



Eastern Ridge Industrial Facilities Expansion

PROJECT DETAILS

Centrals along with Engineering and Design partner Engenium, were engaged by BHP to expand the current Ore Body (OB) 24 Administration and the OB24 and OB25 Non Process Infrastructure facilities due to the combining of the Eastern Ridge Ore Bodies.

Works included all necessary design, civil works, concrete, building installation, structural and mechanical works plus the supply and installation of all services to enable full operation of the facilities.

Scope breakdown included disciplines of the following:

- Preliminaries
- Supplementary Documentation
- Civil Works
- Reticulation of sewer and water
- Concrete Works
- Building installation
- Supply and installation of Sub floor ventilation - all buildings (BCA section J)
- Structural and Mechanical
- Electrical
- Communications
- Fire Detection
- Commissioning and post construction deliverables

Works were carried out several facility areas such as:

- OB24 ADMIN BUILDING 1
- OB24 ADMIN BUILDING 2
- OB24 TRAINING ROOMS
- OB24 SIMULATOR BUILDINGS
- OB24 FIXED PLANT OFFICES, CRIB AND LOCKOUT FACILITY
- OB24 MEM CRIB ROOMS
- OB24 ADMIN AREA ABLUTION BUILDING
- OB25 OHP CRIB & VC ROOM
- OB24 MEM WORKSHOP ABLUTION BUILDING
- OB24 CONCRETE PATHWAYS
- OB24 CONCRETE WALK WAYS
- OB24 COVERED WALK WAYS
- OB24 OHP BOILY BAY BUILDING EXT.
- OB24 TYRE BAY DRIVE IN SUMP AND DRYING SLAB
- OB24 GATE HOUSE RAMP AND DRINKING FOUNTAIN
- OB24 GUARDRAIL
- OB24 CMM DOME AND EASTERN RIDGE UPGRADE WORKS
- OB24 SHOWER BUILDING REFIT

This project required a high level of organisational skills and priority scheduling due to the various work areas.

Client: BHP Billiton Iron Ore

Location: Newman, WA

Duration: 15 weeks

Completion: October 2014

Value: \$5M



PROJECT HIGHLIGHTS

Personnel on Site: 17

Manhours: 11,488