



Balaji Engineering



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Engineering a better future



About Us

Built on a legacy of manufacturing excellence, Balaji Engineering was established in 2025 to bring premium silica sand to the broader market. Our journey began in 2002 with MM Engineering, where we spent over two decades perfecting our processes as the exclusive supplier for a single, high-demand enterprise. Driven by a vision to share this unparalleled expertise with the wider industry, Balaji Engineering was born. Today, we supply a comprehensive spectrum of top-tier silica sands—including AFS 30/40, 40/45, 45/50, 50/55, 55/60, 60/70—delivering uncompromising quality and reliability to every partner.

Mission

To manufacture superior-grade silica sand by continuously integrating the latest industry technologies, providing our clients with seamless, end-to-end solutions and unmatched reliability.

Vision

To be the ultimate hub for the silica sand industry, bringing every technological advancement and innovative solution together under one roof.



Our Journey

Our journey is defined by a relentless pursuit of manufacturing excellence. In 2002, we established MM Engineering, dedicating over two decades to serving as the exclusive silica sand supplier for a single, high-volume industry leader. This focused approach allowed us to perfect our processing techniques and achieve unparalleled quality control. Recognizing that our refined expertise could benefit the broader market, we launched Balaji Engineering in 2025. Today, we have evolved from a specialized manufacturer into a dynamic, market-facing brand. We proudly bring our legacy of precision to the entire industry, supplying a comprehensive spectrum of premium silica sand grades—including AFS 40/45, 45/50, 50/55, 55/60, and 60/70—engineered to meet the highest global industry standards.

Quality Assurance

" Consistent quality is our highest priority. We implement rigorous, multi-stage testing throughout our manufacturing process to ensure our silica sand meets strict industry standards. Every batch is carefully analyzed for optimal purity, precise AFS grading, and moisture control, guaranteeing reliable performance for your operations."

Our core values are the bedrock of our manufacturing legacy. They drive our daily operations, ensure absolute consistency, and guarantee we deliver the uncompromising quality our partners rely on.

Core Values



Quality

We are dedicated to producing the highest grade silica sand, ensuring every batch meets strict industry standards for purity and performance.



Consistency

We know your operations depend on reliable materials. We focus on delivering precise AFS grading and exact specifications, every single time.



Success

Your end product is our priority. We aim to be a trusted partner who supports your manufacturing needs with seamless service and timely delivery.



Integrity

We conduct our business with honesty, transparency, and a strong commitment to safe and responsible processing practices.

Our Products

Bolier sand

Specifically graded for use in fluidized bed combustion (FBC) boilers, this high-purity silica sand provides exceptional thermal stability and heat transfer efficiency. It is highly resistant to crushing and clinker formation at elevated temperatures, ensuring uniform fluidization, optimal fuel combustion, and extended operational lifespans for demanding industrial boiler systems.

Chemical grade silica

This ultra-high-purity white silica sand is rigorously processed to maintain absolute chemical consistency and minimal trace elements. It is engineered specifically for demanding industrial environments, including chemical manufacturing, specialized glass production, and precision material formulations.

Dried and double washed silica sand

Subjected to a rigorous double-washing and precision drying process, this premium sand is thoroughly stripped of clay, dust, and residual impurities. The result is a highly consistent, clean, and dry aggregate ready for a wide range of advanced construction, filtration, and manufacturing needs.

Dried and double washed silica sand for foundry

Tailored specifically for the metal casting industry, this specialized silica sand offers exceptional thermal stability, optimum permeability, and a high melting point. Its clean, double-washed, and dried nature ensures flawless mold creation, excellent surface finishes, and minimal casting defects for demanding foundry operations.

P sand

Our precisely graded Plastering Sand (P Sand) is manufactured to provide the perfect grain shape and consistency for smooth, high-quality finishes. Free from silt and organic impurities, it serves as a superior, eco-friendly alternative to river sand, making it ideal for bricklaying, rendering, and all plastering applications.



Message from founder

"I started this company with a very straightforward goal: to make sure you never have to worry about the quality of your silica sand. I know firsthand that in manufacturing, a single bad batch can throw off an entire production line—there's just no room for error. That's why we obsess over the details, from rigorous quality control to getting the grading exactly right. When you work with us, you aren't just buying raw materials. You're taking a headache out of your supply chain, so your team can focus on running a smooth operation."

- Rahul Choudhari