

Mechanical Engineering Safety Seminar - presenters

The NSW Resources Regulator is seeking experienced and enthusiastic presenters for its annual Mechanical Engineering Safety Seminar on 26 and 27 September 2018 at Sofitel Sydney Wentworth, Sydney. The theme this year is 'known risks, known controls'.

Share your ideas and knowledge

This is an excellent opportunity for individuals to share their experience and insight and broaden industry's knowledge on work health and safety (WHS) issues and initiatives in mechanical engineering safety in the mining industry. Presenters will need to deliver informative, educational and practical presentations matched to audience needs and levels of experience on issues related to risks to health and safety in the mining industry and measures to control those risks.

Seminar theme

The theme this year is 'Known risks, known controls'.

A systematic approach to identify, evaluate and control the risks associated with mechanical aspects of plant and structures at mines is required to ensure safety from the use of mechanical plant and installations. A key obligation to help achieve mechanical safety in the current NSW mining legislative framework is the implementation of the Mechanical Engineering Control Plan. The control plan sets out the means by which the mine operator will manage any risks associated with mechanical aspects of plant and structures. These risks arise from hazards associated with 'mechanical energy' and include risks associated with plant such as machinery, equipment, appliances and structures. The risks may exist across mining operations and involve other hazards and controls. In this context, 'mechanical energy' means all energy associated with plant and structures, other than electrical energy.

There are significant risks of workplace death and injury associated with using plant and associated structures, typically resulting from insufficient control of mechanical energy through:

- the use of plant that is not fit for the purpose for which it is being used
- the lack of safe systems of work
- workers who are not competent in the task they are undertaking.

Common risks associated with the mechanical aspects of plant and structures in mines include:

- injury to people caused by the operation of plant or by working on plant or structures
- the unintended initiation of explosions

- the unintended operation of plant
- the unintended release of mechanical energy
- the catastrophic failure of plant or structures
- uncontrolled fires being initiated or fuelled by plant
- the exposure of persons to toxic or harmful substances.

Presentation format

- Presentations are typically 30 minutes long and may involve co-presenters.
- PowerPoint slideshows and/or other audio-visual materials are welcome and interactive, case-study based formats are highly encouraged.

Content

- This event is intended to improve the awareness of issues that affect mechanical engineering safety within the mining industry.
- The focus of the presentation must address a safety or technical issues or a specific project and its challenges and how it was dealt with.
- A presenter should identify the issue, whether it is a hazard, risk or area of concern, and provide information that will aid the mine mechanical engineers in their understanding of that issue.
- The presentation should, if possible, provide information on potential controls that the mine mechanical engineers may consider when determining how best to control the risks associated with the issue.
- Presentations must not include brand promotion or sales pitches.
- Where the solution involves a product or service, presenters must not denigrate other products or services. The presenter may speak to the technical merits of a particular product or service but a balanced and impartial analysis of the issues must be given.

Submit an expression of interest

If you are interested in being a presenter submit an application form and send it with your attached abstract to rr.workshops@planning.nsw.gov.au no later than **12 March 2018**.

Submission process

Applicants will be notified of the outcome of their expression of interest via email by 30 March 2018. In some circumstances, a presenter may be notified that their application is successful earlier than this date.

Note: All written applications will be reviewed by the NSW Resources Regulator.

More information

If you would like more information about this opportunity or have questions contact Lisa Tracey by emailing rr.workshops@planning.nsw.gov.au

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