



breaking new ground...

Queensland Mining Industry Health & Safety Innovation Awards 2008

Submission Booklet



breaking new ground...



SUBMISSIONS

**MUST BE RECEIVED BY:
18 APRIL 2008**

**PRELIMINARY JUDGING:
22 JUNE 2008**

**FINAL JUDGING:
18 AUGUST 2008**

**AWARDS PRESENTATION:
19 AUGUST 2008
CONFERENCE DINNER**

Aim

The Queensland Mining Industry Health and Safety Conference aims to recognise creative and practical solutions to health and safety problems and promote their application across the Queensland Resources Industry.

Entries receiving awards are eligible to enter the 2009 National Mining Industry Safety and Health Innovation Awards conducted by the Minerals Council of Australia.

Entry

Entry is open to all Queensland resources company/site (metalliferous, coal, quarries, exploration, oil and energy) including contractor companies associated with the Queensland resources industry.

Companies are not limited in the number of entries that they are able to submit.

Scope

For the purpose of these Awards "Innovation" is broadly defined as either a new initiative or an original solution to a specific OH&S problem. Note: "Innovation" does not include products for commercial sale or seeking opportunities for production and commercial sale.

Criteria for Innovations for the Queensland awards include:

- Solutions to specific health and safety problems (e.g. design of safer, more efficient access plant for maintenance purposes, noise solutions, ergonomic enhancement, risk assessment, etc.);
- Selection, design and/or safe introduction of new equipment or processes;
- Introduction of innovative health and safety initiatives and/or training programs (e.g. safety culture initiatives, fitness for duty programs, accident investigation methods, first-aid training, education programs); and
- The development of a safer/healthier work procedure (e.g. new specific maintenance changed-out method).

This list is an indication only. Health and/or safety innovations which do not fit the above scope are encouraged to be submitted. All submissions will be included in the conference proceedings book.

RIGHT: 2005 Winner – Return Roller Change-Out Jig - Kestrel

BOTTOM LEFT: 2005 People's Choice award – Dragline Tub Voltage Cable Plug – Blackwater

BOTTOM MIDDLE AND RIGHT: 2006 Commended – Tyre Handling Protection Arms – Thiess



JUDGING PROCESS

There are two rounds of judging:

First round

All submissions are assessed by selected industry representatives across the sectors, with a short list of finalists being selected to go into the next round.

Second round

Judging is carried out at the conference where each finalist has the opportunity to give a 10 minute presentation on their innovation to a judging panel and conference delegates, this session will be facilitated by James O'Loughlin from the ABC Inventors.

JUDGING CRITERIA

In assessing the submissions in both rounds, the judges will consider the application of risk management principles within each of the following criteria:

The Problem or Initiative

A brief description of the identified problem; how it was identified and what were the health and safety consequences if not addressed.

Or alternatively, where no problem existed, described how the health and safety initiative or improvement opportunity was identified and developed.

The Solution

A description of the strategies and initiatives developed to address the problem or improve the current system; methods used to assess the risks/inadequacy related to the problem/system and develop the solution; how it has been implemented across the site/organisation; methods and improvement of the site's resources and employees (i.e. employees, management, specialists, consultants); how the solution was trialled and tested; has an assessment been made identifying any new hazards introduced by the innovation and how they will be managed.

Where relevant demonstrate how the hierarchy of hazard control has been used.

Benefits/Effects

Indicate the health and safety benefits or outcomes; factors affecting the use of the innovation and how the effectiveness of the innovation was measured.

Supporting data **must be** provided demonstrating the benefits/effects achieved.

Transferability Across Industry

The potential for the innovation to be used, modified or transferred to other settings or industries.

Innovation

The application of clever thinking to address the problem or develop the innovation.

Please note: the design of any device entered into these awards should be checked by an appropriately qualified designer/engineer and the subsequent report provided with the entry.

AWARDS CATEGORIES

★ **Winner** – as judged by the judging panel

★ **People's choice** – as judged by the conference delegates

★ **Commended** – combined vote count

HOW TO ENTER

1. **Complete** the official entry form (attached).
2. **Attach a description** of no more than five (5) A4 pages plus appendices. Submissions are to include an appropriate selection of photographs, maps, diagrams, models, computer disks and/or video, to be provided in **electronic format** (gif or jpg) with a caption.

The description should **address the judging criteria and use the same sub-headings**. A statement of approximate costs, if known, should also be included.

A company logo, in **electronic format** (gif or jpg), is also required.

Guidelines for description:

- **Font:** Arial
 - **Heading 1 – Main title of the Description:** 14pt bold, to the left of the page in upper and lower case – NOT UPPER CASE
 - **Heading 2 – Company name immediately under the main title:** 14pt, to the left of the page in upper and lower case – NOT UPPER CASE
 - **Heading 3 – Sub-headings (eg. The Problem or Initiative):** 12pt bold, to the left of the page in upper and lower case – NOT UPPER CASE
 - The rest of the text must be in 12pt in upper and lower case, single line spacing with double spacing between paragraphs.
3. **Submit your entry by the close of business no later than 18 April 2008.**

Enquires on Innovations:

Grant Cook
Director Safety and Health QRC
07 33162509

4. **Preliminary Judging Round** will be held in the week commencing 22 June 2008 and will involve industry experts reviewing all submissions. Once all judging sheets have been received by the conference secretary a shortlist of the eight finalists will be confirmed. All submissions will be notified accordingly.

5. **Final Judging Round** will be held on Monday 18 August 2008 as part of the conference program. Each finalist will have the opportunity to give a presentation to a judging panel of five industry experts and conference delegates.

6. Presentation time will be allocated to each finalist (no more than 12 minutes), this includes questions/answers from the judging panel and delegates. The presentation may involve more than one person, and may include PowerPoint presentations and/or DVD or video. Presenters must indicate their audio and visual requirements on the entry form.

AWARDS PRESENTATION

The presentation of Awards will be held at the Conference Dinner Tuesday 19 August 2008.

All participants are encouraged to attend the Awards presentation to promote the application of the innovations across the industry.

INNOVATION PROFILES

To promote information sharing, all submissions will be included in the Conference Proceedings book. Also each submission will be added to the MIRMgate records (www.mirmgate.com), a minerals industry risk management database accessible on the Internet (see attached MIRMgate record form).

Entry Form



breaking new ground...

By providing the details requested on this Entry Form you are taken to have consented to the QMIH&S Conference Committee using the personal information herein to fulfil our obligations to you. The contact's personal information and innovation submission will be published in the Conference Proceeding Book.

Innovation Title (as will appear on the award if successful)
.....
.....
Company:
Contact person:
Position:
Address:
.....
Town or City: Postcode:

Business phone:
Fax:
Mobile:
Email:
Audio Visual requirements for presentation:
.....
Is the innovation free of copyright? (please tick)
 Yes No

PLEASE ATTACH THIS ENTRY FORM TO YOUR SUBMISSION AND FORWARD TO:

**The Conference Organiser – ACCLAIM Special Events and Meeting Management, 371 Bowen Terrace, New Farm Qld 4005
Tel: 61 7 3254 0522 Fax: 61 7 3254 0406 Email: safeconf@acclaimsemm.com.au Website: www.qldminingsafety.org.au**



breaking new ground...

MIRMGATE INFORMATION

The Minerals Industry Risk Management Gateway (MIRMGate) is a searchable metadata system that facilitates searching for good practice information, including innovations about the management of minerals industry safety and health risks. Unless you request otherwise, a record about your innovation will be added to MIRMGate (www.mirmgate.com) to enable a user to search for it and to download, display, print or reproduce the materials in unaltered form. Please note that the innovation owner maintains copyright of the documents.

Please help us to create accurate records about your innovations by completing all sections of the nomination form and returning to Sue Leveritt at MISHC.

Email: s.leveritt@mishc.uq.edu.au **Phone:** 07 3346 4082 **Fax:** 07 3346 4067

Innovation title:

Contact person:

Phone:

Company/site:

Email:

Q1. Is there a disclaimer attached to your innovation?

- Yes
 No

Q2. At which of the following types of operations would this innovation have application?

- Surface coal mining
 Surface metalliferous mining
 Underground coal mining
 Underground metalliferous mining
 Quarrying
 All of the above

Q3. In terms of the mine life cycle, where would this innovation have application?

- Exploration
 Mine construction
 Mine operation
 Minerals processing
 Mine closure
 All of the above

Q4. Does this innovation involve changes to the following?

- Mobile plant, machinery and equipment
 Fixed plant, machinery and equipment
 Both

Q5. If the innovation relates to plant, machinery and equipment, which stage of the life cycle is involved?

- Construction
 Commissioning
 Design and purchasing
 Maintenance
 Decommissioning
 All of the above

Q6. Which of the following hazards are eliminated or reduced by this innovation?

Please tick all boxes that apply

- Electrical hazards
 Fires
 Gravitational hazards
 Ground control hazards
 Hazardous materials/substances
 Magnetic hazards
 Materials handling
 Occupational health hazards
 Physical hazards
 Pollution
 Pressure hazards
 Protective equipment
 Scientific equipment
 Ventilation hazards
 Work environment hazards
 OTHER (please specify)

.....