

INTRODUCTION

Name: Khurshid Ahmed & Sons

Founded: 1958

Founder: Mr. Babu Khurshid Ahmed (Late) (1930 - 2011)\

Chair Person: Mr Barkaat Ahmed

Headquarters: Hassan Abdal, District Attock, Punjab, Pakistan

Industry: Lime Manufacturing

Products: Quick Lime (Calcium Oxide), Hydrated Lime (Calcium Hydroxide), Limestone

Website: www.khurshidahmedsons.com



Babu Khurshid Ahmed is the founder of khurshid ahmed & co. The company was established in 1965 under the supervision of himself.

Babu Khurshid Ahmed

Founder



Barkaat Ahmed Son of (Khurshid Ahmed) is the current acting chair person. After the death of Babu khurshid Ahmed in 2011, Company was handover to Mr Barkaat Ahmed.

Barkaat Ahmed

CEO

Company History

Khurshid Ahmed & Sons, Pakistan's first lime manufacturing company, has a rich heritage rooted in the legacy of its **founder, Mr. Khurshid Ahmed**. Established in 1958 under the name Khurshid Ahmed & Co., the company pioneered lime production in Pakistan. Following the passing of Mr. Khurshid Ahmed in 2011, the company was renamed Khurshid Ahmed & Sons, symbolizing the continuation of his vision and commitment to quality.

The company is strategically positioned 50 km from Islamabad on the Rawalpindi Peshawar Main GT Road, ensuring easy access to major markets. Under the ardent management of **Mr. Barkaat Ahmed, the acting chairperson**, Khurshid Ahmed & Sons has scaled new heights of success, becoming a key supplier of pure limestone, quick lime, and hydrated & de-hydrated lime, both domestically and internationally.

Vision and Mission

Our vision is to be the most trusted and reliable provider of Quick Lime CaO, slaked, and unslaked lime. We are dedicated to continuously elevating our brand through innovation, an unwavering commitment to quality, and superior customer service. Our goal is to grow and increase global awareness of our data acquisition solutions, ensuring we meet the highest standards and fulfill the diverse needs of our customers. Through relentless pursuit of excellence and integrity, we strive to set new benchmarks in the limestone industry and contribute to the success of our partners and clients worldwide.



Product Offerings

Quick Lime (CaO):

Our Quick Lime is produced from top-grade limestone, ensuring high calcium oxide content and minimal impurities. This guarantees optimal reactivity and effectiveness in all uses.



- Available in lumps shape
- High reactivity and purity
- Widely used in the fertilizers, iron & steel, sugar, and chemical industries

Hydrated Lime:

Hydrated lime, also known as calcium hydroxide (Ca(OH)_2), is used in the food industry, Chemical Industry Rubber & Paper Industry As well for various applications due to its alkaline properties.



- Fine white powder
- Essential in construction, water treatment, and chemical synthesis

De-Hydrated Lime:

Unslaked lime, also known as quicklime or calcium oxide (CaO), is a highly reactive material used in various industrial applications



- Superior quality with various finishes: natural, honed, polished
- Available in varied thickness and dimensions to meet specific decorative demands

Key Applications

Quick Lime & Lime Powder

Construction Industry: Cement production, mortar, and plaster enhancement

Quick Lime (Calcium Oxide, CaO) is a critical component in the cement industry, playing a pivotal role in various stages of cement production and enhancing the quality of the final product. Its Used In Various Stages.

Clinker Production

Kiln Operation

Chemical Composition Adjustment

Strength and Durability



- **Iron & Steel Industry:** Blast furnace flux, steel refining

Quick Lime (Calcium Oxide, CaO) plays a vital role in the iron and steel industry, where it is used extensively in various stages of the steelmaking process. Its properties make it indispensable for ensuring the quality and efficiency of steel production. Here are the key uses of Quick Lime in the iron and steel industry

Fluxing agent

Sulfur Removal

Impurity Removal

Energy Efficiency



- **Chemical Industry:** Calcium carbide production, Synthesis of calcium compounds

Quick Lime (Calcium Oxide, CaO) is a versatile chemical compound widely used in the chemical industry for various processes and product formulations. Here are the key uses of Quick Lime in the chemical industry:

pH Regulation

Organic & Inorganic Synthesis

Calcium Carbide

Flue Gas Desulfurization

Calcium Chloride

Waste Treatment

Calcium Silicate

Oil and Gas Industry



- **Environmental Applications:** Flue gas desulfurization, water treatment

Quick Lime is used to remove sulfur dioxide (SO₂) from flue gases in power plants and industrial facilities. It reacts with SO₂ to form calcium sulfite or calcium sulfate, which can be removed as solid waste



- **Agriculture & fertilizer** : Soil amendment, animal feed additive

Quick Lime (Calcium Oxide, CaO) plays a significant role in the Agriculture and fertilizers industry, where it is used to enhance the quality and efficacy of various fertilizer products. Here are the key uses of Quick Lime in the fertilizers industry:

Soil pH Adjustment

Pest and Disease

Improving Fertilizer Efficiency

Control Organic Farming

Calcium Supply

Waste Treatment in Fertilizer

Manufacture of Compound Fertilizers

Soil Sterilization



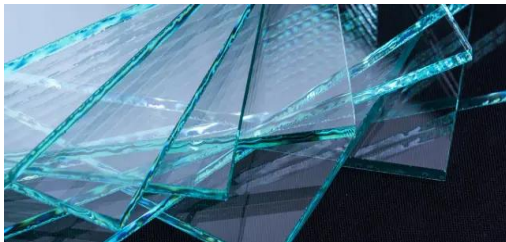
- **Paper Industry**: Pulping process aid

In the Kraft pulping process, Quick Lime is used to regenerate caustic soda from sodium carbonate, which is crucial for the digestion of wood chips into pulp



- **Glass & Ceramic Manufacturing:** Fluxing agent

Quick Lime is used as a fluxing agent in glass manufacturing. It lowers the melting point of silica, facilitating the formation of glass and improving its chemical durability. In ceramics production, Quick Lime acts as a stabilizer and flux, enhancing the strength and durability of ceramic products



- **Water Treatment:** pH adjustment, impurity removal

Used to adjust pH levels and remove impurities from water and wastewater, ensuring safe and clean water supplies.



- **Plastic Industry:** Cost of Production will be minimize

Quicklime, or calcium oxide (CaO), is a versatile chemical with numerous industrial applications, including the plastic industry.

Filler and Reinforcing Agent

Desiccant and Moisture Absorbent

Cost Reduction

pH Regulation



- **Paint Industry:** Flue gas desulfurization

Quicklime, or calcium oxide (CaO), is also highly valuable in the paint industry due to its unique chemical properties. Here are some key applications and uses of quicklime in the paint industry.

pH Adjustment and Stabilization

Desiccant and Moisture Control

Filler and Extender

Surface Preparation



- **Food Industry:** Sugar refining, food processing

Quicklime, or calcium oxide (CaO), is utilized in the food industry for various applications due to its alkaline properties and reactivity.

Food Preservation

pH Control and Neutralization

Calcium Enrichment



Quality Assurance

Ensuring the highest standards of quality is at the core of our operations. Our quality assurance process includes:



- **Raw Material Selection:** Sourcing high-quality limestone
- **Production Process Control:** Optimized calcination and hydration processes
- **Chemical Composition Analysis:** Regular testing for purity and impurity levels
- **Physical Properties Testing:** Particle size and reactivity tests
- **Environmental and Safety Compliance:** Adhering to regulatory standards and sustainable practices
- **Packaging and Storage:** Proper protection from moisture and contamination
- **Quality Control Documentation:** Providing detailed reports and certifications

Our Team

- **Mr. Barkaat Ahmed – Chairperson:** Strategic leader with decades of industry experience
- **Production Team:** Skilled technicians and engineers ensuring efficient production
- **Quality Assurance Team:** Chemists and specialists maintaining product standards
- **Sales and Marketing Team:** Professionals expanding market reach and ensuring customer satisfaction
- **Logistics and Supply Chain Team:** Experts managing efficient distribution
- **Research and Development Team:** Innovators enhancing products and processes
- **Environmental and Safety Team:** Ensuring compliance and promoting sustainability
- **Customer Support Team:** Dedicated to excellent service and support

Our Major Clients



Contact Us

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At Khurshid Ahmed & Sons, we are proud of our heritage and committed to maintaining our reputation as a leading provider of high-quality lime products. Our dedication to innovation, quality, and customer satisfaction drives us forward, ensuring our continued success and growth in the global market.