

CIMENTEC Ltd

Consulting Engineers

We are a multidiscipline consulting engineering group offering a complete range of application solutions to the cement, lime, gypsum, aggregates, quarry and related industries.

Our value engineering and services rely on many years of hands on experience with the design and operation of these manufacturing processes and practices. We have participated in the design and commissioning of numerous projects in North and South America over the years.

We are familiar with the available technologies of most OEMs in the market today. Over time we have developed a keen ability to select and apply solutions that will draw the largest benefit for our clients; quality of design, energy efficient operation, operator friendly, on schedule & budget, are attributes of the type of solutions we are offering our clients.

Process Considerations

- ❖ Grinding, blending, transport and storage circuits
- ❖ Pyro and clinker circuits
- ❖ AFR (coal, pet-coke, liquids, solids, etc)
- ❖ Environmental control (water, SNCR, NO_x, Lime)

Engineering Solutions

- ❖ Feasibility studies and cost estimates
- ❖ Basic and detail engineering (Civil, electrical & mechanical)
- ❖ Equipment procurement specifications, evaluations and recommendations
- ❖ Equipment layout optimization
- ❖ State of the art automation and power distribution solutions
- ❖ Drive application solutions
- ❖ Energy audit and energy balance studies
- ❖ Tender documentation
- ❖ Commissioning & Operator Training

Benefits of our Engineering Solutions

- ❖ Flexible approach multidiscipline organization
- ❖ Single source design responsibility
- ❖ Familiarity with most OEM equipment
- ❖ Operator friendly solutions

One team- offering a multitude of solutions from the best known practices in the industry.

Recently completed projects



Cement storage silos dedusting



Slag grinding facility



800,000ACMH/RM pulse jet BH to replace EP



Ammonia storage tank farm 40,000lt



Ammonia pump skids



Ammonia tank farm 130,000 lt



New kiln drive retrofit 2x300 hp, long dry kiln



Kiln precipitator fan upgrade with new duct.



15MVA -138kV/5kV substation



2x300hp fully redundant kiln drive VFD, 480V



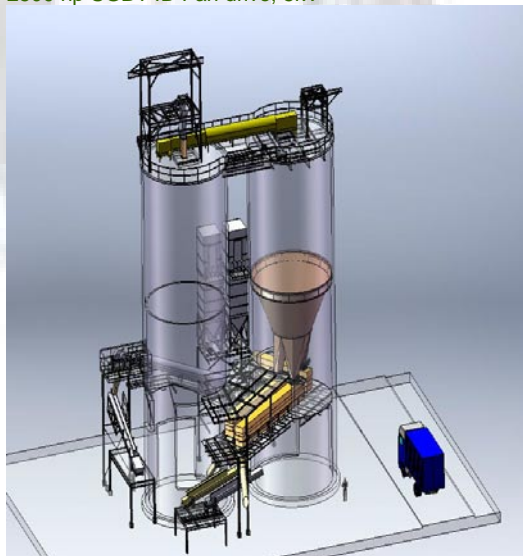
2500 hp SGBT ID Fan drive, 5kV



Solid AFR storage and handling 150Mt



Gas conditioning tower upgrade & new P/H duct



Petcoke /Coal storage and blending 2000Mt

Our staff is fully trained and up to date with OSHA & MSHA safety training requirements. The company carries up to date professional and general liability insurance.



**Professional Engineers
Ontario**

IEEE, ASME, CSA, Contact us at:

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