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**H&S NEWS
AUGUST 2010**

Time to nominate for the 2010 AusIMM Jim Torlach Health and Safety Award – ensure your health and safety leaders are recognised

One of the key responsibilities of the Health and Safety Committee is to make recommendations for a recipient for The AusIMM Jim Torlach Health and Safety Award each year.

The primary goal of The AusIMM Jim Torlach Safety and Health Award is to reward best practice and raise awareness of what can be done – and is being done – to continually improve health and safety outcomes in the minerals industry.

The Award is normally made to an individual, group or company, in recognition of a notable achievement in advancing health and safety in a minerals related activity, encompassing exploration, mining and minerals processing.

Nominees do not necessarily have to be members of The AusIMM. This is in line with the key purpose of the award, which is to recognise contributions, and raise awareness of what can be done.

A notable achievement refers to an initiative that has led to mitigation or elimination of a health and safety risk in a minerals related activity. A notable achievement may refer to a cumulative achievement in seeking to achieve a particular safety and health outcome over a period of time, or to one specific initiative.

The AusIMM Jim Torlach Health and Safety Awards forms part of The AusIMM Annual Awards programme. Once the recipient is finalised, a media release relating specifically to the recipient of The AusIMM Jim Torlach Health and Safety Award aimed at raising awareness of the notable achievement is issued at the start of the year. The name of the recipient and a short citation highlighting the achievement are

also included in the February edition of *The AusIMM Bulletin* annually each year, and the recipient of the Award receives the Award at the prestigious annual AusIMM Awards Dinner.

Nominations for the 2010 Award can be made to The AusIMM Health and Safety Committee Secretariat at: policy@ausimm.com.au before 1 September 2010.

How to nominate:
<http://www.ausimm.com.au/content/docs/AwardsCriteria2010.pdf>

View recent recipients citations:
http://www.ausimm.com.au/content/docs/ausimm_jim_torlach_health_and_safety_award_8_2010.pdf



Dr Basil Beamish, MAusIMM, 2009 Jim Torlach Health and Safety Award recipient.

Three minute H&S Review: Working at Heights

Commencing 2 August, every fortnight *The AusIMM News and Week in Review* will include a *Three minute H&S review*, which is a flash card dealing with a particular hazard and key measures to be taken to eliminate or minimise the associated risks.

The first *Three minute H&S review* addresses Working at Heights and can be viewed at: http://www.ausimm.com.au/content/wir/wir_3minuteHSreview_working_at_heights.pdf

The initiative has been adapted from materials developed as part of Rio Tinto Iron Ore's Face of Health, Safety and Environment program.

NATIONAL SLEEP FOUNDATION

Drowsy driving prevention, and the importance of sleep

Sleepiness impairs your performance just like alcohol and drugs

Studies show that being awake for 18 hours produces impairment equal to a blood alcohol concentration (BAC) of 0.05% and 0.10% - more than legally drunk - after 24 hours of being awake.



Warning signs of sleepiness or fatigue include:

- Turning up the radio or rolling down the window
- Impaired reaction time and judgment
- Decreased performance, vigilance and motivation
- Trouble focusing, keeping your eyes open or your head up
- Daydreaming and wandering thoughts
- Yawning or rubbing your eyes repeatedly
- Drifting from your lane, tailgating and missing signs or exits
- Feeling restless, irritable or aggressive

Are you at risk?

Special at-risk groups for drowsy driving include young people, shift workers, commercial drivers and people with undiagnosed or untreated sleep disorders. However, any driver can experience fatigue at one time or another.

Read more at: http://www.ausimm.com.au/Content/docs/ddpw_drowsydriving.pdf

And view drowsy driving facts at:

http://www.ausimm.com.au/Content/docs/ddpw_drowsy_driving_facts.pdf

New Risk Management Standard for Australia

By Jamie Ross, MAusIMM, author of the mining leadership and safety blog: www.miningman.com, and H&S Committee member

ISO 31000 replaces AS4360

Australia has always been at the forefront of risk management practices in the world, with the first Australian/New Zealand Standard for Risk Management released in 1999. The effectiveness of this standard led to it becoming the foundation for the international standard (ISO31000), originally released in 2005 by the International Standards Organisation.

In November 2009, the ISO released the latest version of their Risk Management Standard, ISO31000:2009. The standards committee for Australia and New Zealand determined that instead of maintaining a separate Australia Standard for risk management, they should instead adopt the international standard.

Hence, from this year, AS4360 is now no longer the relevant standard for Risk Management in Australia, we now work under ISO 31000. There are a few key changes we need to be aware of, but overall nothing major has changed in how we apply risk management on site.

Key differences

There are two key differences between the now superseded Australian Standard (AS4360) and the new ISO Standard (ISO31000).

Firstly, the ISO31000 standard now defines risk as the "effect of uncertainties on objectives", rather than how it was previously defined as "the chance of something happening that will have an impact on objectives". This might be important when it comes to our formal risk assessments, but in general this change is not overly important, the concept of risk is still the same.

Secondly, the ISO31000 standard introduces a set of principles that organisations need to follow in order to implement truly effective risk management. These principles say that a great risk management program has the following attributes:

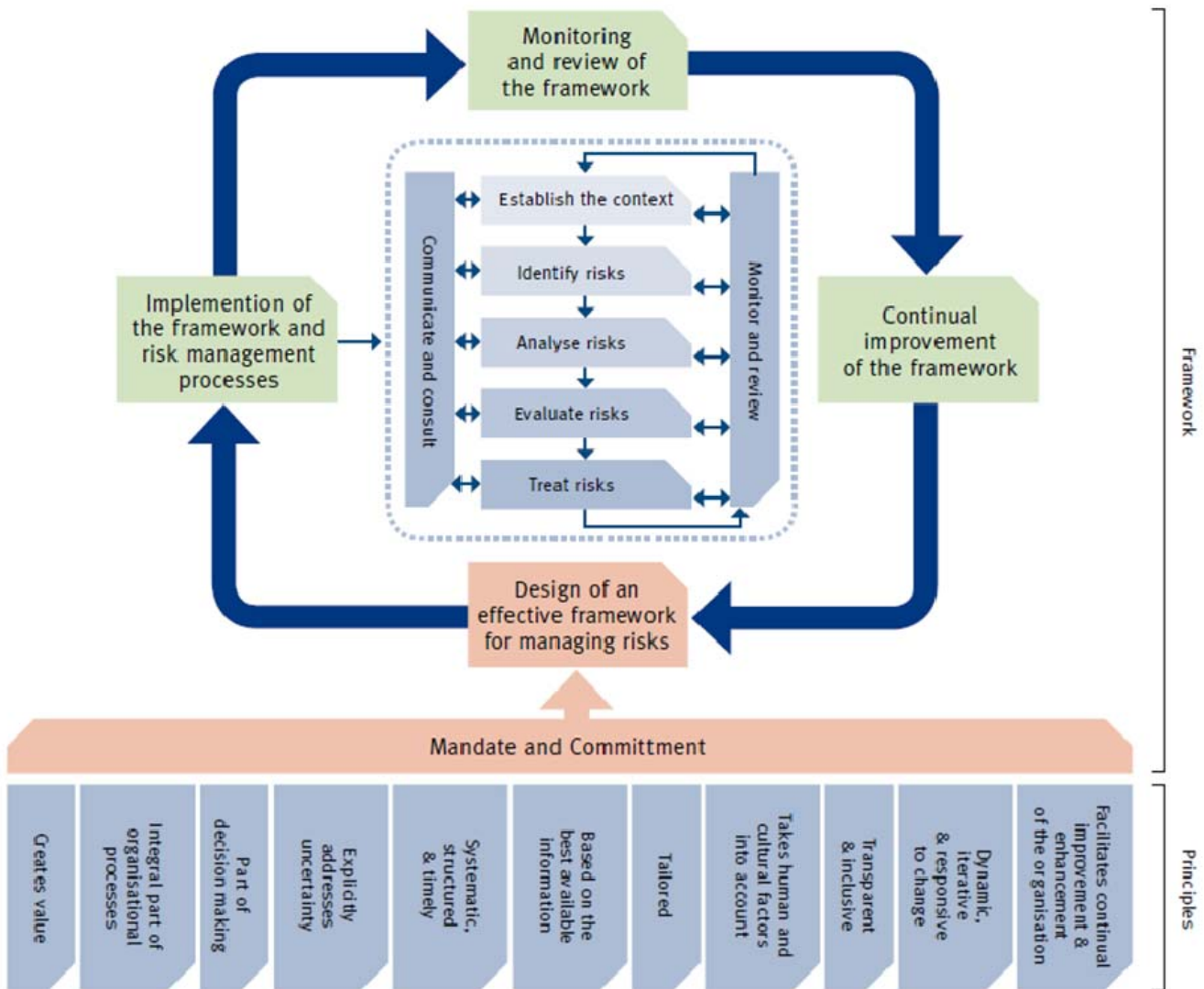
- Creates and protects value
- Integral part of organisational processes
- Part of decision making
- Explicitly addresses uncertainty
- Systematic, structured and timely
- Based on the best information available
- Tailored to the organisation
- Takes human and cultural factors into account
- Transparent and inclusive
- Dynamic, iterative and responsive to change
- Facilitates continual improvement and enhancement of the organisation

PTO - article continues

New Risk Management Standard for Australia: continued

The risk management process itself has not changed, and the stages we follow in the process are all still there - establish context, identify risks, analyse risks, evaluate risks, treat risks. The process is identical to AS4360. There is a much greater emphasis now on how risk management should be implemented in the workplace and in organisations, with particular reference to continuous improvement.

The risk management concept diagram has now expanded with more detail, and looks like this:



New Risk Management Standard for Australia: continued

Enhanced risk management

The new international standards also introduces what it calls enhanced risk management practices. These practices are those which are considered key to above average risk management processes, and include:

1. Continual improvement - setting goals and managing against them.
2. Full accountability - designating specific individuals and holding them to account for actions assigned to them.
3. Application in all decision making - risk management practices should be applied in some way in every level of decision making, no matter the level of importance.
4. Continual communications - frequent reporting and communication with all stakeholders.

Summary

Overall, the new standard leaves the process of performing risk assessments and risk management basically unchanged. Instead it puts greater emphasis on how risk management practices are integrated into the organisation, and how they are supported by continual improvement and more accountability.

It will be up to businesses and mining companies now to have a look at how well they are achieving the principles of good risk management, and how well they are striving to meet the enhanced risk management practices. But from a point of view of those of us involved in risk assessment and management on the front line, there are few changes to worry about.

Safe Work Australia newsletter

The latest edition is at:

http://www.safeworkaustralia.gov.au/NR/rdonlyres/A8EA96AC-66C5-467A-A4B5-2CFEE8BB183B/0/SafeWorkAustralian_Issue4August2010.pdf



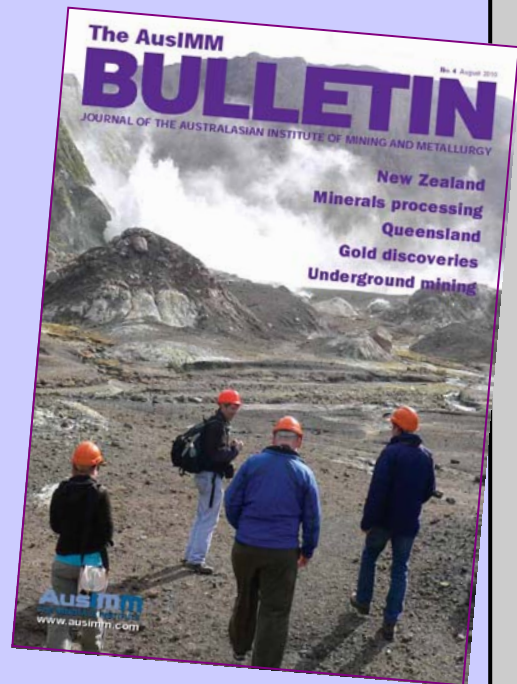
The AusIMM Bulletin update

The August 2010 edition of the Bulletin is out now! Features include:

- New Zealand
- Queensland
- Minerals Processing
- Gold Discoveries
- Underground Mining

The October 2010 edition of the Bulletin is currently in production, with features to include:

- **Health & Safety**
- Northern Territory
- Consultants
- Women in Mining
- Conveyors and Components



If you are interested in submitting to future editions of the Bulletin, a list of upcoming features for 2010 editions can be found in The AusIMM Bulletin media kit at:

<http://www.ausimm.com.au/content/default.aspx?ID=99>.

Please send an outline of your proposed article to the Editor, Stephanie Omizzolo, via: somizzolo@ausimm.com.au

The AusIMM Bulletin is also available online! Members Only section:

<http://www.ausimm.com.au/content/default.aspx?ID=43>

(please ensure you are logged in).

The AusIMM Awards

The AusIMM Awards recognise excellence and significant contributions to the minerals industry and The AusIMM. Members and interested persons are encouraged to be actively involved in submitting nominations for the 2010 AusIMM Awards.

All the information you need, including guidelines and the Online Awards Nomination Form is at: <http://www.ausimm.com.au/content/default.aspx?ID=122>. **Nominations close 31 October 2010.**

Photos from the 2010 AusIMM Awards dinner, celebrating the 2009 AusIMM Awards recipients, are now available for viewing at:

<http://www.ausimm.com.au/content/default.aspx?ID=381>

AusIMM events

- **Register now**

[Sustainable Mining 2010](#)

17 – 19 August 2010, Kalgoorlie, Western Australia

Register online via the [Sustainable Mining 2010 Conference website](#)

[IMPC 2010 – International Mineral Processing Congress 2010](#)

6 – 10 September 2010, Brisbane, Queensland

Register online via the [IMPC 2010 Conference website](#)

[Gravity Gold 2010](#)

21 – 22 September 2010, Ballarat, Victoria

Register online via the [Gravity Gold 2010 Conference website](#)

[Second Australasian Ground Control in Mining Conference](#)

23 – 24 November 2010, Sydney, New South Wales

Register online via the [Second Australasian Ground Control in Mining Conference website](#)

[Mine Planning and Equipment Selection – MPES 2010](#)

1 – 3 December 2010, Fremantle, Western Australia

Register online via the [MPES 2010 Conference website](#)

- **Calling for papers**

[MetPlant 2011](#)

8 – 9 August 2011, Perth, Western Australia,

Calling for papers, deadline 1 November 2010,

submissions via the [MetPlant 2011 Conference Speakers' Portal](#)

[Eighth International Mining Geology Conference 2011](#)

22 – 24 August 2011, Queenstown, New Zealand

Calling for papers, deadline 12 September 2010,

submissions via the [Eighth International Mining Geology Conference 2011 Speakers' Portal](#)

[Iron Ore 2011](#)

11 – 13 July 2011, Perth, Western Australia,

Calling for papers, deadline 13 September 2010,

submissions via the [Iron Ore 2011 Speakers' Portal](#)



New Guide prepares mining industry workers for changes to OHS legislation

By Francesca Pottinger, Professional Public Relations

With new OHS laws about to be made consistent Australia wide, this year's *Mining Industry Guide to Workplace Safety* aims to help employers and employees prepare for the changes.

The National Mine Safety Framework (NMSF) is an initiative of the Ministerial Council on Mineral and Petroleum Resources, which aims to achieve a nationally cohesive occupational health and safety regime for the Australian mining industry.

This year's Guide, distributed free of charge by Pro-Visual Publishing, explains the reasons for the changes and lists the seven strategies that will make up the new legislation.

The Minerals Industry Safety & Health Centre believes the Guide is an easily accessible safety resource for members of the mining industry.

"This year's *Mining Industry Guide to Workplace Safety* provides valuable, up-to-date information regarding proximity detection, mining safety and health laws, musculoskeletal disorders, noise levels as well as health management plans," said Professor David Cliff, MAusIMM, of the Minerals Industry Safety & Health Centre.

"I would like to thank all the sponsors of the Guide who have made it possible for it to be distributed free of charge."

This year's Guide also explores the increased safety risks associate with operating larger mobile mining equipment such as trucks, dozers and graders. The safety resource notes that while achieving greater productivity, these larger vehicles heighten the already existing hazards of poor visibility.

To assist miners when operating large equipment in confined spaces on unguarded slopes, the guide explores the main factors that contribute to collision-related accidents and the different types of proximity detection systems available to the mining industry.

The guide will be distributed to all mining and mining contractor companies, it will reach all active mine sites across the country. Additional copies are available and all Guides are produced and distributed without cost thanks to sponsorship.

For further information, or to obtain additional copies of the Chart please call: (02) 8272 2611, email: enquiries@provisual.com.au or visit: www.provisual.com.au



Contact us

If you have any feedback, would like to make a suggestion or contribute to the H&S Newsletter, please email the Editor of the H&S Newsletter Stephanie Omizzolo, via: somizzolo@ausimm.com.au, or contact one of the H&S Committee members:

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You can also find out more about the H&S Committee by visiting our webpage! : <http://www.ausimm.com.au/Content/default.aspx?ID=205>

We hope you enjoyed this edition of the "Health and Safety Newsletter." Stay tuned...next newsletter due for release in November 2010!