

☀ Aggregate Testing Services

- Grading of aggregate
- Specific Gravity
- Water Absorption
- Bulk Density
- Flakiness Index
- Elongation Index
- Impact Value
- Abrasion Value
- Crushing Value
- Soundness Test



☀ Cement Testing Services

- Consistency Test
- Initial & Final setting time
- Fineness by Blain Air permeability
- Specific Gravity
- Soundness by Le-Chatelier
- Compressive Strength
- Fineness by Sieving
- Chemical Analysis



☀ Steel Testing Services

- Unit weight
- Tensile Yield elongation up to 20mm Ø
- Tensile Yield elongation above 25mm Ø
- Bend



☀ Concrete Mix Design

- With Cube
- With Flexural Strength of Beam



☀ Concrete Testing Services

- Compressive Strength
- Flexural Strength of Beam
- Casting Curing & Testing Cube for Comp. Strength.

☀ Brick Testing Services

- Dimension & Tolerance
- Water Absorption
- Compressive Strength
- Efflorescence



☀ Paver Block Testing Services

- Compressive Strength
- Water Absorption

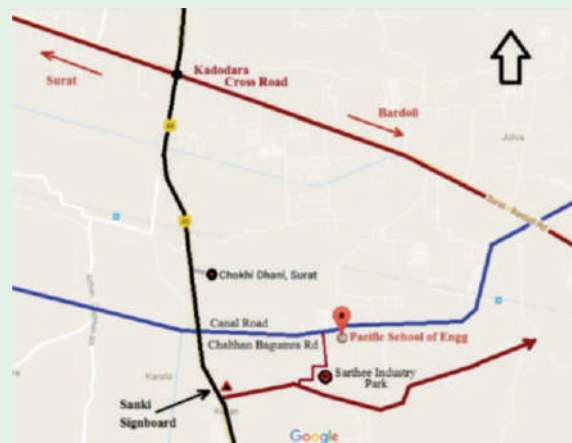


☀ Asphalt Testing Services

- Binder Content & Grading
- Gradation on Asphalt aggregate after extraction
- Viscosity
- Marshall Test
- Bulk Specific gravity & Density
- Penetration
- Flash & Fire Points
- Asphalt Sampling at Site
- Asphalt Coring
- Density & Thickness of Asphalt cores
- Prime coat / Tack Coat Application determination
- Mix Design



CONTACT
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Civil Material Testing & Research Centre

(AN ISO 9001:2015 Approved Laboratory)
(Government Approved Laboratory)



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About Us

Under the aegis of Pacific Education Trust, Ahmedabad, Pacific School of Engineering (PSE) was established in 2012 stimulated by renowned group from Udaipur, Rajasthan. PSE is located at the center of Surat, Navsari and Bardoli towns and commenced education in degree and diploma engineering. The Institute is approved by AICTE and affiliated to GTU. The campus is well connected by a fleet of buses to all parts of the city. PSE offers following courses :

Bachelor of Engineering :

Chemical, Civil, Computer Sci. & Engg.,
Electrical and Mechanical Engineering.

Diploma Engineering :

Civil, Electrical and Mechanical Engineering.

In order to provide Practical knowledge to our students and professional services/consultancy start-up to the society, the institute has established "Civil Material Testing & Consultancy Cell" in the year 2016. Civil Material Testing Laboratory is ISO 9001:2015 certified and approved by Govt. of Gujarat. It is well equipped with state of the art equipments and highly qualified & experienced staff. We aim to give cost effective civil material testing services in timely manner to address the specific needs of our customer. We are in process to acquire ISO/IEC - 17025 : 2005 NABL Accreditation.

Vision

PSE envisions to be ranked amongst the leading Testing, Training and Consulting Services providers, within Gujarat and further afield. This will be achieved by continual improvement through monitoring and improving methodologies. PSE will compete by working ethically in a professional manner and position itself as market leader by providing effective and value-added solutions to its customers.

Mission

Our mission is to help our customers reach the desired level of quality in their products and services by providing testing, inspection and training services tailored to their requirements, which will enable their success in the market.

Values

At PSE, we are committed to providing value added services to our customers. We firmly believe in the importance of having good values in combination with our services:

- Acting with honesty, integrity and respect.
- Enhancing employee potential through career development programs.
- Creating a safe working environment.
- Meeting and exceeding customer satisfaction as per national/ international codes and standards.
- Focusing on continual growth and outstanding performance.
- Continually improving our services by venturing into new services and emerging trends.

Civil Material testing is performed on-site and off-site as per the approved procedures developed with respect to the Indian standards, specification and regulatory requirements, the testing department amasses a widely experience and competent individuals from the background of Engineering, Geology and Civil. The Cell further contains skilled, approved and trained technicians who ensure the correct measures are taken in accordance with the job.

Our motto, "Quality Comes First," is indicative of our belief that Cell's role on projects continues well after the Material Testing report has been issued, and that Cell desires to be involved until projects are successfully completed.

We provide cost effective quality control testing for Soil, Concrete, Cement, Aggregate, Steel, Bricks, Bitumen, water etc. in accordance with Indian Standards which includes :

☀ Soil Testing Services

- ▶ Grain Size Analysis
- ▶ Liquid Limit
- ▶ Plastic Limit
- ▶ Moisture Content
- ▶ Light Compaction
- ▶ Heavy Compaction
- ▶ CBR (unsoak)
- ▶ CBR (soak)
- ▶ Permeability Test
- ▶ Box shear
- ▶ Consolidation
- ▶ Unconfined Compression Test
- ▶ Free Swell Index
- ▶ Swell Pressure
- ▶ Specific Gravity
- ▶ Shrinkage Limit
- ▶ Tri-axial Test
- ▶ Hydrometer



☀ Soil Field Testing Services

- ▶ Field Dry Density & moisture content (Sand Replacement)
- ▶ Field Dry Density & Moisture Content (Core cutter)
- ▶ Standard Penetration Test
- ▶ Load Test

☀ Water Testing Services

- ▶ Complete Chemical Analysis (Sulphate, Conductivity, total soluble salts, pH value, carbonate and Bi carbonate, chloride, sodium & potassium)

☀ Sand Testing Services

- ▶ Fineness modulus by graduation
- ▶ Specific Gravity
- ▶ Water Absorption
- ▶ Bulk Density
- ▶ Silt Content

