

# YOUR PARTNER IN SAFE AND RELIABLE STRUCTURES

## OUR EXPERTISE

- *Structural Health Assessment*
- *NDT Testing Services (Concrete & Steel)*
- *Structural Design Review / Proof Checking*
- *Structural Evaluation*
- *Rehabilitation Services*
- *Load Testing Services*
- *Restoration & Retrofitting*



## INTRODUCTION

# ABOUT US.

## ABOUT THE COMPANY

SNDT Services Pvt. Ltd., a subsidiary of SB Group, was founded in 2021 as a specialized private entity focused on structural audits, non-destructive testing (NDT), and Bill of Quantities (BOQ) preparation for brownfield projects.

With a decade of expertise, SB Group has a strong presence both domestically and internationally, delivering comprehensive solutions for diverse structures ranging from buildings to industrial facilities across various regions.



## COMPANY FACTS

SNDT Services Pvt Ltd is a premier non-destructive testing (NDT) company in India, committed to ensuring the safety, reliability, and integrity of structures across industries. With cutting-edge technology and a team of highly skilled professionals, SNDT delivers precise and efficient testing solutions that meet global standards, helping clients prevent failures and optimize performance.

200+

Finished Project

10+

Years in Business

60+

Associated Consultants

57

Happy Clients

## WHAT WE DO

- At SNDT, we specialize in comprehensive non-destructive testing (NDT) solutions that ensure the safety and integrity of critical assets. Our services include advanced techniques such as Ultrasonic testing, Rebound Hammer, Half cell Potentiometer, Ground Penetrating Radar (GPR), Drone Data Evaluation, Bridge Load Test, Concrete Carbonation, Concrete Chemical Test, Rebar Mapping, CAPO Test, Dye Penetration Test, UT on Belt, Slab Load Bridge Test, Vibration Test, Hardness Test, Core Cutting & Compression, among others.
- We cater to industries like construction, manufacturing, energy, and infrastructure, offering precise, efficient, and cost-effective testing to detect flaws, prevent failures, and extend the lifespan of valuable assets. With a focus on quality, safety, and innovation, we deliver customized NDT services that meet stringent industry standards.

WHAT WE DO FOR YOU

# OUR SERVICE

## ARE YOU FACING QUESTIONS REGARDING YOUR STRUCTURAL INTEGRITY AND HEALTH ASSESSMENT?

SNDT Services Pvt Ltd specializes in ensuring the structural integrity of beams, columns, and load-bearing components through advanced non-destructive testing (NDT) techniques. Using state-of-the-art methods like ultrasonic testing, radiographic imaging, and magnetic particle inspection, we detect internal flaws such as cracks and voids in steel and concrete structures. Our assessments span all project stages—from fabrication to in-service inspections—ensuring compliance with safety standards and mitigating the risk of structural failure, thereby enhancing load-bearing capacity and prolonging building lifespan.

### Non-Destructive Testing

We offer a comprehensive range of advanced non-destructive testing (NDT) techniques, including Ultrasonic Testing, Rebound Hammer, GPR, Drone Data Evaluation, Rebar Mapping, and Bridge Load Tests. We also provide specialized services such as Concrete Carbonation, Chemical Testing, Core Cutting & Compression, and Vibration Testing. Our cutting-edge methods ensure precise evaluation and structural integrity, making us the trusted partner for thorough and reliable assessments across all project phases.

### Inspection & Analysis

SNDT Services Pvt Ltd delivers visual inspections for building health assessments, aiding precise BOQ preparation for repair works. We also provide detailed as-built drawings for streamlined asset and facility management, ensuring efficient lifecycle maintenance.

### Structural Repair's & Retrofitting

We offer specialized services including polymer-modified mortar repair, reinforced concrete jacketing, injection grouting using polyurethane, cement, and epoxy materials.

Our expertise extends to carbon fiber wrapping, carbon fiber reinforced laminates, protective coatings, glass fiber wraps, structural strengthening with composite members, and comprehensive waterproofing solutions.



# LIST OF TEST'S BY SNDT

- Ultrasonic Pulse Velocity Test
- Rebound Hammer Test
- Rebar Mapping
- Half-Cell Potential Test
- Core Cutting & Compression Test
- Chemical Test (Ph, Chloride & Sulphate Test)
- Pullout Test
- CAPO Test
- As-built Structural Drawings Preparation
- Measurement of Structural Member For Drawings Preparation
- Measurement of Structural Damage For BOQ of Repairs
- Dye Penetration Test
- Magnetic Particle Test
- Ultrasonic Thickness Test
- UT on Weld Test
- Slab Load Test Bridge
- Vibration Test
- Hardness Test

## Client Testimonials



### Geometric Engineers Design Pvt Ltd

Delhi, India

#### Mr Pradyumna Rangachariya

Director

"SNDT did a great job with non-destructive testing on our building. They quickly found issues without causing disruptions and provided effective solutions like epoxy grouting. We're very happy with their professionalism and quality."



### WSM Consultants

Mumbai, India

#### Mr Sagar Wali

Owner

"SNDT was thorough and efficient in their testing. They identified problems early and strengthened our building with their solutions. Their expertise gave us confidence, and we'd highly recommend them!"



### GHV (India) Pvt Ltd

Gujarat, India

#### Mr S Panda

Head Of QA/QS

"We hired SNDT Services Pvt Ltd for repair work on our bridge, and their team did an outstanding job. They used advanced techniques like CFRP Laminates and carbon fiber wrapping to strengthen the structure. The work was completed efficiently, with minimal disruption, and the quality was excellent. We're very impressed with their expertise and would highly recommend them for any structural repairs."

# SNDT - Case Study

## COMMERCIAL IT PARK

Located in Pune's prime eastern corridor is a 2.7 million sq ft IT park comprising two office blocks that provide companies with warm shell and fully fitted office spaces for immediate occupancy. Its sustainable features include an urban farm, rooftop solar panels to generate renewable energy.

### Problem Statement

The structural load on the building has increased due to a change in the utility or function of the upper floors. This change, such as converting spaces for heavier equipment, additional occupancy, or new infrastructure, places greater demands on the building's load-bearing elements, potentially impacting the structural integrity if not properly assessed and reinforced.



### SNDT Solution

NDT initiated the project by conducting visual inspections and non-destructive testing across strategically mapped floors and zones, working closely with various consultants. To achieve structural integrity, SNDT employed a range of techniques, including epoxy grouting, carbon wrapping, carbon fiber reinforced laminates, and RCC jacketing, ensuring the structure was reinforced and stabilized effectively.

## CEMENT PLANT

Cement Plant was established in 1986 and after that the plant started producing cement. The total annual production of cement is around 5 million tonnes of cement. The Manufacturing Products of the plant are Ambuja Cement, Cool Walls, Buildcem, Railcem, Alccofine and so on.

### Problem Statement

The cement plant showed signs of structural degradation in silos, support beams, and columns due to heavy loads, vibrations, and chemical exposure. Cracks, spalling, and corrosion raised safety concerns. SNDT conducted a thorough structural analysis and non-destructive testing to assess the damage and recommend repair and reinforcement solutions.

### SNDT Solution

SNDT resolved the cement plant's structural issues by using NDT to assess damage and applying epoxy grouting, carbon fiber wrapping, and RCC jacketing to reinforce beams and columns. These solutions restored structural integrity and ensured safe, reliable operation.





# OUR CLIENTS



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