

PROJECT PROFILE

<i>Name:</i>	ROLLESTON COAL HANDLING FACILITY
<i>Owner:</i>	Xstrata
<i>Client:</i>	Monadelphous Engineering
<i>Project Description:</i>	Electrical installation to new coal handling facility.
<i>Site Location:</i>	Rolleston, Central, QLD
<i>Year Completed:</i>	2005

The new open cut thermal coal mine at Rolleston in Queensland consists of crushing, sizing and stockpiling equipment along with a rail load out facility. The project involved the greenfield design and construction of the coal handling facility and the rail load out facility.



The coal handling facility was designed to transfer raw coal from the ROM through three crushing techniques then onto the stockpile conveyor. It is then stockpiled by a movable yard machine and transferred through vibrating valves onto a train loading conveyor

The operation is fully automated and able to be run by two personnel at one time.



The scope of work carried out by O'Donnell Griffin includes:

- Switchroom and control room installation
- Cable ladders and cable tray
- Underground conduits
- Power and control cabling
- Instrumentation
- Fibre optic cable network
- Telephone cable network
- PLC/SCADA control system
- Closed circuit television and camera network
- General lighting and power
- Earthing system
- Commissioning



<i>Key Project Personnel:</i>	Steve Jago Project Manager	Kevin McGinity Project Supervisor	Mark Withers Project Supervisor
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