MineGlow illuminates new mine rescue facility

REGION	INDUSTRY	SOLUTION	METRES SOLD
QLD Australia	Mining	Standard-Range	400m

Background

Queensland Mines Rescue Service (QMRS) has been supporting the mining industry by training rescue personnel to save lives and provide the necessary equipment and back up for rescue activities since 1909.

QMRS Boonal is a new training facility which has been developed for 21st century rescue challenges. The facility includes a simulated mine which replicates an underground mine environment. A requirement for QMRS was to illuminate the facility like a typical underground mine.

MineGlow was contracted to supply 400 metres of the x-Glo LED strip lights to illuminate the headings and cut throughs, a hot humid room, longwall room, fire tunnel, ventilation path and conveyor crossing.

Requirements

- Low voltage
- Full power redundancy
- High, continuous illumination
- Easy to install
- Low maintenance
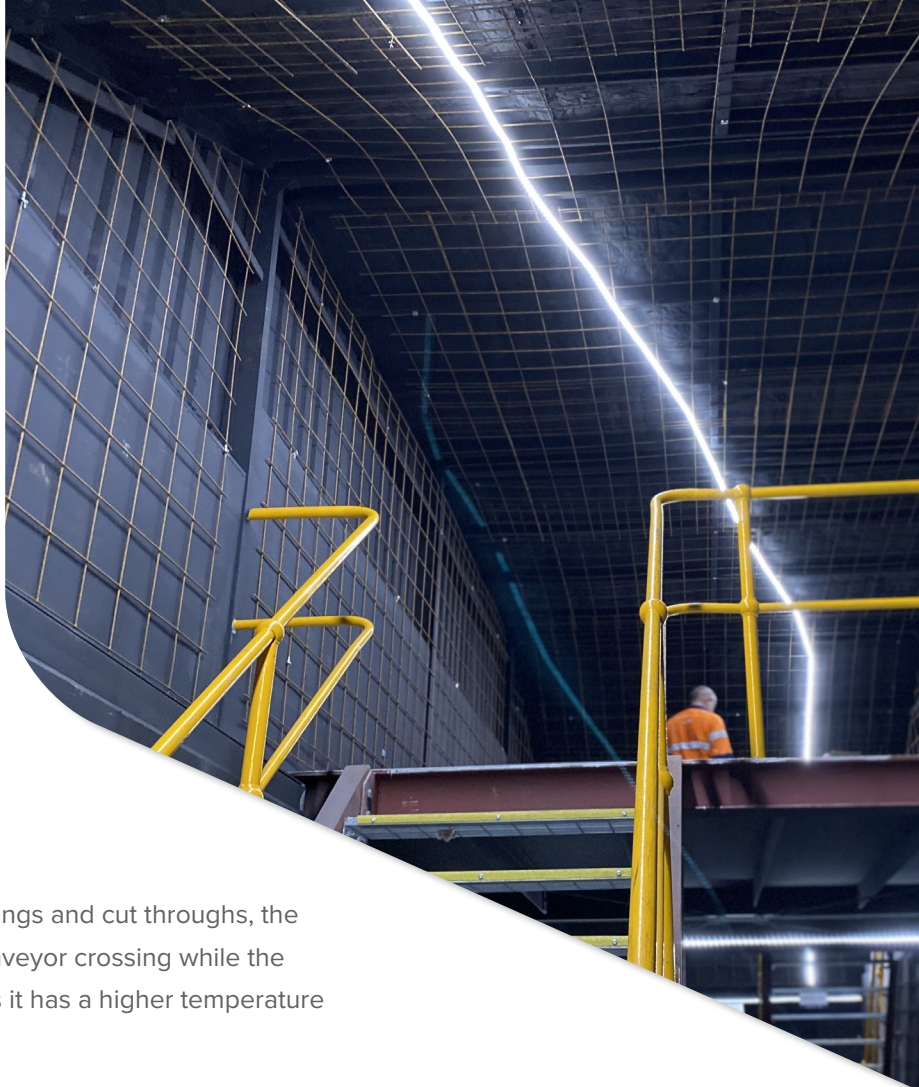- Durable lighting

Solution

MineGlow supplied over 400 metres of its standard range LED strips. The Standard Range is available in run lengths from 42m to 90 metres per power source with varying LEDs per metre to ensure the optimum level and distribution of light required and environmental factors for each room.

The PVC range was installed throughout the headings and cut throughs, the longwall room, fire tunnel, ventilation path and conveyor crossing while the silicon range was utilised in the hot humid room as it has a higher temperature range (55 degrees) than the PVC product.
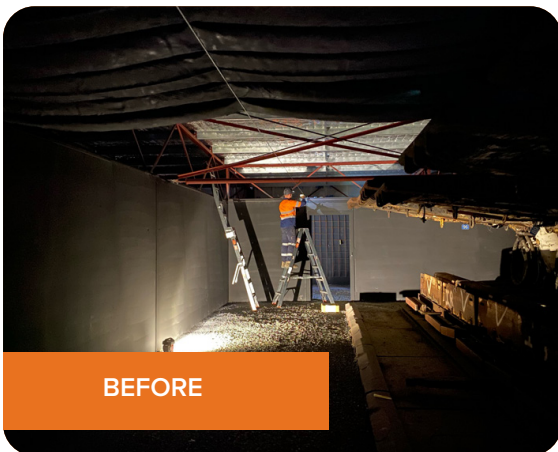
The range is easy to install and can be quickly installed on any surface using zip ties or MineGlow's custom stainless-steel clips.
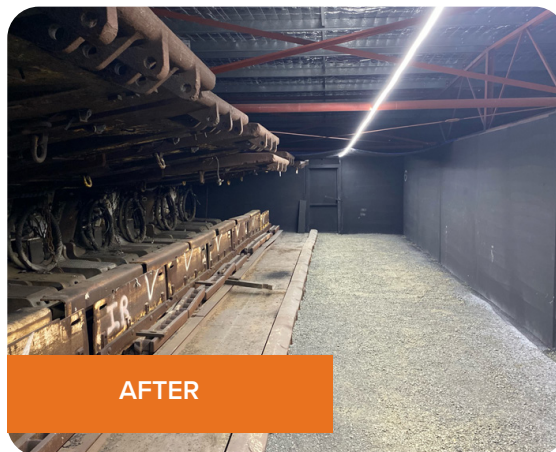
Outcome

Following the successful installation at the Boonal training facility, MineGlow's LED strip lights will also be used at the new Moranbah mine rescue training facility.

Check out the installation process of the QMRS project

BEFORE

AFTER

LED lighting installation in long wall room

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