

Wagner Silos and Vertical Roller Mill Expansion Project

Client: Wagner Cement
Location: Brisbane
Duration: January – June 2014

DESCRIPTION

Electrix has been awarded the design, integration and programming of the PLC and SCADA system for the new Vertical Roller Mill and Silo Expansion Project at Bulwer Island, Brisbane. The new installation will further improve the energy efficiency and carbon emissions of the Company's cement manufacturing facilities.

SCOPE

The scope of work entails:-

- Developing SCADA system for Mill 1 outfeed;
- Developing SCADA system to replicate Blending System and plant wide control;
- Developing 200 recipe system for the 11 blend silos;
- Modifying PLC program to interface with GTick Systems;
- Developing new programs and interface for new GTick Systems;
- Developing new PLC program for Silo System in-feed and out-feed;
- Developing raw materials queuing for day bins;
- UBE Equipment signal and alarm status reporting;
- Updating data historian project;
- Integrating HV protection relays PLC systems;
- Factory acceptance and site acceptance testing.



VALUE TO CLIENT

The award of this contract is a continuation of the strong relationship Electrix has developed with Wagner Cement during the successful completion of a number of earlier projects.

The extensive understanding by Electrix of Wagner's operating requirements and production processes has been a key element of that success.

The award of this project will ensure that the PLC and SCADA systems will effectively interface with the electrical design and construct contract works separately undertaken by Electrix.