

Department of Primary Industries

COAL MINE HEALTH AND SAFETY ACT 2002

Notice concerning conditions of use of non-explosion-protected portable electrical plant in hazardous zone

I, ROBERT REGAN, Chief Inspector, pursuant to clause 19 (1) (m) of the Coal Mine Health and Safety Regulation 2006 (the Regulation), by this notice, specify that the conditions under which non-explosion-protected portable electrical plant (the plant) may be used in a hazardous zone in the underground parts of any coal operation, are those specified in the Schedule below.

Dated this 10th day of January 2007.

ROBERT REGAN,
Chief Inspector

SCHEDULE

1. The manager of electrical engineering for the coal operation must have determined that there is no alternative explosion-protected portable plant.
2. The use of the plant in a hazardous zone is subject to appropriate risk assessment.
3. Before being taken underground at a coal operation:
 - 3.1 The plant must be verified by the manager of electrical engineering for the coal operation as being of a Gazetted type under clause 19(1)(c) of the Regulation.
 - 3.2 The plant must be inspected by a qualified electrical engineer or qualified electrical tradesperson, or people under the supervision of a qualified electrical engineer or qualified electrical tradesperson.
 - 3.3 A person competent in the use and care of the plant must be appointed by the manager of mining engineering for the coal operation to use the plant in a hazardous zone.
 - 3.4 Details of the plant, inspection results, the appointed person, the time taken underground and the place(s) the plant will be used, must be entered in a register kept at the coal operation.
4. Before being taken into a hazardous zone:
 - 4.1 The likelihood of a sudden inundation of gas must be assessed and if the risk is unacceptably high, the plant must not be taken into the hazardous zone.
 - 4.2 A gas clearance permit must be issued by a person competent in determining flammable gas concentrations. The gas clearance permit must verify that the maximum concentration of flammable gas is less than 0.5% in concentration by volume through all places the plant will pass or be used, and within all places that are accessible within 20 metres of those places.
5. Whilst in a hazardous zone:
 - 5.1 Batteries are not to be changed or charged.
 - 5.2 The plant must be under continuous supervision of the person appointed in accordance with condition 3.3.

- 5.3 The appointed person must be supervised by a supervisor nominated in the management structure for the coal operation.
- 5.4 The gas clearance certificate must be retained by the appointed person.
- 5.5 The plant must not be left unattended in a hazardous zone or whilst underground.
- 5.6 In the event of a reduction in the level of ventilation below a level determined as sufficient by the manager of mining engineering, the plant must be immediately taken to a place with sufficient ventilation.
- 5.7 In the event of a defect or damage to the plant being detected, the plant must be immediately taken to the surface.

6. After use in a hazardous zone:

- 6.1 The gas clearance certificate must be cancelled and returned to the surface with the plant and reviewed by the manager of electrical engineering or manager of mining engineering for the coal operation and stored in a secure place for a period of two years.
 - 6.2 The plant must be returned to the surface as soon as possible, or at the end of the working shift.
 - 6.3 On its return to the surface, the plant must be inspected by a qualified electrical engineer or qualified electrical trades person, or people under the supervision of a qualified electrical engineer or qualified electrical trades person and, if damage or defects are detected, its suitability for further use must be reviewed.
7. The plant must be used in accordance with any applicable code of practice.

COAL MINE HEALTH AND SAFETY ACT 2002

Notice concerning period of retention of certain electrical notifications

I, ROBERT REGAN, Chief Inspector, pursuant to clause 19 (1) (r) (v) of the Coal Mine Health and Safety Regulation 2006, by this notice specify the period for which the operator of a coal operation is to retain the notifications as the period specified in the Schedule below.

Dated this 10th day of January 2007.

ROBERT REGAN,
Chief Inspector

SCHEDULE

The notifications are to be retained until the particular electrical installation is permanently disconnected from the electricity supply and redundant plant (equipment and cables) is withdrawn or decommissioned to an extent that it cannot be re-energised or mistaken for operational plant.