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10 March 2015

OH&SPC CIRCULAR NO. 17/15

(For consideration)

INVITATION TO THE ICMM-CHAMBER WORKSHOP ON CRITICAL CONTROL MANAGEMENT

1. Introduction and background

One of the success factors behind companies that have achieved fatality-free safety performances over a long period of time is effective identification, implementation and management of critical controls. By definition, critical controls are controls that are applied and essential in preventing or eliminating operational hazards. They are recognised as a systematic and preventive approach that addresses biological, chemical and physical hazards through anticipation and prevention. They are not only applicable to elimination but can be applied to reduce operational hazards to an acceptable level.

At the Mine Health and Safety Summit held on the 18th and 19th of November 2014, the tripartite stakeholder principals (Business, Government and Organised Labour) agreed that the industry will eliminate fatalities and injuries by 2020. The identification of critical controls on occupational health and safety (OHS) risks is part of the new health and safety milestones actions approved by tripartite stakeholders

2. Date and venue of the workshop

The Chamber of Mines' Strategic Plan 2015-2017 seeks to "put the mining industry on the front foot". To assist the African mining companies to be on the front foot in the identification of critical controls on OHS risks, in partnership with the International Council on Mining and Metals (ICMM), the Chamber of Mines of South Africa would like to invite you to a workshop on Critical Control Management scheduled for the **9th of April 2015** at **Country Club Johannesburg**, from **08:00 – 14:00**.

3. Objective of the workshop

The workshop will focus on the guidance on managing critical controls that aligns risk management and good management practice. Critical Control Management is an integral part of risk management and assists in identifying priority risks in a company and implementing critical controls to prevent an incident or mitigate its impact.

The objective of the workshop is to provide advice on how to identify and manage critical controls which can either prevent a serious incident occurring in the first place or minimize the consequences if a serious incident were to occur. By participating in this workshop, the mining companies will be provided with specific guidance on:

- a) Identifying the critical controls.
- b) Assessing their adequacy.
- c) Assigning accountability for their implementation.
- d) Verifying their effectiveness in practice.

4. Structure of the workshop

The workshop will consist of 3 presentations from the ICMM, followed by Questions and Answers (Q&A):

- a) Why the focus on critical control management?
- b) What is critical control management – the process in the guide to good practice?
- c) Experience on the implementation of critical control management.
- d) Q&A.

The workshop will include delegates from the following structures:

- Association of Mine Managers of South Africa (SACMA).
- Chamber of Mines of South Africa.
- Health Policy Committee (HPC).
- International Council on Mining and Metals (ICMM).
- Mining Industry Association of Southern Africa (MIASA).
- The MOSH Learning Hub.
- Occupational Health and Safety Policy (OH&SPC).
- South African Collieries Managers Association (SACMA).

5. Critical control management technical study tour

The workshop will be followed by a technical study tour to a Chilean mine (Escondida mine), which has been identified by ICMM as a good case study that highlights the best application and management of critical controls. The study tour seeks to highlight the successes, challenges and practical realisation of critical control management as per the experiences of Escondida mine.

A flyer with a brief overview of a three-day technical study tour can be found as Appendix 1 to this circular. The technical study tour will take place from **Tuesday 21st April to Thursday, 23rd April 2015**. There will be no fee to participate in the technical study tour. However, interested participants will arrange and pay for their own flight tickets and accommodation.

Please complete the attached Workshop Registration Form (Appendix 2) confirming your attendance of the workshop and submit it to Mrs Ingeborg Fornefeld by e-mailing: ifornefeld@chamberofmines.org.za by Tuesday, **17th March 2015**.

6. Recommendations

It is recommended that the invitees:

- a) Diarise the **9th of April 2015** as the date of the ICMM-Chamber Workshop on Critical Control Management.
- b) Note that the workshop will take place at **Country Club Johannesburg** (see Appendix 3 for the map).
- c) Complete the attached Workshop Registration Form (Appendix 2) and submit it to Mrs Ingeborg Fornefeld by e-mailing: ifornefeld@chamberofmines.org.za by Tuesday, **17th March 2015**.
- d) Diarise the **21st – 23rd of April 2015** as dates of the Technical Study Tour (Chile).
- e) Confirm your participation in the Technical Study Tour as per the attached Appendix 1 by e-mailing Mark Holmes, mark.holmes@icmm.com, by Tuesday, **31st March 2015**.

DR SIZWE PHAKATHI

ACTING HEAD: SAFETY AND SUSTAINABLE DEVELOPMENT

Appendix 1: ICMM flyer with a brief overview of the technical study tour.

Appendix 2: ICMM-Chamber workshop registration form.

Appendix 3: Map to Country Club Johannesburg, Auckland Park.

Critical control management technical study tour

Tuesday 21 – Thursday 23 April 2015

Antofagasta, Escondida mine & Santiago, Chile

This tour is open to anyone from a mining company (including non-ICMM members) interested in learning about the critical control management process, the implementation of the process and the success value potential of the process.

You will first visit Escondida mine which has been identified by ICMM as a good case study that highlights the best application and management of critical controls. This will be a meeting with staff from Escondida, followed by a dinner which will also showcase the work of CREO Antofagasta – a local community initiative. The next day will be a visit to the mine to witness the practical implementation of Escondida's Material Risk Management process. Participants will then fly back to Santiago on the following morning where they will spend the rest of the day sharing and learning from Chilean mining companies on their experience and initiatives focussed on reducing fatal incidents.

Day (April)	Morning	Afternoon	Evening
Tuesday 21	Fly to Antofagasta	Meeting with Escondida staff in Antofagasta	Dinner
Wednesday 22	Escondida mine visit		
Thursday 23	Fly to Santiago	Chilean mining industry sharing experience on reducing fatal incidents	End

REGISTER

Register to attend the technical study tour by emailing Mark Holmes (mark.holmes@icmm.com) by **Tuesday, 31st March 2015**. Please provide your name, position and company.

All flights, accommodation and expenses will be at your own expense. It will be your responsibility to arrange flights and book hotel accommodation. Transport will be provided between Antofagasta and Escondida mine and a list of preferred hotels in Antofagasta will be circulated.

In order to visit Escondida, a medical assessment, visitor waiver form and other details e.g., PPE sizes, the hotel booked in Antofagasta etc., will need to be completed and submitted to ICMM by no later than **Wednesday 8th April 2015**. The forms will be sent to you as part of the confirmation of your registration.

Appendix 2



ICMM/Chamber Critical Control Management Workshop

Date: 9 April 2015

Venue: Country Club Johannesburg, Auckland Park

Time: 08:00 – 14:00

NB: Please complete and return the Workshop Registration form to Ingeborg Fornefeld by email on:

ifornefeld@chamberofmines.org.za by Tuesday, 17th March 2015.

Name of Company:		
Name of Person:		
Designation:		
Contact Details:	Cell:	Office telephone number:
Email Address:		

Appendix 3

AUCKLAND PARK - DIRECTIONS

Directions from Hillbrow: Proceed west on Empire, Under M1 Highway, Over Barry Hertzog, Right into Menton, Left into Napier, Straight into Country Club

Directions from RAU: Proceed down Kingsway, follow road left into Stanley, Left into Cedar, Left into Napier, Straight into Country Club

This map shows the area around the Country Club Johannesburg. Key roads include Beyers Naude, Campus Square, RAU, Kingsway, Cookham, Ditton, Stanley, SABC, Annet, Empire, Napier, Menton, Barry Hertzog, M1 Pretoria, Jan Smuts, and M1 Johannesburg. The Country Club is marked with a blue dot in the center.

