

# TUNNELLING ENVIRONMENTAL MONITORING AND CONTROL

Ampcontrol's environmental monitoring, control and alarming system provides a safe and reliable emergency shutdown solution for hazardous and non-hazardous environments.

Our range of environmental monitoring and control systems include gas detectors available for non-hazardous applications as well as hazardous environments utilising various explosion protection techniques.

Our highly reliable iQguard range is specifically designed for use in underground and hazardous industry environments and are widely used throughout the world.

The iQguard range of fixed gas detectors and systems are designed to detect the presence of toxic gas in the surrounding air. Such gases may be harmful and subject to maximum allowable occupational exposure levels. The iQguard detectors provide industry standard output signals that can interface with building monitoring or plant control systems. These systems can drive equipment such as ventilation fans and warning alarms reducing the probability of potentially harmful situations.

The range of systems includes:

- CH4, NO, O2, CO sensors
- Self contained single, four channel and twelve channel system controllers
- Multi-channel (expandable) system controllers available in rack mounted or stand alone applications
- Single cable, multi-sensor systems
- Fire/Gas/Emergency shut down (ESD) control and monitoring systems

## Features

- Easy to install and configure with network systems
- Robust construction
- Scalable in size and length of system depending on project requirements
- Remotely accessible

## Application

- Underground tunnelling and infrastructure
- Underground construction sites
- Enclosed car parks
- Industrial operations
- Defence operations



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