



SHIV ENTERPRISE
NATURAL SILICA - SAND

Premium Silica Sand
for Every Industry...

Delivering high-purity silica sand
Solutions with precision & consistency
For modern industries.



**HIGH QUALITY
SILICA SAND**

Reliable | Consistent | Industry Grade

ESTD. 2024

About Us :

Welcome to Shiv Enterprise, your trusted partner in the silica sand and construction sand industry. Established in 2024 and headquartered in Sultanpura, Jhagadia, Bharuch, Gujarat, we are dedicated to setting new benchmarks in quality, innovation, and sustainability. Supplier of premium quality Foundry grade Silica sand AFS 40/45, Silica sand AFS 45/50, Silica sand AFS 50/55, Silica sand AFS 55/60, Construction Grade Silica Sand, Tiles Adhesive Silica Sand, Ready Mix Plaster Grade Silica Sand, Micro Fine Silica Sand.

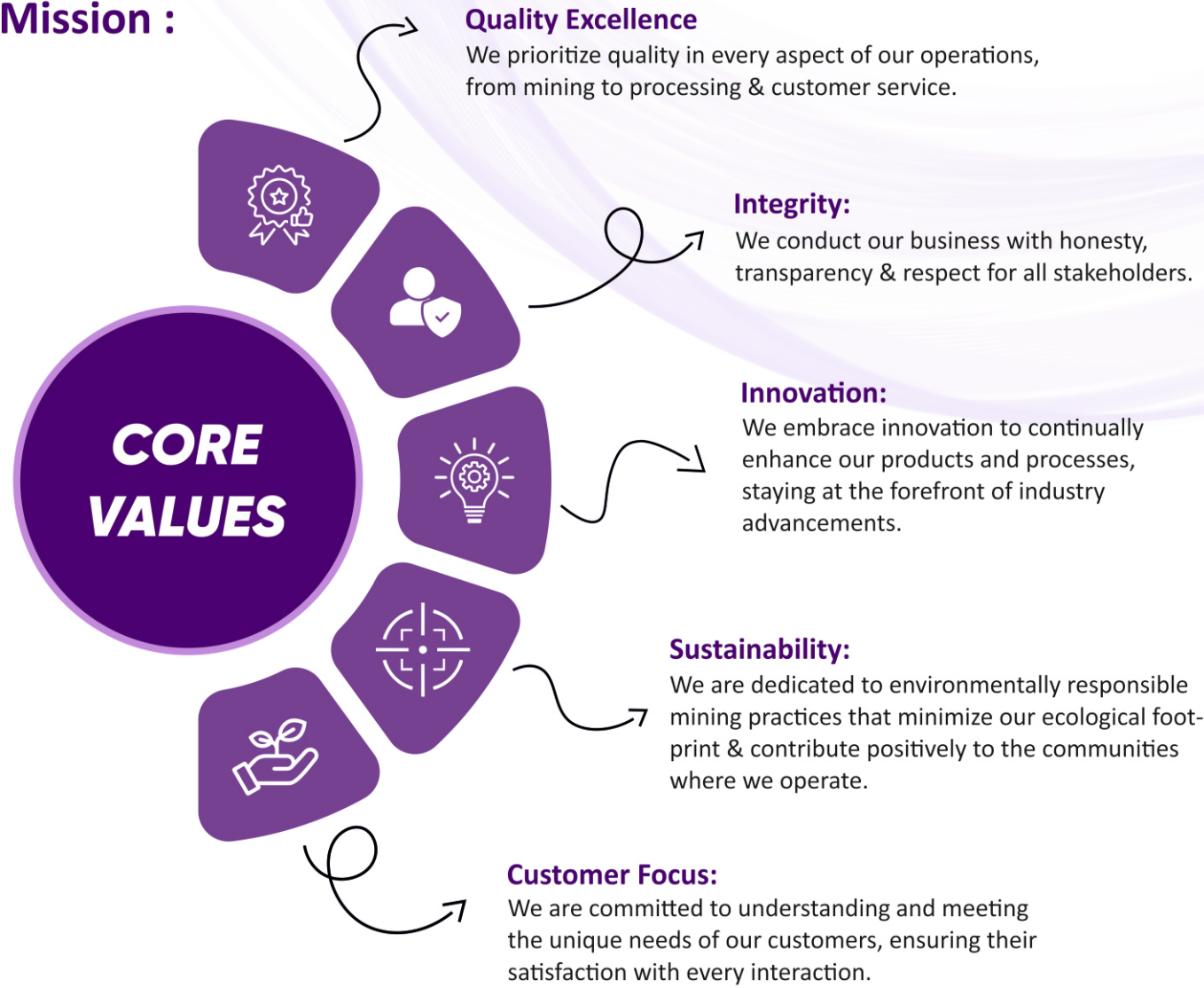
Vision :

Our vision as Shiv Enterprise is to set the benchmark for customer satisfaction in the silica sand industry by delivering consistently pure products, reliable service, and tailored solutions to our clients. We aspire to

Our Expertise :

- ✓ Consistent High Purity
- ✓ Precision Grading
- ✓ Quality Control at Every Step
- ✓ Reliable Supply & Service
- ✓ Sustainable Operations

Mission :



Quality Assurance :

We ensure consistent quality through daily testing of key parameters including AFS, Clay Content, Moisture, ADV and pH, maintaining strict control for reliable and high-performance silica sand.

Foundry Grade :

SILICA SAND

Silica sand is a fundamental component in various industrial applications due to its high purity, superior quality & diverse range of uses. At Shiv Enterprise LLP, we specialize in manufacturing several grades of silica sand tailored to meet the stringent demands of different industries.



DRIED & WASHED SILICA SAND FOR FOUNDRY

Specially formulated for foundry applications, our dried & washed silica sand meets the stringent requirements of the foundry industry. It provides excellent moldability, strength, & thermal stability, making it an essential material for casting processes.



CONSTRUCTION SAND

Shiv Enterprise LLP offers high-quality construction sand that is essential for various building and construction projects. Our construction sand is sourced from reliable deposits & processed to meet strict quality standards, ensuring optimal performance and durability in concrete mixes, plastering & other construction applications.



Packaging Solutions

At Shiv Enterprise, we provide flexible and reliable packaging options to suit various customer requirements. Our silica sand is available in 25 kg and 50 kg bags, as well as 1-tonne jumbo bags for bulk handling. All packaging is designed to ensure safe storage, easy transportation, and protection of material quality throughout the supply chain.



Silica Sand for Foundry Industry

Chemical Composition:

Typically $\geq 95\%$ SiO_2 , often up to 98% or higher for foundry-grade sand. Low iron oxide content is crucial to prevent casting defects.

Physical Properties:

Hardness around 7 on Mohs scale.

Heat resistant with a melting point around 1713°C .

Chemically inert, insoluble in water and most acids except hydrofluoric acid.

Importance of Grain Size / Gradation:

Foundry sand must have specific grain size ranges to ensure good permeability, strength, and surface finish in metal casting molds and cores.

Gradation (AFS)	Grain Size Characteristics	Foundry Use Case
40-45	Coarse grains with high permeability	Rapid gas escape, heavy-duty molds
45-50	Slightly finer, balanced properties	General mold making
50-55	Medium coarse	Versatile, general foundry sand
55-60	Medium grain size	Common choice, balanced strength & finish
60-65	Medium fine	Better surface finish molds
65-70	Finer grains, smooth finish	Non-ferrous casting, intricate molds
70-80	Fine grains	Precision molds with detailed surfaces
80-90	Very fine grains	High precision, intricate castings

Our Capabilities :

- ✓ Manufacturing Capacity: 600 metric tons per day
- ✓ Product Varieties: Wet Silica Sand & Dry Silica Sand
- ✓ Packaging Options: Loose supply & bag packaging (customizable bag sizes)
- ✓ Storage: 20,000 MT dedicated godown space for stock availability
- ✓ Distribution: On-time delivery to domestic and international customers

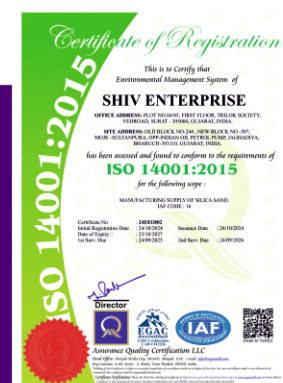


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📍 Old Block No. 244, New Block No. 587, Opp. Indian Pump,
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