

Recently completed projects



Replacement Separator O-Sepa N2000



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



New kiln drive retrofit 2x300 hp, long dry kiln



Replacement kiln ID Fan, new duct, motor and VFD



Ammonia storage tank farm 40,000lt



2x300hp fully redundant kiln drive VFD, 480V



Slag grinding facility 2x10000 MT



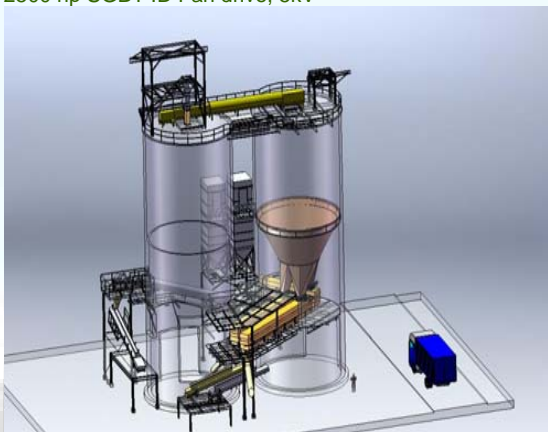
Ammonia pump skids



Gas conditioning tower upgrade & new P/H duct



2500 hp SGBT ID Fan drive, 5kV



Petcoke /Coal storage and blending 2000Mt



5000hp Synch motor with Fluid Coupling, P/H ID fan

One team, with many possible solutions from the best known practices in the industry.



15MVA -138kV/5kV substation



Solid AFR storage and handling 150Mt

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.



IEEE, ASME, CSA, Contact us at:



3370 South Service Road, Suite 103,
Burlington, Ontario L7N3M6, CANADA
Tel: (905)336-2786, Toll Free 1-877-336-2686
www.cimentec.com



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

We rely on our hands on experience with the design and operating practices in the industry to add value to any new or retrofit project large or small. We have participated over the years in the design and commissioning of numerous projects in North and South America.

We further enhance the value of our participation in the project relying also on our familiarity with domestic and foreign OEM equipment, which in turn draws 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 (SNCR- NO_x)
- ❖ Modeling (CFD, DM)

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
- ❖ Power systems studies, Torsional Analysis

Benefits of our Engineering Solutions

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