

# Controlling diesel particulate matter (DPM) in underground mines



**Emission controls**

- Low-emission systems
- Regular maintenance and servicing
- Emissions testing
- Computerised engine management software
- Particulate filtration
- Low-sulphur fuel
- Engine and gearbox match workload
- Appropriate driving habits
- Employee information and training



**Transmission controls**

- Ventilation with sufficient air flow, and appropriately designed and maintained
- Sufficient secondary ventilation
- Area monitoring
- Employee information and training



**Exposure controls**

- In-cabin filtration
- Personal protective (respiratory) equipment
- Personal exposure monitoring
- Employee information and training