

SAO LUIS cement grinding plant

Cimar - Cimentos de Maranhão Ltda - Brazil



80 tph slag cement grinding plant

CIMAR, a Joint-Venture company between Queiroz Galvao & Cornelio Brennand groups, has awarded Fives FCB with a contract for the supply of a new slag cement grinding plant located in Sao Luis, state of Maranhão, Brazil.

Scope of work

- Basic engineering
 - Installation
 - Mechanical
 - Electrical & automation
- CIF delivery of mechanical and electrical process equipment
- Erection and commissioning supervision



Technical features

Contract date		May 2012
1 st cement production date		November 2014
Type of cement		CP II-E with 30% slag
Raw materials		Clinker, gypsum, slag, limestone
Fineness		3800 Blaine
Cement grinding	80 tph	1 FCB B-mill - 2 compartments with drying chamber - 3,400 kW 1 FCB TSV™ Classifier 3200 HF type - 75 kW Belt bucket elevator - 200 / 300 tph - 45 kW 1 Sonair™ filter - 2,000 sqm Main fan - 125 000 / 140 000 m³/h - 350 kW



41.5 kWh/t | Electrical consumption (ball mill & process fans motors)