



Minerals Industry Safety Council

2014 AusIMM Conference

MinEx – Safe Mines and Quarries

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Outline

- The new MinEx
- The 2013 mining safety legislation
- Sectors covered
- Safety critical roles
- Compliance
- What does best practice health & safety look like

The new MinEx – why?

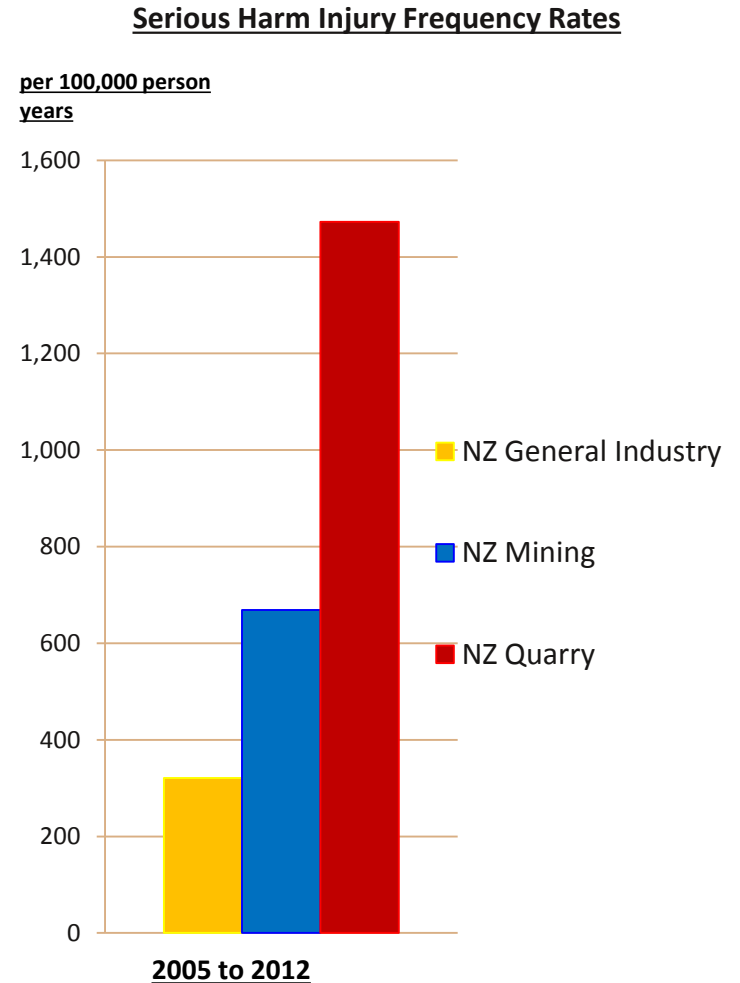
- Consolidate on 2013 work
- Assist with 2013 regulations compliance
- Assist the Quarry/Alluvial sectors with change during 2014/15
- Code & guidance development to support regulations
- Performance improvements beyond 2015
- 6 year business plan prepared for MinEx
- Deliver value to members to build support
- Support means continued funding beyond year 1

The new MinEx – current status

- New board
- Draft business plan agreed to allow work to start while the new structure was implemented
- New draft constitution developed
- Contract CEO retained
- AGM to ratify changes in September

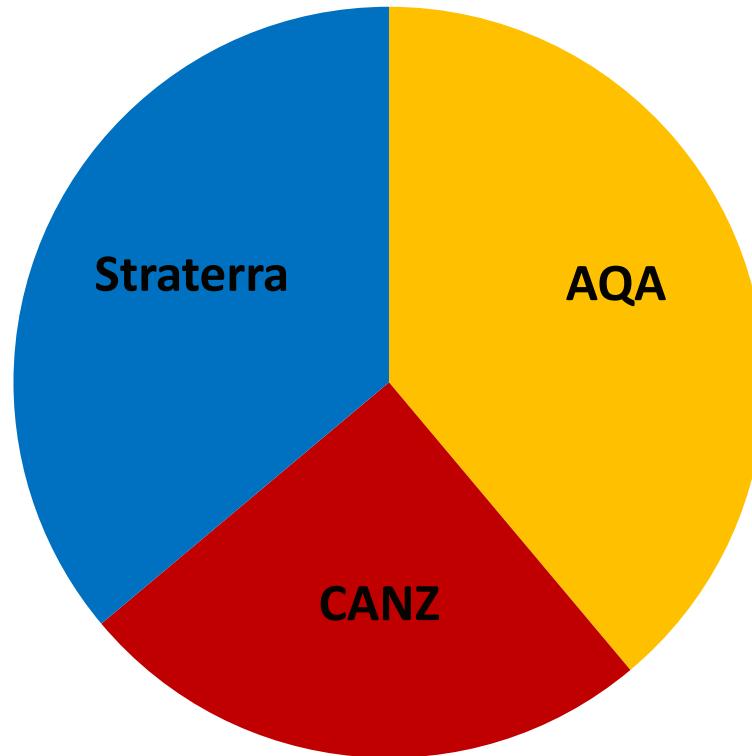
The new MinEx – goals

- ❑ Goal 1 - Reduction in Industry fatality & injury rates by 2020:
 - Target fatality rate zero,
 - Target injury rate reduced by 25%
- ❑ Goal 2 - Legislation reform fit for purpose
- ❑ Goal 3 - Improve public perception of H&S in our industry



MinEx 2014 & beyond – funding sources

Total budget \$177,000



MinEx 2014 & beyond – services

- Extractives industry qualifications review
- Code & guidance development
- Compliance assistance
- H & S performance improvement
- WorkSafe & the Inspectorate
- Extractive Industry Advisory Group
- H&S Reform Bill 2014 & it's associated regulations

Legislation change programme - 2013

- Amendments to the H&SiE Act 1992
- 2013 regulations commencement date 16 Dec 2013 with compliance except Part 5 being 1 Jan 2015
- Part 5, worker participation, had no transition period
- Two approved codes completed:
 - Fire & explosions
 - Ventilation

Legislation change programme - 2014

- Development of 3 guidelines
 - Surface mines, alluvial operations & quarries
 - Hydro-mining
 - Management & administration

- Plans for 6 more codes but will be completed as guidelines in 2014 & converted to codes in 2015
 - Ground control
 - Spontaneous combustion
 - Inundation and inrush
 - Surveying
 - Air quality
 - Worker Health

- Select committee process on H&S Reform Bill 2014

Legislation change programme – 2015 & 2016

- H&S Reform Act will commence 1 Apr 2015
- Regulations to support the Act will also commence 1 Apr
- Based on the Australian Model Health & Safety legislation
- Drivers for the change from the Jager task force report;
 - Lack of clarity and certainty in regulations
 - Duty holders confusion
 - Duty holders not doing enough
 - Lack of awareness by key participants

New safety critical roles

- Senior Site Executive
- Ventilation Officer
- Electrical Superintendent
- Mechanical Superintendent
- Supervisor

All mining operations will require a Senior Site Executive and a Manager but not all will require the other roles.

Competencies

- ❑ New competencies:
 - Risk management
 - Emergency response
 - Safety management systems
 - Human factors
 - Co-ordinated incident management (CIMs)

- ❑ Board of examiners meeting late Sept 2014 where final competencies will be set

- ❑ Most CoC holders required to complete new competencies by 1 Jan 2016

- ❑ Board of examiners will set experience & continuing professional development requirements

Sector coverage of the 2013 regulations

- ❑ *Mining operation* is defined under section 19M of the Act
- ❑ It includes:
 - Mining for coal and minerals;
 - Exploring for coal;
 - Tourist mines;
 - Tunnels; and,
 - Various activities associated with these operations.
- ❑ It excludes:
 - Exploring for minerals;
 - Alluvial mining;
 - Sea bed mining; and,
 - Quarrying operations.

Sector coverage of the 2013 regulations

- ❑ *Part 1 - Safety-critical roles and competency requirements* apply to quarry and alluvial operations & these deal with Certificate of Competency matters
- ❑ Exploration for coal is defined as being a *mining operation*
- ❑ Exploration for minerals is excluded - but



Sector coverage of the 2013 regulations

- ❑ If minerals exploration is via an old underground mine it is covered by the new regulations
- ❑ As for all mining operations, such activities will require:
 - A Senior Site Executive
 - Notification to WorkSafe
 - A compliant H&S management system;
 - To be properly supervised
 - To comply with a number of other matters in the regulations



Senior Site Executive appointment

- Required for all mining operations & appointed by the Mine Operator
- May manage more than 1 mining operation
- Requires a CoC but not until 1 Jan 2016
- Must have been appointed by 1 July 2014
- Essentially has responsibility for the development & maintenance of the health & safety management system

What does best practice health & safety performance require?

- Good, workable law
- An effective regulator
- Strong, visible leadership
- Genuine & effective worker participation
- High-quality data
- Occupational health is taken seriously
- Small businesses have easy access to useful information
- A workplace culture that is more risk aware

Score-card

- Legislation– nearly there but regulations need the support of codes & guidance
- Regulator – the foundation is there & progress is being made
- Leadership – some companies in some sectors but a work in progress
- Worker participation – again some companies but a long way to go
- High-quality data – long way to go
- Occupational health – long way to go
- Access to useful information – long way to go
- A workplace culture that is more risk aware – long way to go

Questions?