



NSW DEPARTMENT OF
PRIMARY INDUSTRIES



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agriculture, fisheries, forests and minerals in New South Wales

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Plant Registration for Coal Workplaces



Overview

- What is plant registration?
- Legislative requirements for a Coal Workplace
- **Design** registration
- **Item** registration
- Savings provisions
- Records of plant
- Further assistance



What is plant registration?

- The registering of either:
 - a **'plant design'** (analogous to 'type' approvals), or
 - an **'item of plant'**
- Typically for high risk plant where fatalities have occurred or may occur due to the use of the plant
- Normally with the regulatory authority having jurisdiction:
 - OHS general industry type plant with WorkCover
 - Coal mining type plant with DPI
- Integral part of National Standard for Plant NOHSC:1010



Legislative requirements for a Coal Workplace

- Chapter 5 'Plant' OH&S regulation 2001 applies – covers more than plant registration
- Plant registration as amended for a coal workplace:
 - Plant **designs** and **items** specified in the *OHS Regulation 2001* must be registered to WorkCover from the 1 July 2007
 - Plant **designs** and **items** as specified in the OHS regulation 2001 as amended by the *OH&S Amendment (Coal Workplace Regulation 2006)* must be registered to DPI
 - Reference to 'WorkCover' in *OH&S Regulation 2001* means '*Director General of the DPI*' for coal specific plant



Design registration process

- Competent person verifies and records in writing that the design complies with the relevant design standard or **DPI gazetted criteria** and the competent person does not have involvement in the design
- Statement by designer stating he has complied with the duties of a designer (OH&S regulation - Chapter 5)
- Provide drawings and other documents as requested by DPI or WorkCover, refer gazette notices and application forms
- DPI or WorkCover may:
 - Issue a plant design registration number, with or without conditions
 - Refuse to register a design
 - Cancel design registration
 - Design registration number to be kept with each item of plant
- Fees for WorkCover – Nil fee for DPI



Design registration to WorkCover

(Table to clause 107)

- Boilers & pressure vessels hazard level A, B, C or D, AS 4343
- Gas cylinders
- Tower cranes
- Gantry cranes > 5t
- Bridge cranes > 10t
- Gantry and bridge cranes to handle dangerous goods
- Mobile & bridge cranes >10t
- Boom type elevated work platforms
- Lifts & escalators
- Building and maintenance units
- Man hoists with platform movement > 2.4m
- Work boxes suspended from cranes
- Prefabricated scaffolding
- Mast climbing work platforms
- Vehicle hoists
- Amusement devices



Design registration to DPI for underground mines at a Coal Workplace

(Table to clause 107 as amended) - DPI to Gazette performance criteria

- Diesel engine systems
- Powered winding systems or lifts that provides access to underground workings
- Booster fans
- Braking systems on plant used in underground transport
- Canopies on continuous miners
- Portable or hand-held plant or items used to determine or monitor the presence of gases
- Breathing apparatus to assist escape
- Shotfiring apparatus
- Detonators
- Explosive powered tools
- Refuge chambers
- Conveyor belts (from 1 July 2007)



Alterations to design registered plant

- When design registered plant (including an individual item) is altered in such a way that constitutes a change in design, the design registration becomes invalid and a new design registration number must be issued for the plant before it can be used.
- The person altering the design must comply with the obligations placed on a designer under Chapter 5 of the OH&S regulation



Item registration process

- A person who has control of plant needs to provide:
 - Sufficient information to clearly identify the item of plant
 - Design registration number if applicable
 - A statement that the plant has been inspected by a competent person and is safe to operate
- Register item of plant with or without conditions
- Automatic cancellation of item registration if plant is altered, there is a change of person in control without notification within 14 days or breach of conditions of registration
- Registration to be renewed as specified
- DPI or WorkCover to reissue evidence of currency of registration



Item registration to WorkCover

(Table to clause 113)

- Boilers and pressure vessels of hazard level A, B or C excluding
 - LP gas fuel vessels
 - Serially produced to AS 2971
 - Not requiring periodic inspection by Table 4.1 of AS 3788
- Lifts & escalators
- Amusement devices
- Tower cranes
- Building maintenance units
- Concrete placing units (truck mounted with boom)
- Mobile cranes >10t



Item registration to DPI for underground mines at a Coal Workplace

(Table to clause 113 as amended) - DPI may gazette performance criteria

- Booster fans
- Diesel engine systems
- Powered winding systems



Savings provisions for approved items or systems

- Plant that was approved under the *Coal Mines (General) Regulation 1999* and in the opinion of the chief inspector is equivalent, is taken to be registered for a period of:
 - 2 years if the approval is less than 20 yrs old
 - 1 year if the approval is more than 20 years old
 - Subject to the same conditions that it was approved
- Plant that is taken to be registered in accordance with the savings provisions may be varied, suspended or cancelled in accordance with Chapter 5.



Records of Plant

- The operator of a coal operation must maintain records of
 - Mobile plant that has the capacity to transport one or more people (other than RTA registrable plant)
 - Remote controlled plant to which AS 4240 applies
 - Fixed gas monitoring plant
- A contractor who carried out work at a coal operation must maintain such records of plant
- Records must be contained in the gazetted particulars and gazetted form
- Such records to be kept for at least 5 years
- Records not required for plant that is at a coal operation for less than one week



Further assistance

Further assistance can be found in:

- OH&S regulations as amended
- For Workcover – www.workcover.nsw.gov.au
- For DPI –
 - www.dpi.nsw.gov.au/minerals/safety
 - Guidance note GNC-006, Registration of Plant Designs
 - Application form for registration of plant designs, Part A, B & C.
 - Guidance note GNC-005, Registration of Items of Plant
 - Application form for registration of items of plant