples
- Laboratory Testing of soil and rock samples

- Analysis and Recommendations for Foundation System
- Design of Ground Improvement Techniques
- Design of Earth and Earth Retaining Structures
- Quality Control of Earth Works
- Investigation of structures affected due to soil related issues

NON DESTRUCTIVE TESTING AND REHABILITATION OF STRUCTURES

- Assessment of quality / strength of RC members through Non Destructive, Semi Destructive tests.
- Assessment of quality / soundness of buildings / structures through NDT/ SDT.
- Feasibility study for construction of additional floors.
- Assessment of distress in structures and recommending restoration measures.
- Assessment of structural deficiency and recommending appropriate strengthening measures.
- Assessment of fire damage in structures and recommending appropriate strengthening measures.
- Assessment of load carrying capacity of RC members by Performing load test.
- Assessment of load capacity of embedded anchors by performing Pull-out test.
- Performance load test on handrails, brackets, RC/ PSC poles, precast elements, staircase etc.
- Tests on welded joints (DPT) / assessment of thickness in structural steel members.
- Performance evaluation tests on low cost new technology buildings / materials.



The senior technical team of STEDRANT comprises of :

Dr. K. S. Jayasimha, Doctorate from IISc., Bangalore, formerly Head of Civil-Aid / Head of Technical services BUREAU VERITAS, heading STEDRANT as its Chairman. He has a teaching experience of 15 years. His fields of specialization are proof checking and structural designs of RCC / PSC / Steel structures / irrigation structures, Structural evaluation, Non-destructive Testing, Renovation / Restoration of Structures, Geotechnical Engineering and testing of Construction Materials. He has an overall experience of about 34 years in the above areas of specialization.

S. Sudarshan, a graduate in Master of Science who retired from Civil Aid / BUREAU VERITAS as Senior Director-Restoration, is representing NDT Division as its Senior Director. He was heading the NDT at RR Division at TOR STEEL Research Foundation in India. He has an experience of over 37 years in the fields of Non-destructive Testing, Renovation and Restoration of Structures, Structural evaluation, Inspection, testing and evaluation of bridges. He has a number of successful prestigious Restoration projects to his credit.

B.V.K. Eswar, an M.Tech in structures was Technical Director in Torsteel / CivilAid / BUREAU VERITAS, Hyderabad division. He is heading STPL, Hyderabad division as Senior Director. His fields of specialization are, Design / Proof checking of concrete and steel structures, Structural evaluation, Investigation and Restoration of structures, Non Destructive testing and Testing of Materials. He has an experience of 27 years in the above fields of specialization. He has been delivering technical lectures in various institutions.

Dr. R. Nagendra, has a Doctorate from Bangalore University in Concrete Technology. He was formerly Head of construction Material testing at CIVIL AID / BUREAU VERITAS. He is representing STEDRANT as its Senior Director, heading the Construction Material Testing Division. He has a total experience of 31 years. Prior to joining TORSTEEL/CIVILAID, he was a teaching faculty in an engineering college for 12 years. He is a Chartered Engineer, NABL Technical Assessor and Auditor empanelled by QCI for RMC Production Certification Scheme. His fields of specialization include Testing of Construction Materials, Structural Systems, Concrete mix Design, Self-compacting Concrete, Green Building Materials, Non-destructive testing.

Dr. M.S. Sudarshan, Doctorate from Vishwesvaraya Technological University, formerly Managing Director (tech) in Civilaid and Head of QA/QC division of CIVILAID /BUREAU VERITAS heading STEDRANT as its Managing Director. He has a total experience of 33 years in the field of structural designs, Geotechnical engineering, Non-destructive Testing, Rehabilitation of structures, Testing of construction materials and QA/QC of constructions. Before joining TORSTEEL / CIVIL AID. He was working with M/s L& T, ECC division for about 5 years as a design engineer.

Sunil V. Sannad, an M.Tech in Structural Engineering from Mysore University, formerly Head of NDT and RR division at Civil Aid / BUREAU VERITAS is heading the NDT division as its Senior Director. He has a total of 32 years of experience in Non-destructive Testing, Renovation & Restoration of Structures, Evaluation of Structural Soundness/Certification, Feasibility study for construction of Additional floors, Evaluation & Certification of Quality of Construction through NDT, Material Testing etc., He has many successful projects to his credit.

Smt. Anitha Kasetty, M.S. from USA who was in charge of the Designs Division at Civil-Aid / BUREAU VERITAS, is representing the Proof checking and Designs division as its Senior Director. Her fields of specialization are proof checking and structural designs of RCC / PSC / Steel structures / irrigation structures, Structural evaluation, Non destructive Testing, Renovation and Restoration of Structures. She has an experience of about 20 years in the above areas years in the above fields of specialization.

Dr. P.S.R. Narasimha Raju, Doctorate from IISc, Bangalore, who was in charge of the Geo-technical Division at Torsteel / Civil-Aid / BUREAU VERITAS is heading Geo-technical Division as its Senior Director. His fields of specialization are Geo technical investigations, Foundation designs and Ground improvement schemes. He has an experience of over 30 years



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