

Grootegeluk Out Plant and In Plant



Scope of Work

Design, Procurement, Factory Testing, Supply, Delivery, Installation and Commissioning Of Low Voltage Electrical Equipment and Instrumentation



Location	Lephalale
Client	Exxaro Coal
Project Type	Low Voltage Electrical and Instrumentation Supply and Installation
Value	R 450 Million
Duration	3 Years
Completion Date	June 2015



Project Overall Description

Situated 20 km from Lephalale in South Africa's Limpopo province, this open-pit mine employs 3200 people and produces 26Mtpa final coal products, using a conventional truck and shovel operation. This mine has an estimated minable coal reserve of 3 261Mt and a total measured coal resource of 4 719Mt, from which semi-soft coking coal, thermal coal and metallurgical coal can be produced. Grootegeluk has the world's largest beneficiation complex where 8000 tonnes per hour of run-of-mine coal is upgraded in 10 different plants. Some 22Mt of annual production is power station coal, transported directly to Eskom's Matimba and Medupi power stations on a 7 km conveyor belt in terms of the existing supply contract. An additional 1,5Mtpa of metallurgical coal is sold domestically to the metals and other industries on short-term contracts. Grootegeluk produces 2,5Mtpa of semi-soft coking coal, the bulk of which is railed directly to Mittal SA under a long-term supply agreement. Approximately 1Mtpa of semi-soft coking coal and thermal coal is exported through Richards Bay Coal Terminal or sold domestically.