



Ghani ChemWorld Limited

Chemistry in action

CORPORATE BRIEFING

November 19, 2025

FY 2025

FAITH | EXPERIENCE | INNOVATION | GROWTH



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





Ghani ChemWorld Limited

Chemistry in action

About the Company

- First of its kind large-scale import-substitute Manufacturing Project in Pakistan.
- Products will reduce Import Reliance.
- It will open doors for the country to earn foreign exchange.
- The project is eligible for a 10-year income tax exemption.
- During April 2025, the entire business and undertaking of the Calcium Carbide Project were transferred from Ghani Chemical Industries Limited (GCIL) as a result of the Demerger/Merger Scheme sanctioned by the LHC, through the allotment of ordinary shares of GCWL to the shareholders of GCIL.
- Manufacturing Standards Certifications:
 - ISO 9001:2015
 - ISO 14001:2015
 - ISO 45001:2018





Ghani ChemWorld Limited

Chemistry in action

Product Range

Main Products (Phase 1)



Calcium Carbide



Calcium Carbonate
Precipitated



Calcium Oxide

Derivatives (Phase 2)



Carbon
Black



Acetylene
Gas



Hydrogen
Gas



Magnesium
Oxide





Calcium Carbide

Nature of Product	Calcium Carbide (CaC_2): An Import substitute product. Group is engaged in the trading business of this product from more than 15 years.
Production Capacity	25,000 Ton/annum.
Market Share (Local)	The project will allow us to increase our market share up to 90% . As imports substitute, it will meet the national demand In-Shaa-Allah.
Market Share (Export)	Planning to export to Gulf Countries like the UAE, Saudi Arabia & Bahrain. Also simultaneously exploring African markets.
Current Status	Commissioning initiated; Trial production expected to commence within next few weeks.
Application	Manufacture of acetylene gas for welding purposes; manufacture of chemicals for fertilizer; applications and in steelmaking.





Ghani ChemWorld Limited

Chemistry in action

Precipitated Calcium Carbonate (PCC)

Precipitated Calcium Carbonate (PCC, chemical name CaCO_3) is a synthetic form of calcium carbonate produced by chemical precipitation, widely used as a filler, coating, and performance enhancer in industries such as paper, plastics, paints, and pharmaceuticals. Its controlled particle size, purity, and morphology make it superior to natural ground calcium carbonate (GCC) in many applications.

Paper Industry

- Acts as a filler and coating pigment.
- Improves brightness, opacity, smoothness, and printability.
- Reduces production costs by replacing more expensive pulp.

Plastics & Rubber

- Enhances stiffness, impact resistance, and dimensional stability.
- Used in PVC, polypropylene, and rubber compounds.

Paints & Coatings

- Provides whiteness, gloss, and improved dispersion.
- Reduces TiO_2 consumption, lowering costs.

Food & Pharmaceuticals

- Serves as a calcium supplement and antacid.
- Used as a stabilizer in food products.

Cosmetics & Personal Care

- Acts as a mild abrasive in toothpaste.
- Functions as a filler in powders and creams.

Ceramics & Construction

- Improves mechanical strength and surface finish.
- Used in adhesives, sealants, and cement formulations





Ghani ChemWorld Limited

Chemistry in action

Calcium Oxide (CaO)

Calcium Oxide, commonly called quicklime, is a white, caustic, alkaline crystalline solid.

Chemical formula: CaO

Produced by thermal decomposition (calcination) of limestone (CaCO_3) in kilns at $\sim 900\text{--}1,000^\circ\text{C}$.

Applications

- Paper and pulp industry (alkaline processes).
- Sugar refining (purification).
- Leather tanning and other niche industrial processes.





Ghani ChemWorld Limited

Chemistry in action

Financial Highlights

Income Statement

	FY 2025
Sales	0
Cost of Goods Sold	0
Gross Profit	0
Selling, Admin & Distribution Expense	-12,919,128
Other Income	2,346
Operating Loss	-12,916,782
Share of profit from associated company	88,304,445
Profit/(Loss) before taxation	75,387,663
Taxation	0
Profit/(Loss) after taxation	75,387,663
Earning per share	1.45

Balance Sheet

	FY 2025
Assets	
Non-current Assets	3,878,043,600
Current Assets	805,456,735
Total Assets	4,683,500,335
Liabilities and Shareholders' Equity	
Non-current liabilities	750,000,000
Current liabilities	412,933,647
Total Liabilities	1,162,933,647
Shareholders' Equity	3,520,566,688
Total Liabilities & Shareholder's Equity	4,683,500,335
No. of shares	250,143,950





Key Revenue Drivers

Calcium Carbide (CaC_2)

- Key revenue drivers in Pakistan include demand from acetylene gas production, metallurgy (steel and iron), chemical synthesis, and exports to neighboring countries like Afghanistan.
- Growth is supported by infrastructure development, industrial expansion, and rising demand for welding and cutting applications.

Precipitated Calcium Carbonate (CaCO_3)

- Key revenue drivers in Pakistan include demand from paper, plastics, paints, pharmaceuticals, and construction sectors.
- Growth is fueled by industrial expansion, packaging needs, and rising demand for high-purity fillers and coatings.

Lime (CaO)

- Key revenue drivers in Pakistan include demand from construction, agriculture, metallurgy, water treatment, and environmental applications.
- Growth is supported by infrastructure development, industrial expansion, and regulatory pressure for cleaner processes.





Ghani ChemWorld Limited

Chemistry in action

Segment Analysis

Products

- Calcium Carbide (CaC_2)
- Lime (CaO)
- Precipitated Calcium Carbonate (CaCO_3)

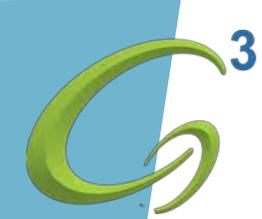
Domestic Market

The domestic markets for calcium carbide, precipitated calcium carbonate (PCC), and lime (CaO) are growing steadily, driven by demand from construction, manufacturing, agriculture, and chemical industries. Each product serves distinct sectors, with opportunities for import substitution and regional exports. Growing steadily, driven by automotive and industrial sectors, but challenged by raw material dependency and regulatory compliance.

Export Market

Export market for calcium carbide, precipitated calcium carbonate (PCC), and lime (CaO) is being explored. Afghanistan, Central Asia and the Middle East are the key destinations for potential exports from the plant.





Ghani ChemWorld Limited

Chemistry in action

Key Business Risks and Mitigation

Calcium Carbide (CaC_2)

- **Risk:** An essential product for steelmaking, welding, and chemical industries, faces operational risks like Energy-intensive production, regulatory challenges, and market volatility
- **Mitigation:** Strict safety protocols, modernized production, environmental compliance, and diversification of demand across steel, welding, and chemical industries minimize above mentioned risks.

Precipitated Calcium Carbonate (CaCO_3)

- **Risks:** Include energy volatility, raw material quality, environmental regulations, and market dependency. Product quality is also critical for its success having demand in paper, plastics, paints, and rubber industries.
- **Mitigation** :include energy diversification, limestone quality control, environmental compliance, and market expansion into high-value sectors.

Lime (CaO)

- **Risk** Production requires high-temperature kilns, typically powered by coal or gas. Lime is produced from limestone, which varies in purity across Pakistan's quarries. Demand is concentrated in construction, agriculture, and metallurgy. Economic downturns or seasonal fluctuations can reduce lime consumption, especially in rural and infrastructure projects.
- **Mitigation** : GCWL's kiln is energy efficient, so power risk is addressed to some extent. Strategies include environmental compliance, secure high-purity limestone sources, and diversifying across markets can mitigate regulatory, operational, and market risks.





Future Prospects

- **Company Background:** Ghani Chemical Industries Limited has been engaged in the chemical market for over 15 years.
- **Calcium Carbide Project at HSEZ:** First-of-its-kind, import-substitute project established at Hattar Special Economic Zone. Commissioning is in progress under the guidance of Chinese & European experts.
- **Technology & Standards:** Built with modern technological standards. Designed to serve both domestic and export markets.
- **Industrial Importance:** Calcium Carbide and related products are key inputs for various industrial processes and will play a vital role in the growth of Pakistan's economy.
- **Timeline:** Commercial operations expected to commence within next few weeks.





Ghani ChemWorld Limited

Chemistry in action



Question & Answers





Ghani ChemWorld Limited

Chemistry in action

جز العقل ا

بجوراً

