

130 TPH Slag Grinding Plant

Client

CBMEC (Middle East) Contracting L.L.C, Green Cement Factory LLC

Scope of Work

Conceptual Design
Preliminary Design
Schematic Design
Design Development
Tender Documents
Architect of Record
Construction Supervision

Location

Dubai Industrial Park, Dubai, UAE

Types of Activities

Architectural
Civil works
Electrical
Mechanical
Plumbing
Structural

Located in Dubai Industrial Park, on a land plot area of 43,210 m² and with a built-up area of 7,700 m², the Cement Grinding Plant produces approximately 1,000,000 tons per year of ground-granulated blast-furnace slag (GGBS) required for cement/concrete production.

The plant comprises a grinding mill, 4 cement silos, 1 clinker silo, packing plant, and an additive hopper, as well as the following buildings:

- Limestone storage and gypsum storage: with a built-up area 560 m²; an administration building with a built-up area 541 m².

- Central control room: with a built-up area 188 m².
- Warehouse: with a built-up area 382 m².
- Workers facility and workshop: with a built-up area 423 m².
- Ancillary building: including a compressor room.
- Service building: including shaded parking, diesel tank, RMU room, MV room, and transformer rooms.

