



SPF INFRA PROJECTS

COMPANY PROFILE



CONTACT DETAILS

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Plot No. PAP C -102, TTC Industrial Area, Turbhe MIDC,
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HI THERE!

Welcome to SPF Infra Projects! We are glad to have you here. Our company is dedicated to providing top-quality piling and geotechnical solutions. With a highly skilled team, advanced equipment, and a commitment to excellence, we ensure the best services in the industry. Whether you need foundation solutions, soil testing, or specialized geotechnical work, we are here to help.

We aim to deliver innovative and cost-effective solutions while maintaining the highest standards of safety and sustainability. Our expertise in deep foundation projects, soil analysis, and complex geotechnical challenges makes us a trusted partner for major construction projects. We continuously invest in the latest technologies and training to stay ahead in the industry.

At SPF Infra Projects, we value strong relationships with our clients. Our team works closely with customers to understand their specific needs and provide tailored solutions. We take pride in our transparent work ethics, ensuring timely project completion and superior quality results.

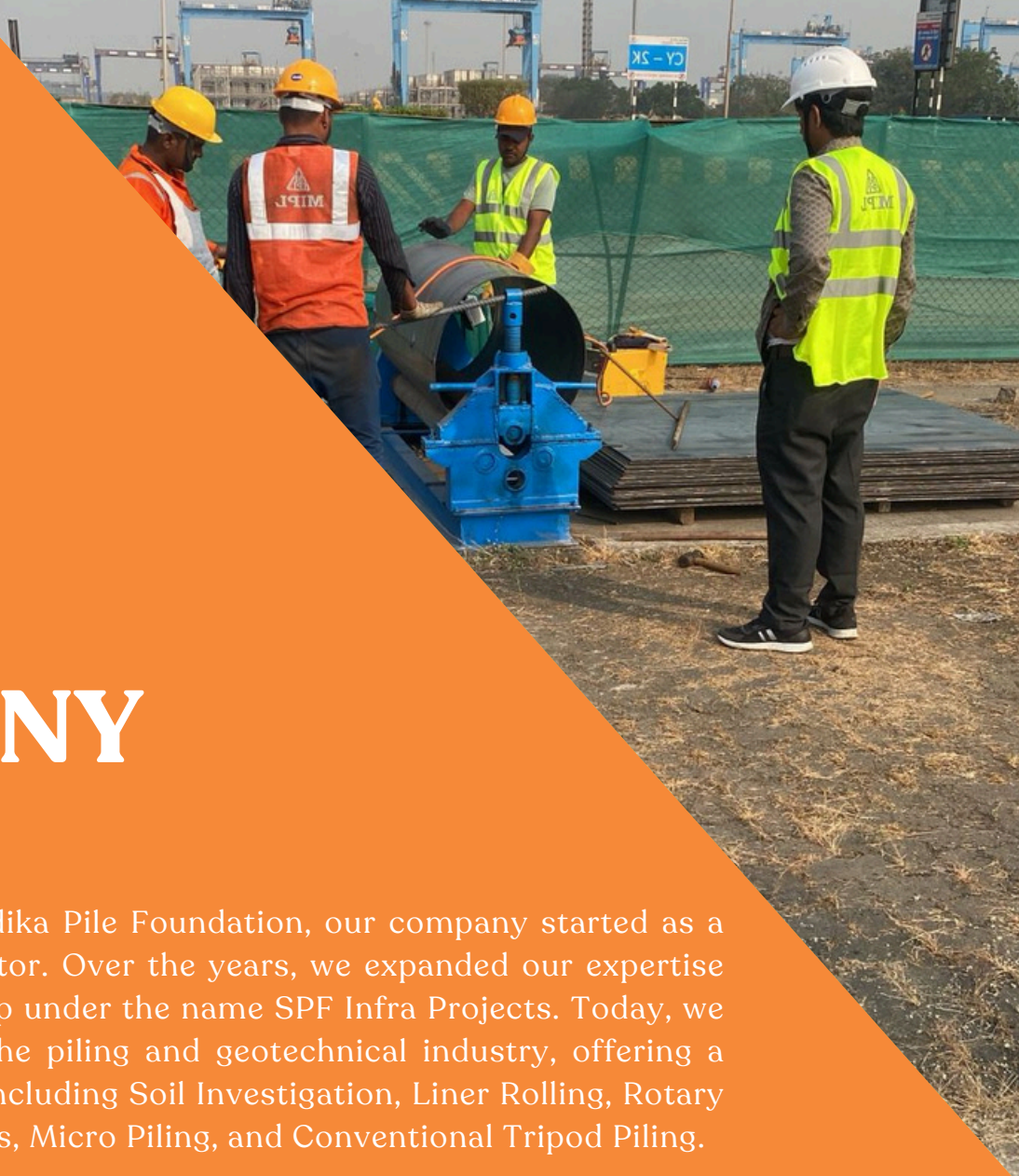
Explore our company profile to learn more about who we are, what we do, and how we can assist you in your projects!



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ABOUT COMPANY

Founded in 2005 as Sadika Pile Foundation, our company started as a dedicated piling contractor. Over the years, we expanded our expertise and formed a partnership under the name SPF Infra Projects. Today, we are a trusted name in the piling and geotechnical industry, offering a wide range of services, including Soil Investigation, Liner Rolling, Rotary Piling with Hydraulic Rigs, Micro Piling, and Conventional Tripod Piling.

Our focus on quality, safety, and timely project completion has helped us build strong relationships with our clients. With a skilled team and advanced equipment, we ensure high standards in all our projects.

We continuously invest in new technologies and training to improve efficiency and precision in our work. Our goal is to provide cost-effective and customized solutions that meet the specific needs of our clients.

At SPF Infra Projects, we are committed to sustainability and environmental responsibility. We follow eco-friendly construction practices to minimize environmental impact. Our long-term vision is to expand our services nationwide and contribute to the growth of the construction sector in India.

SPF Infra Projects is ISO 9001:2015 certified, ensuring that our services meet international quality and safety standards.



Accreditation: CAB # 012312



OUR VISION & MISSION

VISION

Our vision is to be a leader in the geotechnical and piling industry by continuously innovating and providing superior engineering solutions. We aim to build a reputation for excellence, reliability, and sustainability. Our goal is to contribute to infrastructure development while maintaining the highest standards of safety and environmental responsibility. We envision a future where our expertise helps create strong foundations for generations to come.

MISSION

Our mission is to deliver high-quality, cost-effective, and timely solutions to our clients. We strive to exceed customer expectations by maintaining a strong focus on safety, quality, and efficiency. Through continuous learning and adaptation to new technologies, we ensure that our projects meet industry standards and client requirements. Our mission is to foster long-term partnerships with our clients, built on trust, transparency, and mutual -growth.





OUR SERVICE



ROTARY PILE

Rotary piling is an advanced method used for deep foundations in high-rise buildings and industrial projects. It provides high load-bearing capacity and stability, making it ideal for large-scale constructions.



PILE ANCHORING

Pile anchoring strengthens foundations by securing piles into the ground. It is used to prevent shifting and ensure long-term structural stability in buildings, bridges, and other infrastructures.



PILE CAGE MAKING

Cage making involves assembling reinforcement cages that provide extra strength to piles. These cages are essential for deep foundation projects and ensure durability in high-load structures.



PILE TESTING

Pile testing is conducted to check the load-bearing capacity and quality of installed piles. It helps ensure the foundation is strong enough to support the structure.



OUR SERVICE



LINER ROLLING

Liner rolling involves shaping and preparing steel or concrete liners used in piling work. These liners protect the pile and improve stability in challenging soil conditions.



HYDRAULIC PILE

Hydraulic piling uses advanced hydraulic rigs for faster and more precise pile installation. It is commonly used for heavy structures, deep foundations, and projects requiring high efficiency.



SOIL INVESTIGATION

Soil investigation is a crucial step before construction. It involves testing soil properties to determine its strength and suitability for different types of foundations.



CONVENTIONAL TRIPOD

Conventional tripod piling is a traditional method used for piling in areas where heavy machinery access is limited. It is suitable for medium-scale construction projects.



OUR SERVICE



MICRO PILE

Micro piles are used for strengthening foundations in confined spaces and weak soil conditions. They are ideal for repairing existing structures and supporting lightweight buildings.



DTH PILE WORK

DTH (Down-the-Hole) piling is a drilling technique used for hard rock or difficult soil conditions. It provides strong and deep foundations for various structures.



ODEX PILE WORK

Odex piling is a specialized drilling method used in unstable soil conditions. It ensures piles are securely placed and prevents soil collapse during construction.



ROBOT PILE WORK

Robot piling uses automated machinery to install piles with precision. This method improves efficiency and reduces labor costs in piling projects.



CALYX PILE WORK

Calyx piling is a unique technique used for projects that require high precision and strength. It is ideal for foundations in challenging soil conditions.

OUR WORK



METHODOLOGY

At SPF Infra Projects, we follow a structured and well-defined approach to ensure high-quality execution of our piling and foundation work. Our process involves a combination of precise planning, skilled execution, and strict quality control measures to deliver reliable and durable foundations.

Step-by-Step Execution Process

1. Survey & Marking

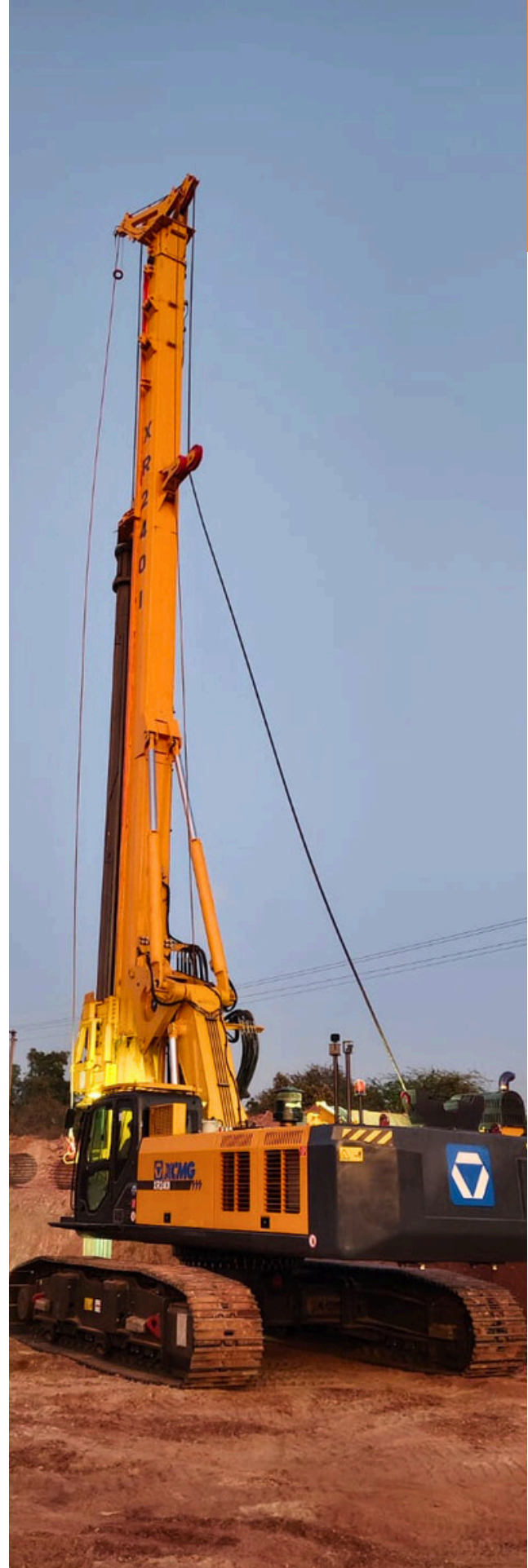
Before starting the piling work, a detailed site survey is conducted to identify the exact locations for the piles. The pile positions are marked on the ground based on the structural design and load-bearing requirements.

2. Rig Positioning & Leveling

Once the pile locations are marked, the piling rig is positioned at each pile point. The rig is carefully adjusted to ensure it is vertically aligned, which is critical for achieving accuracy in drilling.

3. Pre-Boring & Casing Installation

For better stability during drilling, a pre-bore of about 1 meter is made at the pile location. A steel casing is then inserted into the borehole and pressed down using a rotary method to prevent collapse of loose soil layers.





4. Drilling & Boring Operations

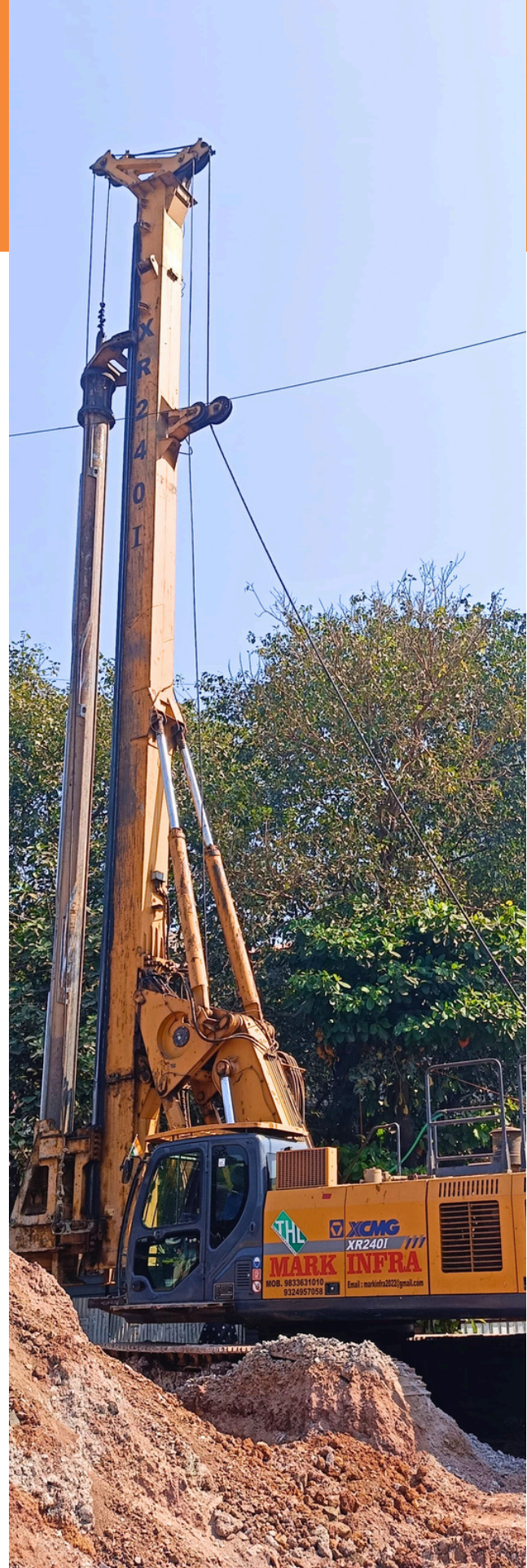
- The boring process is carried out using specialized augers and buckets, depending on the soil conditions.
- For soft clay or loose soil, a soil auger is used.
- In the case of hard strata or rock, a rock auger is utilized for efficient drilling.
- The borehole is periodically cleaned using a bucket to remove debris and maintain the required depth.

5. Borehole Cleaning & Stabilization

Once the drilling reaches the required depth, the borehole is cleaned thoroughly to remove loose particles. This ensures that the pile will have a strong and stable base. If required, a bentonite slurry or polymer solution is used to stabilize the borehole walls and prevent collapse.

6. Reinforcement Cage Placement

- Pre-fabricated reinforcement cages are prepared in advance as per the structural design.
- The reinforcement cage is carefully lowered into the borehole with the help of a crane.
- Proper alignment is ensured to maintain the design specifications.



7. Concreting Using Tremie Pipe Method

- Concreting is done using the Tremie Pipe Method to prevent segregation and ensure uniform concrete placement.
- A tremie pipe with a hopper is lowered into the borehole, reaching the bottom.
- Concrete is poured through the tremie pipe, ensuring a continuous flow from the bottom to the top.
- The tremie pipe is gradually lifted while maintaining a consistent concrete level to avoid contamination with soil.

8. Casing Removal & Finalization

- Once the concrete is filled to the required level, the steel casing (if used) is carefully extracted.
- The top portion of the pile is leveled and finished as per the construction requirement.

Additional Site Practices for Efficiency

- ✓ Pre-Fabrication of Reinforcement Cages: Reinforcement cages are prepared in advance to avoid delays in execution.
- ✓ Proper Waste Disposal: Muck and debris are promptly removed from the site to maintain cleanliness.
- ✓ Continuous Concrete Supply: Ready-mix concrete (RMC) is ensured on-site for uninterrupted piling work, improving efficiency.





OUR FACILITIES & EQUIPMENT

At SPF Infra Projects, we use modern equipment and advanced technology to ensure efficient and high-quality piling and foundation work. Our well-maintained machinery, combined with skilled professionals, helps us deliver reliable and durable solutions for various construction projects.

1. Piling Rigs

We use hydraulic rotary piling rigs for deep foundation work, allowing precise drilling in different soil conditions. These rigs help in boring at great depths while maintaining accuracy and stability.

Types of Rigs We Use:

- ✓ Rotary Piling Rigs – Used for large-diameter and deep piling projects.
- ✓ DTH (Down-the-Hole) Drilling Rigs – Ideal for hard rock formations and deep foundation work.
- ✓ Micro Piling Rigs – Used for confined spaces and weak soil conditions.

2. Soil Testing Equipment

Before starting any foundation work, SPF Infra Projects conducts detailed soil testing to understand the soil strength and composition. Our testing equipment helps determine the load-bearing capacity of the ground, ensuring safe and stable construction.

- ✓ Standard Penetration Test (SPT) Equipment – Measures soil strength and density.
- ✓ Dynamic Cone Penetrometer (DCP) – Evaluates soil compaction and stability.
- ✓ Lab Testing Kits – Used for moisture content, particle size, and soil classification.





3. Reinforcement & Cage Fabrication

For added strength and stability, steel reinforcement cages are pre-fabricated in our workshop before being installed at the site. Our advanced fabrication facilities ensure high precision and quality.

- ✓ Reinforcement Bar Cutting & Bending Machines – Used to shape steel as per structural design.
- ✓ Cage Welding Equipment – Ensures strong and durable reinforcement cages.

4. Drilling & Boring Tools

We use a variety of drilling tools to suit different soil and rock conditions.

- ✓ Augers – Used for drilling in soft clay and loose soil.
- ✓ Rock Augers – Used for cutting through hard rock and tough ground layers.
- ✓ Coring Barrels – Extracts rock samples for testing and ensures precise drilling.

5. Concreting & Pile Casting Equipment

We follow advanced concreting methods to ensure strong and stable foundations.

- ✓ Tremie Pipes – Used for underwater and deep borehole concreting.
- ✓ Concrete Pumps – Ensures smooth and continuous concrete flow.
- ✓ Ready-Mix Concrete (RMC) Support – Provides consistent quality and strength.





6. Heavy Lifting & Material Handling

Efficient material handling is essential for smooth operations. Our lifting and transport equipment ensure that materials are safely moved across the site.

- ✓ Cranes & Boom Lifters – Used for placing reinforcement cages and handling heavy loads.
- ✓ Crawler Loaders & Excavators – Help in site preparation and debris removal.

7. Safety & Monitoring Equipment

At SPF Infra Projects, safety is a top priority. We use advanced monitoring and protective equipment to ensure a safe working environment.

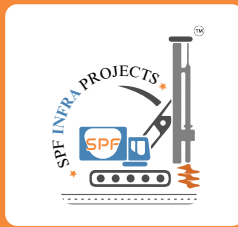
- ✓ Pile Integrity Testing (PIT) Machines – Ensures that piles are defect-free and strong.
- ✓ Safety Harnesses & PPE Kits – Protects workers from accidents.
- ✓ Vibration & Noise Monitoring Tools – Helps minimize impact on surrounding structures.

Why Our Equipment Matters?

- ✓ Precision & Efficiency – Ensures accurate and high-quality work.
- ✓ Adaptability – Suitable for different soil conditions and project types.
- ✓ Safety & Durability – Reduces risks and ensures long-lasting foundations

With state-of-the-art facilities and modern equipment, SPF Infra Projects delivers reliable, cost-effective, and high-quality piling and foundation solutions for all types of construction needs.





KEY OFFERINGS – STRATEGIC GROWTH PROGRAM

At SPF Infra Projects, our Strategic Growth Program is designed to expand our services and improve our capabilities. We are committed to taking on bigger and more complex projects, ensuring high-quality work and timely completion.

OUR FOCUS AREAS:

- ✓ Investment in Advanced Equipment – We use the latest machinery and technology to improve efficiency and project quality.
- ✓ Skilled Workforce Development – We regularly train our team to enhance their expertise and stay updated with industry trends.
- ✓ Strong Project Management – Our experienced professionals ensure smooth execution, from planning to completion.
- ✓ Customer-Centric Approach – We prioritize client satisfaction by delivering reliable, cost-effective, and timely solutions.





MEET OUR TEAM



MR. MOHAR ALI KHAN
FOUNDER



MR. ABRAR ALI KHAN
CO - FOUNDER



MR. JAFAR ALI KHAN
CO - FOUNDER



Tarkeshwar Singh
ENGINEER



Eazaz Ahamed
ENGINEER



Ajay R. Ade
SURVEYOR



Amirullah Chaudhari
SUPERVISOR



Sohrab Ali Khan
SUPERVISOR



Kalim Khan
SUPERVISOR



Yusuf Khan
SUPERVISOR



Nikita Gautam
ACCOUNTS



Mohd Arif
ACCOUNTS



Prem Kumar
MANAGER



Saud Shaikh
DESIGNER



OUR PRESTIGIOUS CLIENTS





SUCCESSFULLY COMPLETED BY SPF INFRA PROJECTS

SR NO	CLIENT COMPANY NAME	SITE ADDRESS	PILES QUANTITY	METHOD RIG
1	SAKSHI CONSTRUCTION	MAHAD	50 NOS	ROTARY RIG
2	DANISH PILE TECH	MANKHURD, MUMBAI	53 NOS	ROTARY RIG
3	GAMI GROUP	VASHI, NAVI MUMBAI	125 NOS	ROTARY RIG
4	L&T	URAN RLY PROJECTS	735 NOS	TRIPOD RIG
5	HARI OM CONSTRUCTION	SURENDRANAGAR GUJRAT	84 NOS	TRIPOD RIG
6	NEELKANTH CORPORATION	RAJKOT GUJRAT	17 NOS	TRIPOD RIG
7	A T ODEDRA	PORBANDER GUJRAT	32 NOS	ROTARY RIG
8	METRO CAPITAL	JOGESHWARI, MUMBAI	180 NOS	ROTARY RIG
9	ASHOKKUMAR & CONSTRUCTION	PORBANDER GUJRAT	64 NOS	TRIPOD RIG
10	PRAMID CONSTRUCTION	VITAWA NAKA THANE	235 NOS	TRIPOD RIG
11	RELIABLE PILE FOUNDATION	PUNE	350 NOS	TRIPOD RIG
12	BHOSALE GROUP	ULWE, NAVI MUMBAI	350 NOS	TRIPOD RIG
13	RAVECHI GROUP	ULWE, NAVI MUMBAI	200 NOS	TRIPOD RIG
14	SKYLINE CONSTRUCTION	ULWE, NAVI MUMBAI	221 NOS	TRIPOD RIG
15	THARWANI BUILDERS	KHADPADA KALYAN	150 NOS	ROTARY RIG
16	J KUMAR INFRAPROJECTS LIMITED	BHAYANDER MUMBAI	65 NOS	ROTARY RIG
17	PAWAR PATKAR CONSTRUCTION PVT LTD	BELAPUR, NAVI MUMBAI	300 NOS	ROTARY RIG
18	GEODUX CONSULTANTS LLP	KARNATAKA	58 NOS	ROTARY RIG
19	M H CONSTRUCTION	KARNATAKA	30 NOS	ROTARY RIG
20	SADANAND ENGINEERING WORK	URAN, NAVI MUMBAI	62 NOS	ROTARY RIG
21	THE POWERLINE	TURBHE MIDC, NAVI MUMBAI	08 NOS	ROTARY RIG
22	CHAMUNDA INFRASTRUCTURE LIMITED	SEWRI, MUMBAI	150 NOS	ROTARY RIG
23	ALD AVNI INFRA PROJECTS LLP	USMANABAD	150 NOS	ROTARY RIG
24	SIDDHI KRISH DEVELOPERS	BALKUM, THANE	300 NOS	ROTARY RIG
25	A N FOUNDATION	BHAV NAGAR GUJRAT	60 NOS	TRIPOD RIG
26	CHAMUNDA CONSTRUCTION	RABALE MIDC	70 NOS	TRIPOD RIG
27	ABHIMAAN DEVELOPERS	ULWE, NAVI MUMBAI	50 NOS	TRIPOD RIG
28	S K ENTERPRISES	ULWE, NAVI MUMBAI	25 NOS	TRIPOD RIG
29	SIDDI KRISH DEVELOPERS	KASARVADAULI, THANE	40 NOS	TRIPOD RIG
30	VIJAYKUMAR ROOPCHANDANI	VASAI, PALGHAR	30 NOS	ROTARY RIG



OUR EQUIPMENTS



XCMG - 240I

Quantity 03 Rig



XCMG - 220D

Quantity 01 Rig



XCMG - 210I

Quantity 01 Rig



XCMG - 178E

Quantity 01 Rig



MAIT HR 130

Quantity 01 Rig

ZOOMLION ZR - 185

Quantity 04 Rig



TRIPOD 4 YDA

Quantity 08 Rig

TRIPOD 3 YDA

Quantity 14 Rig



TRIPOD 2 YDA

Quantity 03 Rig

LINER PLATE ROLLING MACHINE

Quantity 06 Rig



EICHER TRUCK

Quantity 01 Rig

PICKUP

Quantity 01 Rig



HYDRA 14 TON

Quantity 01 Rig

TRIPOD TOOLS

400mm to 2500mm



HYDRAULIC ROTARY TOOLS

600mm to 3600mm

CLIENT SAY ABOUT US



BEST COMPANY
As work is done on
Time

L&T Project Manager



Great Support
as they believe in
client Satisfaction

Westin Developer Director



Fast & Reliable
with Best Services
& Quality

Seth Developer Project Manager





CONTACT
US

GET IN TOUCH

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