



## **The International Cyanide Management Code Implementation and Auditing Workshop**

The International Cyanide Management Institute (ICMI) in cooperation with the Ghana Chamber of Mines will be conducting a workshop on best practices in cyanide management, with particular focus on implementing and auditing the International Cyanide Management Code (Cyanide Code) in Accra, Ghana on October 8-9, 2024.

This one and a half-day workshop is intended to assist gold mining companies, transporters of cyanide, companies manufacturing and warehousing cyanide, and other stakeholders in their understanding of the Code's expectations for the responsible management of cyanide and instruct auditors verifying Code compliance on how to evaluate mining operations and cyanide transporters and make their findings.

The workshop will provide an opportunity for companies that have not yet become signatories to learn about the Cyanide Code first-hand, and for workshop participants to discuss in-person those issues of greatest importance to them with ICMI officials. It also will give insight into the procedural and interpretive aspects of the Cyanide Code that will prepare operations for successful audits and make Cyanide Code auditors more effective.

The Cyanide Code is focused on the safe management of cyanide by companies producing gold and/or silver and by companies producing and transporting cyanide. The Cyanide Code is intended to promote and help ensure the safe and environmentally responsible management of cyanide used within the gold and silver mining industries. Operations are assessed for compliance triennially by qualified, independent auditors. The Cyanide Code has been widely adopted across the gold sector, amongst the most established certification programs in the mining sector. The Cyanide Code is being implemented at 140 gold mines, 47 cyanide production, warehousing, and repackaging facilities and 184 transport operations in 51 countries throughout the world.

### The Workshop Program

The workshop will focus on the Cyanide Code's certification program and the practical issues associated with implementing and auditing the Cyanide Code at gold and silver mines. ICMI Senior Vice President Dr. Eric Schwamberger will discuss the intent of each of the Cyanide Code's Principles and Standards of Practice, along with the Cyanide Code's expectations for performance and the measures typically necessary to achieve that performance. Interpretive guidance will be provided on how auditors are to use their professional judgment in determining whether an operation is in compliance with the Cyanide Code. The presentation will provide participants with the critical knowledge and understanding of the Cyanide Code necessary to identify appropriate and acceptable measures to improve cyanide management and meet the Cyanide Code's performance-based goals.

Examples and insights from Cyanide Code audits will be discussed to bring focus to changes in the Code's expectations for compliance, changes in industry practices and

technology related to Code-compliance, and key issues and areas related to operational compliance.

The workshop is intended for a wide-range of stakeholders interested in the implementation and verification of the Cyanide Code. Personnel from gold mines, auditors, environmental and safety professionals, government regulatory personnel, and NGOs with interest in gold mining should all find the workshop beneficial in enhancing their understanding of this voluntary gold industry code of practice.

#### The Venue

The workshop will be held at the Alisa Hotel North Ridge, 21 Dr. Issert Street, Accra, Ghana. The hotel can be reached by telephone at +233 30 221 4233. Reservations also can be made <https://m.alisahotels.com/>.

Workshop participants are responsible for making their own arrangements for lodging.

#### Registration Fee

The registration fee for the workshop is US\$375 per person, which includes lunch on October 8. Companies registering six or more participants will receive a 10% discount.

# **Implementing & Auditing the International Cyanide Management Code**

## **I. Welcome & Introduction**

## **II. Cyanide Overview**

- a. Basic Cyanide Chemistry
- b. Effects on Human Health
- c. Behavior In the Environment

## **III. Cyanide Code Background & Overview**

- a. Development & Objectives
- b. Industry Participation & Use

## **IV. Code Auditing**

- a. Auditor Requirements & Selection of Auditors
- b. Tips for Audit Preparation, Audits, & Report Writing

## **V. Implementing & Auditing the Code at Gold Mines, Warehouse/Transloading Operations, & Transport Operations**

Detailed discussion of each Standard of Practice within the 9 Mining Principles. Discussions for each Standard of Practice will include Code Expectations, Verification, potential issues frequently noted in audit reports, and questions/answers during presentation. Discussion on expectations for warehouse/transloading terminals and transport operations will be integrated into the discussions for mining when appropriate or discussed separately.

- Principle 1 – Cyanide Purchasing
- Principle 2 – Transportation & Delivery
- Principle 3 – Handling & Storage
- Principle 4 – Operations
- Principle 5 – Decommissioning
- Principle 6 – Worker Safety
- Principle 7 – Emergency Response
- Principle 8 – Training
- Principle 9 – Public Disclosure & Dialogue

## **VI. Additional Questions & Answers**

The training will be conducted in English by Eric Schwamberger, Ph.D., Senior Vice President of the International Cyanide Management Institute (ICMI). Prior to joining the ICMI team in 2013, he was Manager, Environmental Affairs for Kinross Gold Corporation, and previously worked on the environment team at BHP. He brings thirty years of success in managing Environmental, Health & Safety programs at

mining and other industrial facilities throughout the world, including the United States, Canada, Africa, South America and the South Pacific. He has led corporate and facility programs, including Cyanide Code certification programs and ISO 14001 systems. A graduate of Purdue University, Dr. Schwamberger holds a Master of Science in Soil Science and Ph.D. in soil chemistry from the University of Kentucky.