

Why TECHCEM ?

- One Source of all engineering needs
- Efficient, Effective and Economic engineering solutions
- Process Know-How of Cement and Mineral Industries
- Familiarity with technology from world class OEMs
- Engineering Data Bank
- Support from Plant Concept up to Plant Commissioning
- On site technical support
- Troubleshooting

Our CLIENTS

Domestic

- JSW Cement Ltd.
- Nuvoco Vistas Corp. (Formerly Lafarge India)
- Emami Cement Ltd.
- Maihar / Century Cement
- Piramal Capital
- Shree Keshav Cement
- Purabanchal Cement Ltd.
- Yara Nox Care / Talec Engineers
- Chandrapur Works
- ERC Chemtrols / Chemtrols Samil
- AMCL Machienery
- Con-Weigh System

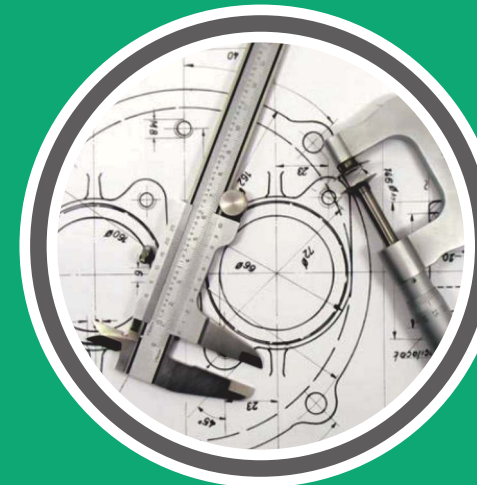
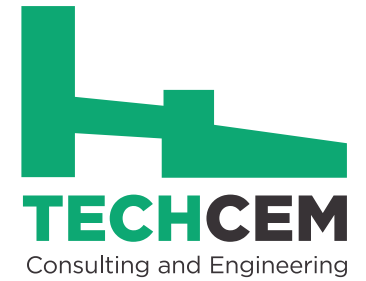
Overseas

- Udayapur Cement Industries
- JSW FZE
- Ambe Cement
- Agni Cement
- Nepal Ambuja Cement
- Balaji Cement Industries
- Tejaswi Cement Industries
- Shayona Cement Industries
- Shree Cement Industries
- Hetauda Cement
- Eastern UAE Group (UAE)
- Ayoki Contracting LLC
(Sharjah Cement, Gulf Cement)
- IMS Cement Industries Pvt. Ltd.



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Solutions for Industry . . .

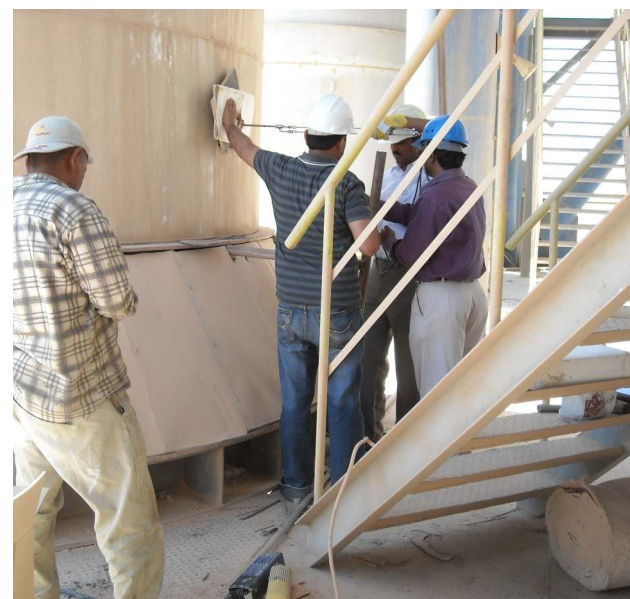
TECHCEM is the growing engineering consultancy firm providing comprehensive engineering solutions with wide range of services for Cement, Power & Mineral processing industries. By the confidence & experience gained by its staff, **TECHCEM** has capability to serve higher production capacity plants. **TECHCEM** has a vibrant team of engineers who as experts analyze and provide optimized solutions for the plant systems.

Prime Services :

- Consulting Services - Technical Feasibility Studies, Detailed Project Reports
- Conceptual / Basic Engineering
- Design Engineering - Process, Mechanical, E&I, Civil & Structural
- Procurement Assistance
- Project Management / Project Monitoring
- Plant Technical Audit / Technical Due Diligence
- Field Engineering Services - Site supervision and Commissioning Assistance
- Plant Optimization (Production Maximization and Energy Consumption Minimization)
- Plant Operation / Maintenance Services
- Any other special services

Process Engineering

- Process Auditing and Capacity Upgrades
- Process Design & Equipment Sizing
- Plant Commissioning
- Raw Mix Design
- Mass Flow Diagrams
- Process Optimization of Existing plants
- Troubleshooting
- PIDs



Mechanical Engineering

- System Design and Equipment Integration
- Design Calculation and Equipment Sizing
- Plant Layout and Flow Sheets
- General Arrangement Drawings
- Fabrication Drawings
- Procurement Assistance e.g. Tender Preparation, Offer Evaluation, Comparative Statement etc.
- Contract Assistance e.g. Contract Documentation
- Bill of Quantities and CAPEX estimation



Civil & Structural Engineering

- Civil and Structural Analysis and Design
- STAAD modeling
- Civil arrangement drawings
- Structural Arrangement Drawings
- Shop Floor Fabrication Drawings
- Civil and Structural BOQ calculation
- Evaluation and Review of Geo-Technical Reports
- Bar Bending Schedule



Electrical and Instrumentation

- Power Distribution System
- Instrumentation and Control
- Single Line Diagrams
- Programmable Logic Control
- Transformers
- Switchyard
- Short Circuit Analysis
- Start Stop Sequences and P&IDs

