

## Department of Primary Industries

### COAL MINE HEALTH AND SAFETY ACT 2002

### COAL MINE HEALTH AND SAFETY REGULATION 2006

Use of Electrical Plant in a Hazardous Zone, not of  
Gazetted type

Exemption Order No. 317584240001/3

I, ROBERT REGAN, Chief Inspector under the Coal Mine Health and Safety Act 2002 (the Chief Inspector), pursuant to Clause 201 of the Coal Mine Health and Safety Regulation 2006 (the Regulation), hereby make the following Order.

Dated this 3rd day of August 2011.

ROBERT REGAN,  
Chief Inspector,  
Trade and Investment,  
Regional Services and Infrastructure  
(under delegation from Director-General)

#### 1. Commencement and duration

This Order commences when it is signed by the Chief Inspector and has effect until 31 March 2012 inclusive.

#### 2. Exemption

2.1 Subject to the conditions in clause 3, operators of any underground coal mine are exempt, in respect of plant referred to in clause 2.2 and to the extent indicated by clause 2.3, from the requirements of clause 19(1) (c) of the Regulation (in relation to the requirement for the use of electrical plant only of a Gazetted type in a hazardous zone).

2.2 The exemption applies in respect of the following plant items:

MDA Ex d 1375 Macey 1100V 55A "A" series bolted coupler; and

MDA Ex d 1285 Macey 1100V 150 / 300 / 425A "B" series bolted coupler,

in accordance with the following plant drawings:

'A' Series Bolted Adaptor drawings:

55-10-AD Issue 2 4-08-07;

55-20-AD Issue 2 4-08-07;

'B' Series Bolted Adaptor drawings:

300-10-AD Issue 2 4-08-07;

300-20-AD Issue 2 4-08-07; and

Cooper Electrical Australia – Assembly Work Instruction  
26-07-07 Rev 2

2.3 This exemption permits replacement of a (non-conductive) fibre washer with a copper washer to resolve a potential intermittent conduction path between the plug housing and the internal earth ring, but does not otherwise affect the standing of the approval covered by the applicable Gazetted type. No other alteration to the plant items is permitted.

#### 3. Conditions

3.1 A copy of the drawings and work instruction, detailed in clause 2, and this exemption must be maintained in the plant verification dossier while there is any bolted coupler of a kind identified in that clause in service at the mine concerned.

3.2 Prior to washer replacement the circuit is to be de-energized.

3.3 Prior to re-energisation of the circuit, each replaced earth screw and washer arrangement is to be inspected for deficiencies in ingress protection (IP rating) into the coupler housing and continuity from coupling housing to earth circuit is to be verified.

3.4 A list is to be compiled and maintained of any bolted couplers of a kind identified in clause 2 that are in service at the mine and that have not been upgraded with copper washers.

3.5 A copy of this exemption shall be provided to the site check inspector for the mine.

3.6 A copy of this exemption and the list of non-modified bolted couplers shall be displayed on the Mine Notice Board for the duration of the exemption, while the non-modified bolted couplers are in service at the mine.

### COAL MINE HEALTH AND SAFETY ACT 2002

#### Instrument of Appointment

I, BRAD MULLARD, Executive Director, Mineral Resources, Department of Trade and Investment, Regional Infrastructure and Services, pursuant to section 145(1)(d) of the Coal Mine Health and Safety Act 2002 (the Act), hereby appoint as an Investigator the person named in Column 1 of the Schedule below, subject to the limitation of functions specified in Column 2 of the Schedule opposite the person's name.

#### SCHEDULE

<i>Column 1</i> <i>Name of Person</i>	<i>Column 2</i> <i>Limitation of Functions</i>
Phillip John ROWE.	The person appointed is not to have any function under section 150 of the Act.

Dated this 28th day of July 2011.

BRAD MULLARD,  
Executive Director,  
Mineral Resources,  
Department of Trade and Investment,  
Regional Infrastructure and Services  
(in exercise of the Minister's function under section 127(1)(d), delegated with authority to sub-delegate to the Director-General of the Department of Trade and Investment, Regional Infrastructure and Services, under section 182, and subdelegated under section 184(2))