

- develop and implement a system for fire prevention, fire control and general emergency procedures at the plant;
- develop and implement a defect management system to identify and deal with defects that may affect the safety of electrical and mechanical equipment at the plant.

### **Other obligations**

There is a range of other obligations imposed including designing, constructing, installing and operating equipment in accordance with Australian Standards and appointment of mining officials. Also, drugs and alcohol in a mine or declared plant are prohibited.

### ***COAL MINES (OPEN CUT) REGULATION 1999***

This regulation requires the mine manager of an open cut mine within six months after 1 September 1999 to develop and implement a number of systems including a system for the inspection of all places in the mine, a system to control the conduct of shot firing and the handling of explosives.

### ***COAL MINES (UNDERGROUND) REGULATION 1999***

This regulation imposes a number of requirements on various persons in respect of an underground mine including the following:

- A mine owner must develop and implement a management structure for the purpose of defining the duties and responsibilities of persons who control operations at the mine with the general object of that structure being to ensure the safety and health of persons at the mine.
- A mine manager must develop and implement a mine inspection system and must ensure that the persons required to perform duties as part of a mining inspection system are competent to carry out those duties and are given appropriate training.
- A mine manager must develop and implement:
  - a system to prevent any inrush into the mine workings of water or other fluid material or any material that flows when wet or flammable or noxious gases being an inrush that may put the mine or persons at the mine at risk; and, for the purpose of developing that system an inrush risk assessment must be undertaken;
  - a system for the provision and control of ventilation in the mine including appointing a mine ventilation officer;
  - a system to provide general emergency procedures for the undergrounds parts of the mine;
  - a gas monitoring system for the mine;
  - a system to regulate the use of portable electrical apparatus at the mine;
  - a system to control the conduct of shot firing and the handling of explosives; and
  - an explosion suppression system.