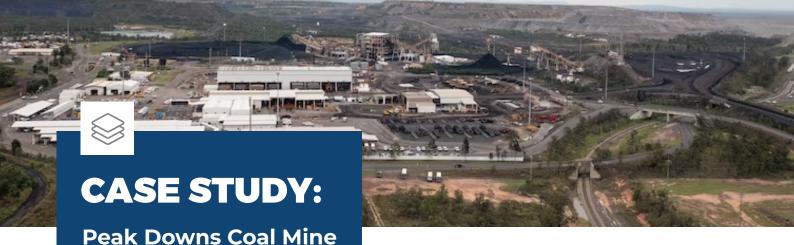


INDUSTRIAL CONTROL SWITCHBOARDS





# Location

**Plant** 

Winchester, QLD

### **Description**

Motor Control Centre for a sewage treatment plant at Peak Downs Open Cut Coal Mine. This was part of a \$2 Billion continuation project to upgrade existing infrastructure and also construction of new infrastructure

**Sewage Treatment** 

#### **Features**

**B&R Enclosure** Cisco Catalyst IE330 8P2S, Littlefuse Earth Leakage Relay 230VAC relays Schneider Altivar VSD's Schneider M340 PLC

#### Scope

Design, construction, PLC & SCADA programming, onsite commissioning

## **Design Specifications:**

- IP54
- Indoor installation
- Rated Operating Voltage (Ue): 600VAC
- Current Rating (In): 75A
- Operating Frequency (Fn): 50Hz
- Rated Insulation Voltage (Ui): 0.6/1kV
- Prospective Short Circuit (Icp): 10kA
- Board Short Circuit Rating: 25kA
- Earthing System: TN-S
- Form Rating: Form 3b
- Design Temp: 0-35°C

## **Enclosure Specifications:**

- External material: 2.0mm Mild Steel
- Mounting Panel Material: 2.0mm Mild Steel
- Powdercoated Colour: X15 Orange
- · Escutcheon Colour: Gloss White
- Door Locks: 7mm Sq Key compression door lock
- · Cable Entry: Top
- Gland Plate Material: 5mm Brass

#### Plinth:

100mm Gal Dip

