



SILICA KHANIZ UDYOG

Silica Sand Supplier



JMD GEO CHEM INDUSTRIES

Resin Coated Sand Manufacturer

Washed, Dry & Graded Silica Sand | Resin Coated Sand



WHO WE ARE



With over **45 years of expertise**, Silica Khaniz Udyog is proud to be one of the oldest and most trusted suppliers of premium Washed, Dry & Graded Silica Sand, and Resin Coated Sand from Shankargarh, Allahabad. Proud to say that we are also the **largest Silica Sand Leaseholder by carpet area in the country**. Our mines in the Shankargarh region are **cleared for operations until 2034 with Environmental Clearances awarded to us for all our mines**. As an **ISO 9001:2015, ISO 14001:2015, and ISO 45001:2018 certified company**, we adhere to the highest standards of quality, environmental responsibility, and workplace safety.

Silica Khaniz Udyog's advanced facilities feature cutting-edge Silica Sand washing plants, including **North India's first Hydro Jet Sizer, designed to produce superior-quality sand by minimizing finer grains and eliminating clay content**.

PLANT WITH ANNUAL CAPACITY

Plant	Annual Capacity
Production Capacity	100,000 MT
Additional Production Capacity	20,000 MT
Raw Material	1,60,000 MT
Finished Goods Storage Capacity	40,000 MT

CERTIFICATIONS

We feel proud to say that we are ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018 Certified as well.



FIRST HYDRO JET CLASSIFIER OF NORTH INDIA



MECHANISM OF HYDRO JET CLASSIFIER

Our Hydro Jet Classifier is a modern washing plant which is very different from the traditional pot washing or any other modern plant. It **brings down the clay percentage to the minimum** and grades the Silica Sand according to the customer's need during washing.

PRODUCTS

At Silica Khaniz Udyog, our product lineup includes **Washed, Dry & Graded Silica Sand with AFS ranging from 35-120+ and Resin Coated Sand**, all processed to the highest standards for superior performance. Our state-of-the-art Resin Coated plant guarantees precise quality control, making us a trusted supplier for industries like Aluminum, Cast-Iron, S.G. Iron and Still Foundry Industries. With a focus on reliability and excellence, we continue to deliver products that meet the exact specifications of our customers.

CHEMICAL COMPOSITION OF ALLAHABAD SAND

Compound	Mass Percentage (%)
SiO ₂	98-99
Al ₂ O ₃	1.5
Fe ₂ O ₃	0.04
CaO	0.06
MgO	0.08
LOI	0.02

ADV (ACID DEMAND VALUE) 0-2 ML



Ware Houses/ Go-downs

Fully Automatic Silica Sand Dryers



Lab / Testing Facilities

OUR CAPABILITIES



30,000 MT

**Total Storage
Capacity**



10,000 MT

**Monthly
Supply**



15,000 MT

**Monthly
Supply
Capacity**



20 MT/Hr

**Dryers
Capacity**



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We manufacture all grades of Resin Coated Sand for the preparation of Shell Cores and Moulds which are processed using high grade Silica Sand. By pre-coating it with catalyst and phenol-formaldehyde (PF) resin, this sand is prepared. We are a leading Manufacturer of Resin Coated Sand used for Aluminium, Cast-Iron, S.G. Iron and Still Foundry Industries.

Our **300 kg Batch Resin Coating Plant** uses Warm Process with Liquid Resin and is fully automatic. We have a capacity of over **1000 MT monthly Resin Coated Sand (Shell Sand)**. We produce all grades of Resin Coated Sand with **AFS range from 30 to 90 and Resin from 2% to 7%**. All operations from weighing, mixing, mulling, cooling to final screening of the Coated Sand is completed with total control over various quality parameters.

Resin Coated Sand

Oil Gallery

Low Gas/
High Strength

Alu Grade

Low LOI



Get in touch with us :

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