
BOARD NOTICE

NOTICE 126 OF 2006

SIM 03 06 03 (Track B) Workshop

DUST ELIMINATION AND CONTROL INITIATIVES DURING ROCK HANDLING – CURRENT SYSTEM IMPROVEMENTS AND POTENTIAL ALTERNATIVES

The Mine Health and Safety Council (MHSC) invites all dust-generating- and dust-control-equipment manufacturers and suppliers, as well as occupational-airborne-pollutant-control and elimination specialists, specifically referring to rock breaking and handling to attend a workshop, hosted by the SIM 03 06 03 Project Team.

Background

The Safety in Mines Research Advisory Committee (SIMRAC) is a partner in the World Health Organization/International Labour Organization (WHO/ILO) initiative for the global elimination of silicosis. Since its establishment in 1994, SIMRAC has funded numerous projects in dust measurement and control, but with the continued estimated prevalence of silicosis, and the compounding impact of tuberculosis, it has identified this preventable occupational disease as a major focus area for the South African mining industry.

In order to eliminate silicosis from the South African mining industry regional and national workshops conducted by SIMRAC identified three major areas of research that needs to be focused on. These are dust measurement and reporting, dust control, and human resource training.

Based on this project **SIM 03 06 03** consists of three parts, namely:

- Part A: Dust Measurements and Reporting;
- Part B: Environmental Engineering/Dust Control; and
- Part C: Human Resources Training and Management

The most important intervention strategy for any occupational disease control programme is to eliminate or reduce the stressor at source, preventing exposure, and by doing so controlling it. This approach is a key factor of the national programme to eliminate silicosis from the South African mining industry. SIMRAC has targeted the identification and assessment of feasible and cost-effective environmental-control engineering and dust control technologies as a research priority area for the silicosis control programme.

Purpose of the workshop:

- To inform dust-generating- and dust-control-equipment manufacturers and suppliers and occupational-airborne-pollutant-control and elimination specialists of the full extent and implications of the milestone set by the MHSC summit.
- To inform dust-generating- and dust-control-equipment manufacturers and suppliers and occupational-airborne-pollutant-control specialists of the scope of this multi-year project.
- To consider whether a national register should be set up of participating dust-generating- and dust-control-equipment manufacturers and suppliers and occupational-airborne-pollutant-control specialists.
- To identify and create a national database of current and emerging initiatives/technologies for dust elimination and control during rock breaking and handling in the mining industry.
- Discuss the formulation of a mining industry dust-elimination/reduction and control-efficiency testing working group and national standard.

Expected outcomes of the workshop:

Participants to provide advice, inputs and comments on:

- Establishment of a national database of dust-generating and dust-control-equipment manufacturers and suppliers and occupational-airborne-pollutant-control specialists to assist with project SIM 03 06 03, with specific focus on rock breaking and handling.
- Establishing the status of current and alternative dust elimination and control initiatives/technologies for rock breaking and handling in the mining industry.
- The establishment of a national database of current, alternative and new emerging initiatives/technologies for dust elimination and control during rock breaking and handling in the mining industry.
- Envisaged formulation of a mining industry working group and national standard for dust-elimination/reduction and control-efficiency testing.

Programme:

08:30 – 09:00	Registration (Tea/coffee)
09:00 – 09:30	Welcome and background and scope of SIM 03 06 03
09:30 – 11:00	SIM 03 06 03 Part B – Overview of 2005/2006 and 2006/2007 work program
11:00 – 11:30	Tea/coffee
11:00 – 11:30	Dust control technologies database
11:30 – 12:00	Efficiency testing standard
12:00 – 12:30	Technologies for breaking and moving rock
12:30 – 12:50	Establishment of a national working group
12:50 – 13:15	Summary and closing remarks

RSVP:

Date:

17 January 2007

Venue:

Johannesburg, South Africa.

(Venue dependent on number of delegates. Venue will be electronically communicated to all pre-registered delegates)

Pre-registration process:

- 1) Prospective delegates must indicate their intention to attend this workshop to:
Ms. Carmen Bergman
Fax: (011) 726 5405
E-mail: cbergman@csir.co.za
Before or on 24 November 2006.
- 2) A questionnaire will be forwarded to the prospective delegates, requesting specific information on current and emerging product ranges or initiatives and contact information and details of representatives that will be attending. (Please note that a maximum of *two* delegates per company can be hosted.)
- 3) The completed questionnaires must be returned to **Ms. Bergman** on or before 15 December 2006.

Important notes:

- a) All pre-registered delegates will receive electronic communication to confirm the venue for the workshop on or before 5 January 2007.
- b) Companies who wish to apply for registration of their product/s on the envisaged national database, but do not necessarily wish to attend the workshop, should follow the pre-registration process as set out above.