



Department
of Industry

New WHS (Mines) safety laws

Outburst Seminar Nov 2015

Overview

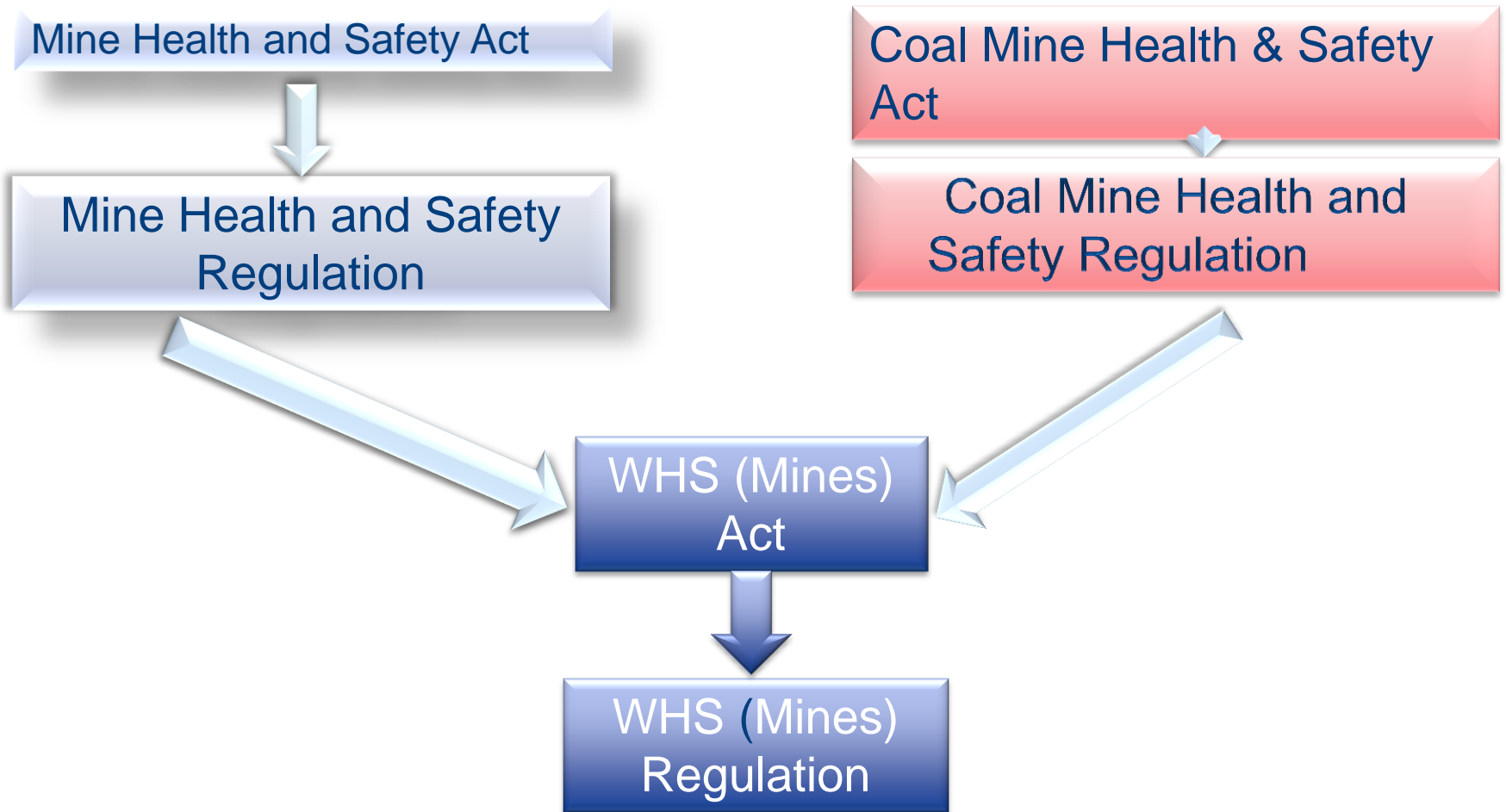
- harmonising mine safety laws
- key elements of the new legislation
- outburst



National harmonisation of WHS laws and mining

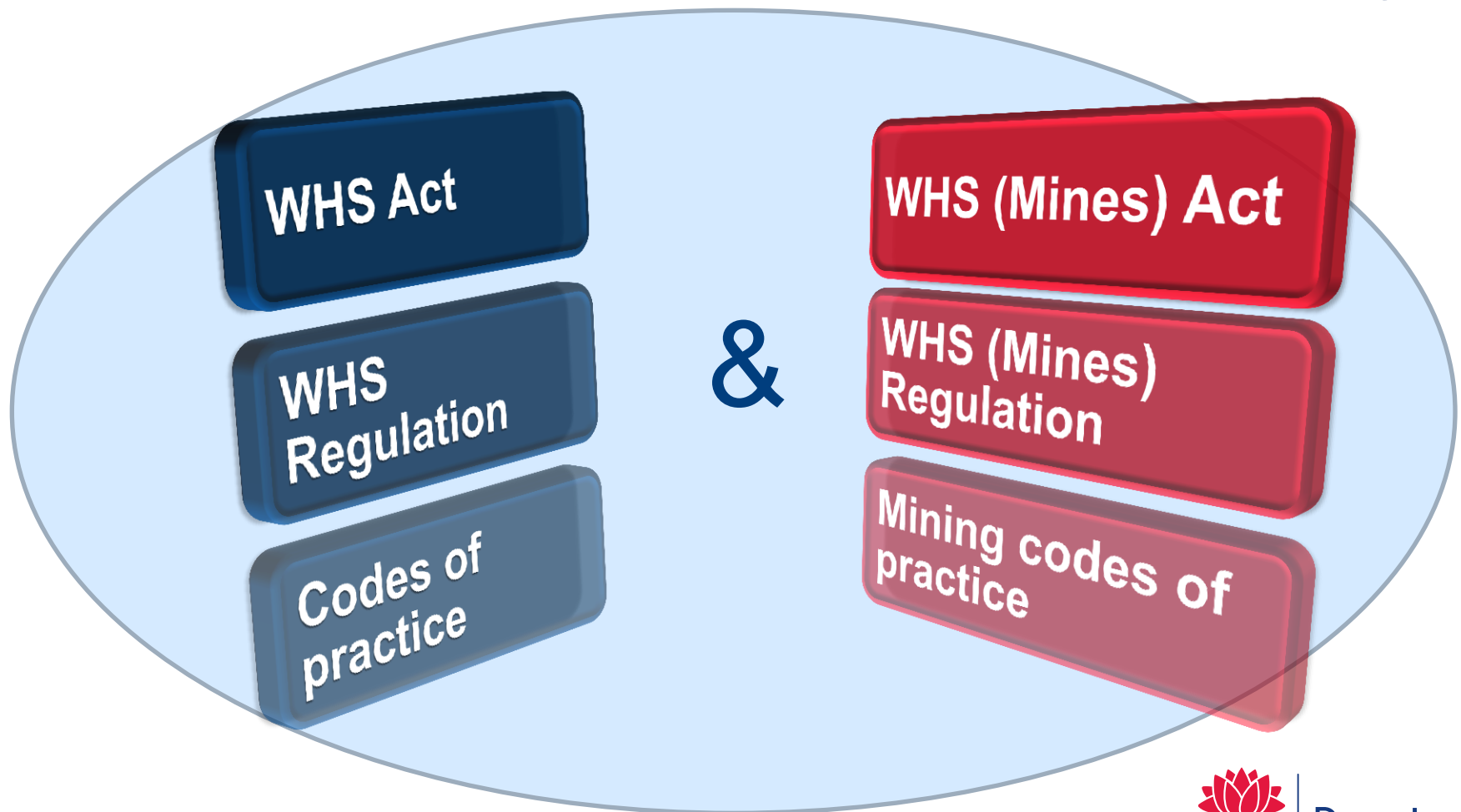
- Model WHS Act and Regulations (Chapter 10 Mines)
- Tri-state model WHS Mines Legislation
- NSW adopting model legislation with some unique requirements retained eg. Plant registration

Combining NSW mines legislation



Relationship between WHS Laws

Both WHS and WHS (Mines) laws apply



Key elements of new legislation

- process and systems approach continues
- risk management and specific controls
- safety management system with plans
- emergency management
- health monitoring
- statutory functions and practising certificates
- consultation, information and training
- provision of information to the regulator

High risk activity notification

- replaces some approvals
- expanded list of HRAs
 - most only apply to coal mines
- once waiting period expires activity can commence as per the information in the notification



Principal mining hazard management plans (PMHMPs)

- PMH: potential to result in multiple deaths in a single incident or a series of recurring incidents
- principal mining hazard management plans
 - must address how developed and outcome eg. roads and other vehicle operating areas

Outburst in the Regulations

- Clause 5 – identified as a PMH
- Clause 33 – HRA – Schedule 3 Item 18 mining in outburst control zone
- Schedule 1 Item 7 – Gas Outbursts

Outburst Control Zone– Schedule 3 Item 18

- If Australian Standard AS 3980-1999, Guide to the determination of gas content of coal – direct desorption method is used - the amounts in subparagraphs (i) and (ii), when added together exceed 9 cubic metres per tonne of coal

Outburst Control Zone– Schedule 3 Item 18 - continued

- (i) the total amount of gas (measured in cubic metres per tonne)
- (ii) the percentage of that total amount of gas that is carbon dioxide, multiplied by 4 cubic metres per tonne of coal or
- (b) if the GeoGas Desorption Rate Index is used – the Desorption Rate Index is greater than 900

Outburst

- PMH
- PMHMP
- HRA for mining in outburst control zones