

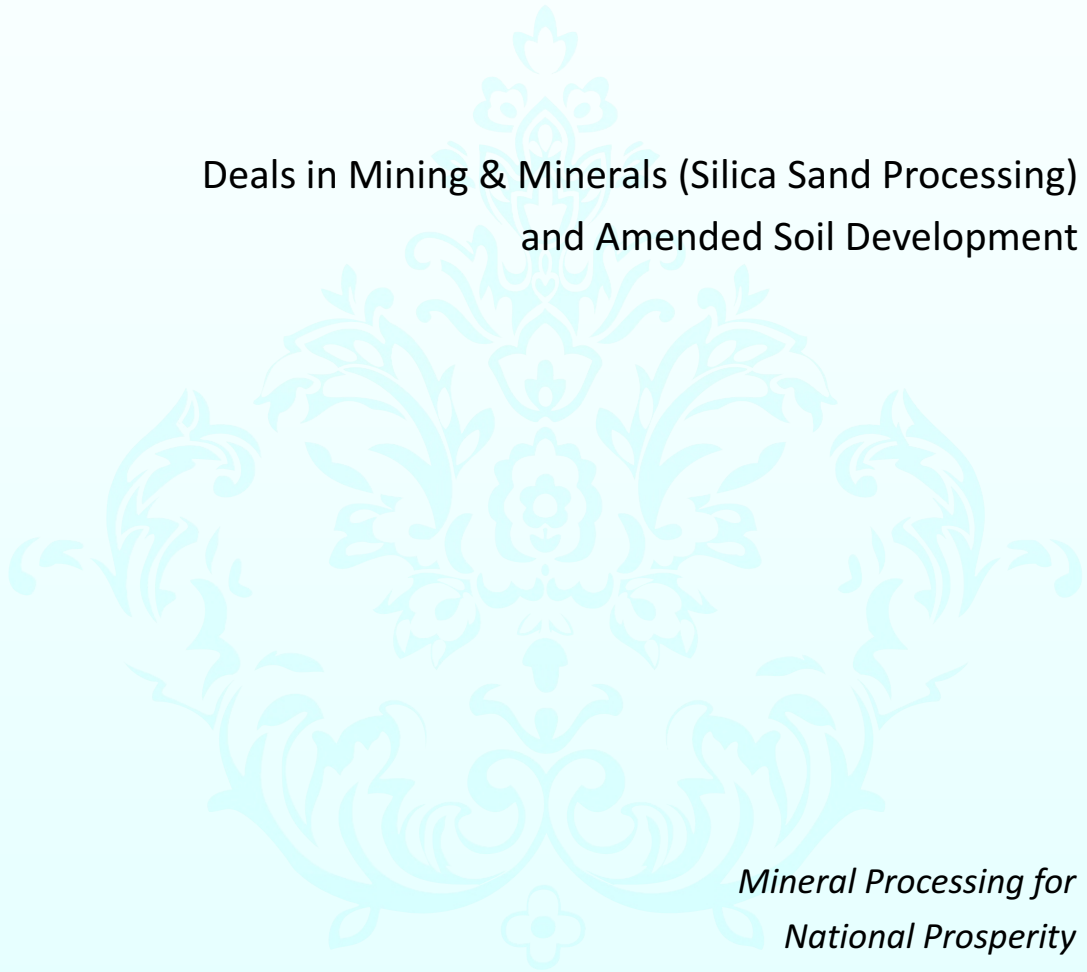


GreenTech TECHNOLOGIES



GREENTECH
TECHNOLOGIES

Deals in Mining & Minerals (Silica Sand Processing)
and Amended Soil Development



*Mineral Processing for
National Prosperity*



COMPANY
PROFILE



ABOUT US

GreenTech Technologies is engaged in the processing and sale of industrial minerals especially silica and quartz sand. Company is registered with the Federal Board of Revenue (FBR) under NTN 6436554-6 and GST 32-77-8761-966-13. The registered office and production facility of the company is situated at Plot No. NC-213, Opposite Baqai Cadet College, Gadap Town, Karachi.

GreenTech Technologies has extensive experience in the supply of graded and washed Silica Sand for various applications in the coating, foundry, casting, mortar, construction, abrasives, filtration, recreational and glass-making industries. We have an on-site silica sand processing, grading, washing, and drying facility in our factory at Gadap Town.

MISSION

GreenTech Technologies operates in the area of Mining and Minerals processing with dedication, professionalism and spirit of innovation, employing technologies those are environmental friendly. Our team consist of highly qualified & experienced geochemical and geotechnical professionals including scientists, engineers and trained manpower in the relevant fields. The company provides a wide range of custom-built solutions to provide locally sourced metallic and non-metallic minerals to fulfill the needs of industries in Pakistan.

We Provide Complete Customer Satisfaction Through

- Well Processed Products
- Prompt Service
- Technical Support
- Project Management
- Fast Delivery
- After Sales Service / Follow-up
- Application Assistance

Main Features Include

- Unique combination of knowledge and experience in mineral sector
- Leader in high-quality mineral products, technical expertise, and specialized services
- Delivers environment friendly and cost-effective mineral processing solutions
- Builds long-lasting relationships with customers





Silica Sand Supply in the Industry

Welcome to our brochure on silica sand supply! Discover the importance of silica sand in various industries and explore our expertise in providing high-quality silica sand. Join us in shaping the future of a thriving industry.

About Our Business

We are experts in the field of silica sand supply, catering to the needs of diverse industries. With years of experience, our team delivers exceptional products and services, ensuring customer satisfaction at every step of the way.

Importance of Silica Sand in the Industry

Silica sand plays a vital role in various industries, from construction to manufacturing. Its unique properties make it indispensable for applications such as glass production, foundries, and hydraulic fracturing.

Our Expertise in Silica Sand Supply

With deep knowledge and extensive experience, we are the go-to source for quality silica sand supply. Our commitment to excellence, reliability, and customer satisfaction sets us apart in the industry.

Silica Sand Properties

Composition of Silica Sand

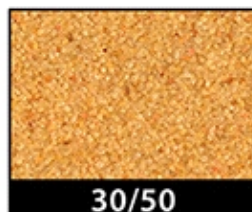
Silica sand consists mainly of silicon dioxide (SiO_2), making it an essential raw material in numerous applications.

Uses of Silica Sand

From glass manufacturing to water filtration, silica sand finds wide-ranging applications due to its purity and unique physical properties.

Quality Considerations

We adhere to stringent quality standards, ensuring that our silica sand meets the specifications and requirements of our valued clients.





The Importance of Quality Standards

Silica sand is found in natural deposits worldwide. These deposits form over millions of years as wind and water erode silica containing rocks like granite and quartz. These eroded minerals accumulate in riverbeds, beaches, and dunes.

Silica sand is an essential natural resource that plays a vital role in numerous industries. Understanding the secrets behind its production and extraction allows us to better appreciate its value and the importance of responsible resource management.

At GreenTech Technologies, we are committed to the sustainable production of silica sand and contribute to the development of various industries with a focus on environmental preservation.

1

Particle Size Distribution

High-quality silica sand should have a consistent particle size distribution, ensuring optimal packing density and minimal voids in the construction materials.

2

Purity & Clarity

Clear and pure silica sand is essential for producing high-strength concrete and ensuring the durability and integrity of the finished structures.

3

Diversity in Nature

It can be found in various forms, such as beach sand, dunes, and even as a major component in glass.





Production Process of Silica Sand

Washing & Screening

The raw material is thoroughly cleaned to remove impurities and graded according to different particle sizes.

Packaging & Distribution

The final product is packaged and distributed to industries worldwide, ensuring a seamless supply chain.

1

Mining & Extraction

The process begins with carefully selecting and extracting silica sand from natural deposits.

2

3

Drying & Sorting

The sand is dried, and additional processing separates it into different grades suitable for specific applications.

4





Uses of Silica Sand

There are a number of different uses for silica sand in the industrial and commercial sectors, from golf courses to glassmaking. Silica sand is a commercial and consumer product. How silica sand is used depends on physical, chemical, and mechanical characteristics such as grain size, shape, colour, structure, and distribution, as well as refractoriness, strength and stability. These characteristics can differ depending on how the mineral is processed after it is mined.

Here are common uses for silica sand;

Glass Production

From windows to drinkware, silica sand is the key ingredient that gives glass its clarity and strength.

Construction Materials

Its binding properties make it an essential component in concrete, mortar, and bricks.

Filtration Systems

Its high porosity and inert nature make it an excellent choice for water and air filtration systems.

Foundry Casting

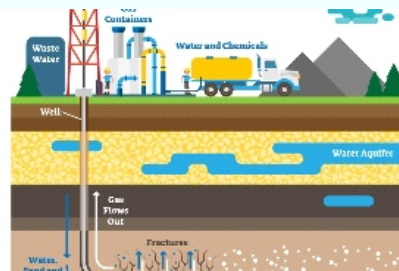
With its ability to withstand high temperatures, silica sand is used in molds for metal casting.

Paint and Coating Systems

Silica sand is used in paints and coatings to improve the overall look and durability of the paint. Silica fillers improve paint's tint reduction and dirt resistance,

Abrasive Systems

Silica sand is commonly used as an abrasive for industrial blasting. Silica sand is often coated with solutions designed to control dust.





Quality Assurance and Testing

1

Laboratory Analysis

Stringent testing protocols involve laboratory analysis to verify compliance with quality standards and performance characteristics.

2

Field Testing

Field evaluations assess the behavior and compatibility of silica sand with other construction materials in real-world applications.

3

Certification & Compliance

Quality certifications and compliance ensure that the supplied silica sand meets industry-specific requirements and regulations.

A Few of GreenTech's Clients

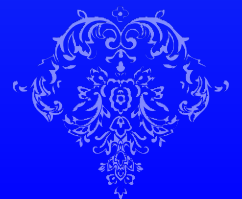
Our major clients for supply of Silica sand include

Atlas Honda Limited, Master Builders Solutions Pakistan (Pvt) Ltd (BASF Chemicals), The General Tyre and Rubber Company of Pakistan Ltd, Bolan Casting (Pvt) Ltd, Captain PQ Chemical Industries (Pvt) Ltd, Burraq Engineering (Pvt) Ltd, Atlas Hitec (Pvt) Ltd, Bahria Town Karachi, etc.





GreenTech TECHNOLOGIES



We Believe in Purity & Quality...



Office: M-4, Galaxy Excel Apartments, Near Sindhbad,
Gulshan-e-Iqbal Block-10, Karachi, Pakistan.

Plant: NC-213, Opposite Baqai Cadet College,
Gadap Town, Karachi.

Tel: +92-21-34410676,

Cell: +92-320-3100638, +92-333-3564570

Email: greentech2526@gmail.com

Web: www.gtech.pk