2018 Registered Managers Forum



Introduction

The fourth annual Registered Managers Forum was held on 17 August 2018. This is a key event for the Department of Mines, Industry Regulation and Safety (DMIRS) to network with resources industry management, channel information, and hear the point of view of decision-makers in industry.

Nearly a hundred managers, including registered managers, quarry managers, underground managers and alternatives attended the forum.

The main theme of the forum was competency and training for the Western Australian mining sector.

Forum format

The forum was divided into two sessions – information giving and a workshop.

Information giving

The forum opened with a welcome from facilitator, Andrew Chaplyn, State mining engineer.

Mines and Petroleum Minister, William (Bill) Johnston and Acting Deputy Director General, Ian Munns provided an overview of safety, including the government and Department's commitments. Following their speeches, there was a question and answer (Q&A) session facilitated by Inspector of Mines Amy Douglas-Martens with panel members Minister Johnston, Mr Munns and Mr Chaplyn.

After the Q&A, Mr Chaplyn spoke about the Department's *Towards 2020* commitments and the new WHS Act, participants were also asked to contribute their thoughts to the question "why aren't we improving".



Prior to lunch there were updates on health and hygiene management plans and the Safety Regulation System (SRS) from Craig Little, Team Leader Inspector of Mines.

General Manager Investigations, Colin Boothroyd, finished the morning's presentations with an update on investigation services.

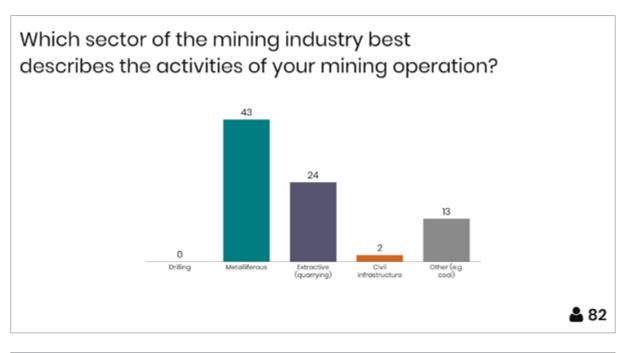
After lunch, Regional Inspector, Martin Ralph and Team Leader Inspector of Mines, Waeel Ilahi conducted a workshop on competency and training for the Western Australian mining sector.

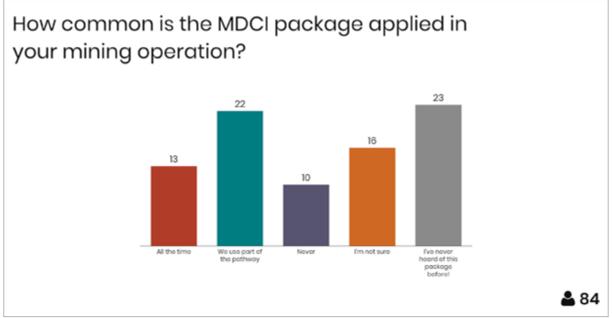
The forum concluded with an update on the Mines Safety Roadshow from Ms Douglas-Martens and closing remarks from Mr Chaplyn.

Workshop

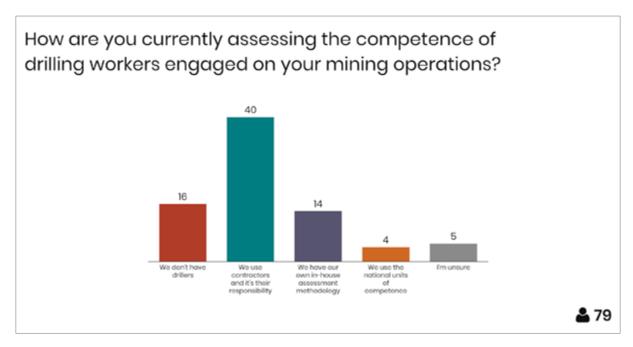
Participants were asked to provide feedback through a live polling system. The live polling components captured participants' views on competency and training.

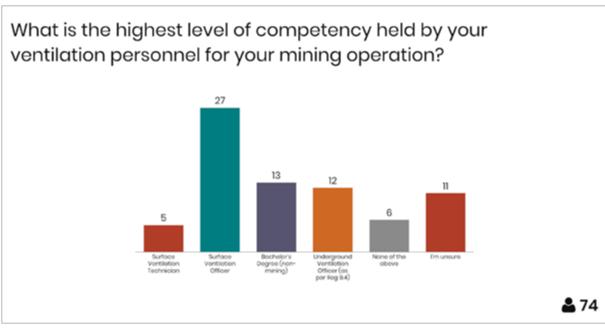
The discussion points referred to:

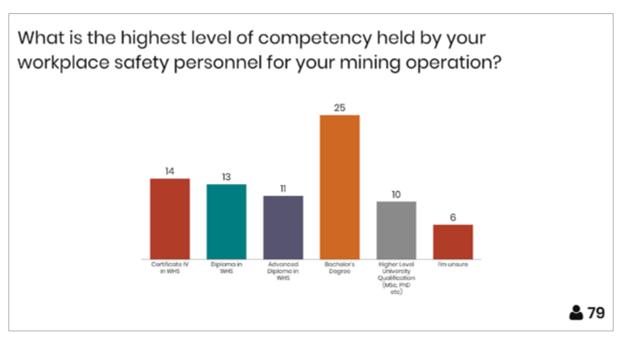




Note: MDCI is the acronym for mining, drilling and civil infrastructure







Event survey responses

The majority of attendees at the forum believed it was a good opportunity to network with DMIRS staff and industry. Overall, 34% attended a previous Registered Mangers Forum and 96% would probably participate in 2019.

The participants were primarily registered managers of mine sites.

Conclusions

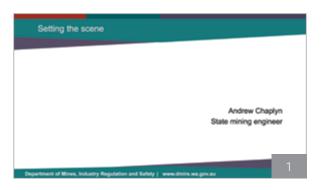
The forum continues to be an effective way to engage with industry. The event provided a rare opportunity for managers to come together to network and discuss safety issues of common concern.

Recommendations

Registered Managers want non-official lines of communication with DMIRS, achieved through:

- Roadshows and events
- Toolbox discussions
- Safety videos
- Webinars
- Workshops on site
- Site leadership teams
- Face-to-face meetings
- Registered Manager training
- Forums
- Engagement with site management at site visits.

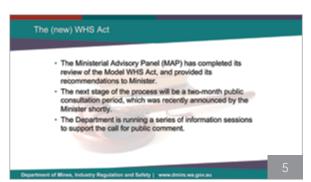
Appendix 1 Presentation slides



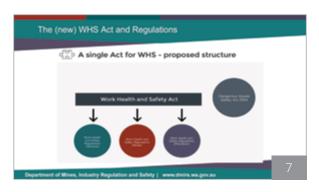


















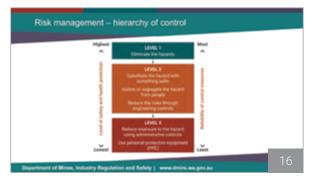




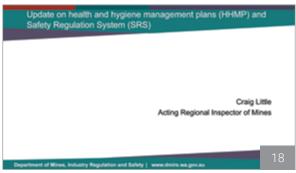












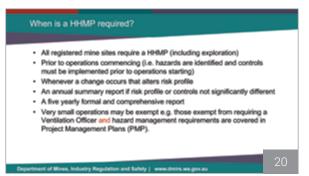
Why a HHMP? - All workplaces have some form of chemical, biological, radiation or physical hazard that include: - Dusts, chemicals, noise, vibration, radioactive materials or devices, temperature extremes, beciring, fungi, inadequate lighting - Meets legislative requirement to: - Identify hazards - Assess risks - Implement Controls - Verify that controls are effective - Provides a structured means of demonstrating an understanding of the hazards and risks at a mine site and verification that controls are effective.

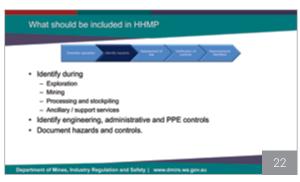


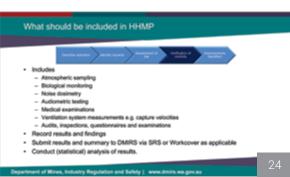










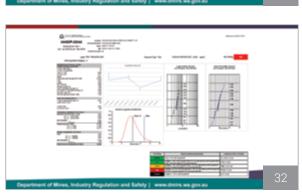




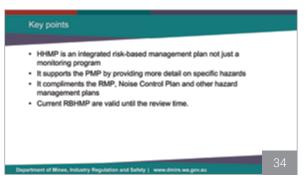


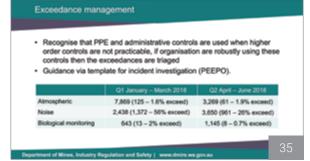










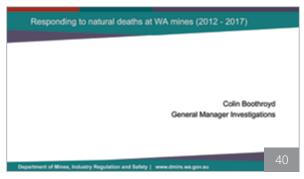




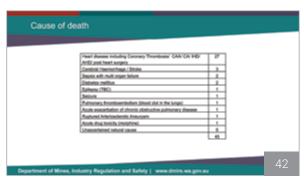


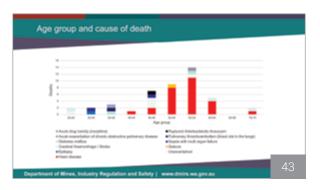






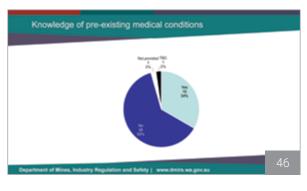
















- · Why do we care about "competency"?
- National Competencies
- Industry Reference Committees (IRCs)
 Drilling
 Extractive
 Metalliferous
- · IRC common projects
 - WHS Working Group
- · Verification of Competencies (VOCs)



MSIA 9(1) (b) 9. An employer must, so far as is practicable . Provide such information, instructions, <u>training</u> and supervision of employees as is necessary to enable them to perform their work in such a manner that they are not exposed to hazards ...

Legislation

MSIR 4:13 (1) (b)

- 4.13. Induction and training of employees
- (1) Each responsible person at a mine must ensure that every employee is: b. assessed before commencing work at the mine to ensure that the employee is competent to perform the tasks he or she will be assigned and to operate any plant and equipment the employee will be required to operate.

Why review the National Competencies?

To ensure students continue to learn work ready skills that meet industry

- . This is performed by the Vocational Education and Training (VET) sector
- . The aim is to adequately prepare students in various jobs
- · The VET sector is key to ensuring that Australia remains globally competitive
- Skills identified by businesses and industries that are needed to be productive and internationally competitive.

National Competencies: VET System

VET system is based on:

- occupational skills standards set out in units of competency (UoC's); and
- · packaged into nationally consistent qualifications;
- that reflect the skills and knowledge required to successfully operate in a particular occupation.

National Competencies: VET objectives

- Efficiencies gains for employers in recruitment and selection
- · Assurance that an individual's qualification or statement of attainment means they have:
 - the core competencies required by industry,
 - regardless of the training provider,
 - able to be enhanced by organisation-specific professional development as needed by the employer
- Competitive edge for individuals in the job market with:
 - nationally recognised qualifications; or
 statements of attainment.

MDCI Sector

The Mining, Drilling and Civil Infrastructure (MDCI) Sector:

- Australia's largest sector, employing approximately 370,000 nationally
- Nationally recognised training is housed within the Resources and Infrastructure Industry (RII) Training Package
 - Intent to provide a clear, structured pathway to support ment of the MDCI workforce

MDCI sector - key trends

- · Key trends impacting the MDCI sector:
 - Increased demand for workforce agility, and the ability to move between sectors and industries
 - Increased investment in the infrastructure industry from the Australian government, leading to increased demand for civil infrastructure skills
 - Emerging technology, impacting on ways of working
 - Increase safety focus to ensure the safety of workers
 - The need to support the development of managerial skills as workers

Employment and learner enrolments rts in Certificate I and II qual







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- January 2017: DMIRS invited by AISC to contribute to three Mining, Drilling and Civil Infrastructure (MDCI) IRC's:
- Drilling
- Extractive
- Metalliferous Mining
- May 2017: invited to contribute to a review of WHS qualifications in the Business Services Training Package
 - Project 1G

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Drilling IRC - Sector overview

- Includes both onshore and offshore drilling in oil and gas, as well as drilling in mineral exploration, geothermal, water well, civil infrastructure and agriculture
- Multidisciplinary industry shares core skills with other industries
- Large number of small employers (mostly contractors)
- Six large incumbents with over 200 employees each
 Currently a skills shortage to meet rising demand
- Future growth underpinned by major LNG projects.

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Drilling IRC - Contentious issues

- UoCs related to off-shore drilling are not being utilised by industry due to a preference to adopting international standards
- UoCs relating to out-dated drilling methods (e.g. Cable tool drilling) need to be deleted
- UoCs need to be created and/or updated to cater for technological factors (e.g. use of drones, remote operation etc)
- Drilling "mechanics" of different drilling methods are similar, however UoCs need to be updated to reflect these methods and technological advancements.

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Extractive (Quarrying) IRC - Sector overview

- · Focuses on extraction of raw materials used in building and construction
- Quarry sites are generally located close to major sites of building and construction (both mining and civil)
- · Large proportion of small operators in the market
- Employment in this sector has remained steady from 2007
- Success of this sector is heavily dependant on the performance of the building and construction industries.

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Extractive (Quarrying) IRC - Contentious issues

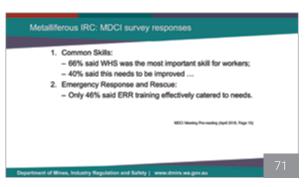
- Given the relatively small size of many extractive industries, the VOC process can be ad-hoc at best
 - Many sites don't have in-house training
 - New ways of demonstrating competencies with the use of technology?
- Lack of RTOs delivering the Diploma and Advanced Diploma of Surface Extraction Operations
 - Due to the lack of demand the IRC is considering deleting these qualifications.

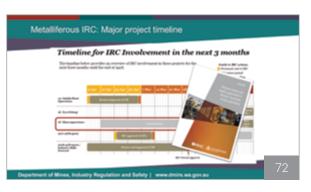
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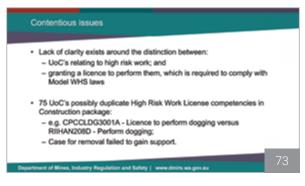
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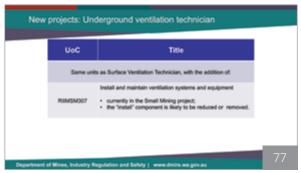




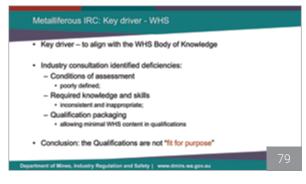




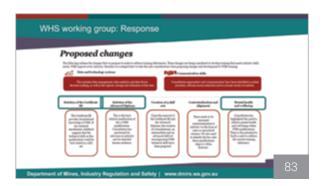
UoC	Title
RIIEGS301D	Operate and maintain instruments and field equipment
RIIENV301D	Conduct atmospheric monitoring
RIISTD302D	Process data and maintain accurate records
RIICCM201D	Carry out measurements and calculations

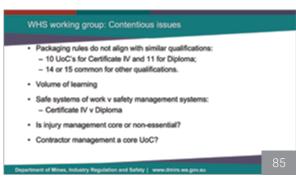


UoC	Title
RINWHS404D systems	ent and monitor health and hygiene management is ded in the Exploration Project to review
BSBWHS409 · curre · will in	with workplace monitoring processes Intly under review by WHS working group *; report the unit from the BSB package; will align with the revised DMIRS HHMP strategy





















Voc should be evidence based and verified before work commences - How is it done? - Recognition of prior learning (RPL) - On-site recognition of current competency (RCC) - Site training and development program.

MSIR 4:13 (1) (b)

4.13. Induction and training of employees

(1) Each responsible person at a mine must ensure that every employee it:

b. assessed before commencing work at the mine to ensure that the employee is competent to perform the tasks he or she will be assigned and to operate any plant and equipment the employee will be required to operate.

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The way forward?

- Can the VOC process be made more effective due to technological advancements?
 - E.g. electronic log books
- · Transferability: inter-company "licence to operate".

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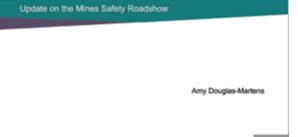
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- National competencies are currently under review, to make them fit-forpurpose, and to meet the needs to both participants and industry
- DMIRS are active participants in the MDCI IRCs to help drive for best outcomes.
- · WHS Project: ...
- VOCs: are you satisfied that your site is meeting the intent of MSIR 4:13 (1) (b)?

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Some of the attendees at the 2018 Registered Managers Forum

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