



# ***INTERNATIONAL CYANIDE MANAGEMENT INSTITUTE***

## ***Mining Operations***

### ***Summary Audit Report Form***

#### ***For The International Cyanide Management Code***

[www.cyanidecode.org](http://www.cyanidecode.org)

**December 2016**

The International Cyanide Management Code (hereinafter “the Code”), this document, and other documents or information sources referenced at [www.cyanidecode.org](http://www.cyanidecode.org) are believed to be reliable and were prepared in good faith from information reasonably available to the drafters. However, no guarantee is made as to the accuracy or completeness of any of these other documents or information sources. No guarantee is made in connection with the application of the Code, the additional documents available or the referenced materials to prevent hazards, accidents, incidents, or injury to employees and/or members of the public at any specific site where gold or silver is extracted from ore by the cyanidation process. Compliance with this Code is not intended to and does not replace, contravene or otherwise alter the requirements of any specific national, state or local governmental statutes, laws, regulations, ordinances, or other requirements regarding the matters included herein. Compliance with this Code is entirely voluntary and is neither intended nor does it create, establish, or recognize any legally enforceable obligations or rights on the part of its signatories, supporters or any other parties.

# **SUMMARY AUDIT REPORT FOR GOLD MINING OPERATIONS**

## ***Instructions***

1. The basis for the finding and/or statement of deficiencies for each Standard of Practice should be summarized in this Summary Audit Report. This should be done in a few sentences or a paragraph.
2. The name of the mine operation, lead auditor signature and date of the audit must be inserted on the bottom of each page of this Summary Audit Report.
3. An operation that is in substantial compliance must submit a Corrective Action Plan with the Summary Audit Report.
4. The Summary Audit Report and Corrective Action Plan, if appropriate, with all required signatures must be submitted in hard copy to:

**International Cyanide Management Institute (ICMI)  
1400 I Street, NW, Suite 550  
Washington, DC 20005, USA**

5. The submittal must be accompanied by 1) a letter from the owner or authorized representative which grants the ICMI permission to post the Summary Audit Report and Corrective Action Plan, if necessary, on the Code web site, and 2) a completed Auditor Credentials Form. The lead auditor's signature on the Auditor Credentials Form must be certified by notarization or equivalent.
6. Action will not be taken on certification based on the Summary Audit Report until the application form for a Code signatory and the required fees are received by ICMI from the applicable gold mining company.
7. The description of the operations should include sufficient information to describe the scope and complexity of the gold mining operation and gold recovery process.

## SUMMARY AUDIT REPORT

Name of Mine: \_\_\_\_\_

Name of Mine Owner: \_\_\_\_\_

Name of Mine Operator: \_\_\_\_\_

Name of Responsible Manager: \_\_\_\_\_

Address: \_\_\_\_\_

State/Province: \_\_\_\_\_ Country: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_ E-Mail: \_\_\_\_\_

Location detail and description of operation:

\_\_\_\_\_  
Name of Mine

\_\_\_\_\_  
Signature of Lead Auditor

\_\_\_\_\_  
Date

# SUMMARY AUDIT REPORT

## *Auditor's Finding*

This operation is

- in full compliance
- in substantial compliance \*(see below)
- not in compliance

with the International Cyanide Management Code.

Include one of the following statements for Recertification Audit Reports:

This operation has maintained full compliance with the International Cyanide Management Code throughout the previous three-year audit cycle.

During the previous three-year audit cycle, this operation experienced non-compliance with Code requirements, significant cyanide incidents requiring notification to ICMI and/or cyanide exposures or releases that would require disclosure under Item 9.3.3 of the Mining Operations Verification Protocol. Further information and the rationale for the auditor's finding are provided under Standard of Practice \_\_\_\_\_.

\* The Corrective Action Plan to bring an operation in substantial compliance into full compliance must be enclosed with this Summary Audit Report. The plan must be fully implemented within one year of the date of this audit.

Audit Company: \_\_\_\_\_

Audit Team Leader: \_\_\_\_\_ E-mail: \_\_\_\_\_

Names and Signatures of Other Auditors: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Date(s) of Audit: \_\_\_\_\_

I attest that I meet the criteria for knowledge, experience and conflict of interest for Code Verification Audit Team Leader, established by the International Cyanide Management Institute

\_\_\_\_\_  
Name of Mine

\_\_\_\_\_  
Signature of Lead Auditor

\_\_\_\_\_  
Date

## SUMMARY AUDIT REPORT

and that all members of the audit team meet the applicable criteria established by the International Cyanide Management Institute for Code Verification Auditors.

I attest that this Summary Audit Report accurately describes the findings of the verification audit. I further attest that the verification audit was conducted in a professional manner in accordance with the International Cyanide Management Code Verification Protocol for Gold Mine Operations and using standard and accepted practices for health, safety and environmental audits.

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Name of Facility

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Signature of Lead Auditor

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Date

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Name of Mine

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Signature of Lead Auditor

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Date

# SUMMARY AUDIT REPORT

**1. PRODUCTION:** *Encourage responsible cyanide manufacturing by purchasing from manufacturers who operate in a safe and environmentally protective manner.*

Standard of Practice 1.1: *Purchase cyanide from manufacturers employing appropriate practices and procedures to limit exposure of their workforce to cyanide, and to prevent releases of cyanide to the environment.*

The operation is  in full compliance with  in substantial compliance with  not in compliance with Standard of Practice 1.1

*Summarize the basis for this Finding/Deficiencies Identified:*

**2. TRANSPORTATION:** *Protect communities and the environment during cyanide transport.*

Standard of Practice 2.1: *Establish clear lines of responsibility for safety, security, release prevention, training and emergency response in written agreements with producers, distributors and transporters.*

The operation is  in full compliance with  in substantial compliance with  not in compliance with Standard of Practice 2.1

*Summarize the basis for this Finding/Deficiencies Identified:*

Standard of Practice 2.2: *Require that cyanide transporters implement appropriate emergency response plans and capabilities and employ adequate measures for cyanide management.*

The operation is  in full compliance with  in substantial compliance with  not in compliance with Standard of Practice 2.2

*Summarize the basis for this Finding/Deficiencies Identified:*

**3. HANDLING AND STORAGE:** *Protect workers and the environment during cyanide handling and storage.*

Standard of Practice 3.1: *Design and construct unloading, storage and mixing facilities consistent with sound, accepted engineering practices, quality control/quality assurance procedures, spill prevention and spill containment measures.*

\_\_\_\_\_  
Name of Mine

\_\_\_\_\_  
Signature of Lead Auditor

\_\_\_\_\_  
Date

# SUMMARY AUDIT REPORT

The operation is  in full compliance with  
 in substantial compliance with Standard of Practice 3.1  
 not in compliance with

*Summarize the basis for this Finding/Deficiencies Identified: (Due to the sensitivity of security issues regarding storage of cyanide, no descriptions of substantial or non-compliance with this aspect of the Standard of Practice should be provided.)*

Standard of Practice 3.2: *Operate unloading, storage and mixing facilities using inspections, preventive maintenance and contingency plans to prevent or contain releases and control and respond to worker exposures.*

The operation is  in full compliance with  
 in substantial compliance with Standard of Practice 3.2  
 not in compliance with

*Summarize the basis for this Finding/Deficiencies Identified:*

#### **4. OPERATIONS: Manage cyanide process solutions and waste streams to protect human health and the environment.**

Standard of Practice 4.1: *Implement management and operating systems designed to protect human health and the environment utilizing contingency planning and inspection and preventive maintenance procedures.*

The operation is  in full compliance with  
 in substantial compliance with Standard of Practice 4.1  
 not in compliance with

*Summarize the basis for this Finding/Deficiencies Identified:*

Standard of Practice 4.2: *Introduce management and operating systems to minimize cyanide use, thereby limiting concentrations of cyanide in mill tailings.*

The operation is  in full compliance with  
 in substantial compliance with Standard of Practice 4.2  
 not in compliance with  
 not subject to

*Summarize the basis for this Finding/Deficiencies Identified:*

Standard of Practice 4.3: *Implement a comprehensive water management program to protect against unintentional releases.*

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Name of Mine

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Signature of Lead Auditor

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Date

## SUMMARY AUDIT REPORT

The operation is  in full compliance with  
 in substantial compliance with Standard of Practice 4.3  
 not in compliance with

*Summarize the basis for this Finding/Deficiencies Identified:*

Standard of Practice 4.4: *Implement measures to protect birds, other wildlife and livestock from adverse effects of cyanide process solutions.*

The operation is  in full compliance with  
 in substantial compliance with Standard of Practice 4.4  
 not in compliance with

*Summarize the basis for this Finding/Deficiencies Identified:*

Standard of Practice 4.5: *Implement measures to protect fish and wildlife from direct and indirect discharges of cyanide process solutions to surface water.*

The operation is  in full compliance with  
 in substantial compliance with Standard of Practice 4.5  
 not in compliance with

*Summarize the basis for this Finding/Deficiencies Identified:*

Standard of Practice 4.6: *Implement measures designed to manage seepage from cyanide facilities to protect the beneficial uses of ground water.*

The operation is  in full compliance with  
 in substantial compliance with Standard of Practice 4.6  
 not in compliance with

*Summarize the basis for this Finding/Deficiencies Identified*

Standard of Practice 4.7: *Provide spill prevention or containment measures for process tanks and pipelines.*

The operation is  in full compliance with  
 in substantial compliance with Standard of Practice 4.7  
 not in compliance with

*Summarize the basis for this Finding/Deficiencies Identified:*

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Name of Mine

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Signature of Lead Auditor

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Date



## SUMMARY AUDIT REPORT

Standard of Practice 4.8: *Implement quality control/quality assurance procedures to confirm that cyanide facilities are constructed according to accepted engineering standards and specifications.*

The operation is  in full compliance with  
 in substantial compliance with Standard of Practice 4.8  
 not in compliance with

*Summarize the basis for this Finding/Deficiencies Identified:*

Standard of Practice 4.9: *Implement monitoring programs to evaluate the effects of cyanide use on wildlife, surface and ground water quality.*

The operation is  in full compliance with  
 in substantial compliance with Standard of Practice 4.9  
 not in compliance with

*Summarize the basis for this Finding/Deficiencies Identified:*

**5. DECOMMISSIONING:** *Protect communities and the environment from cyanide through development and implementation of decommissioning plans for cyanide facilities*

Standard of Practice 5.1: *Plan and implement procedures for effective decommissioning of cyanide facilities to protect human health, wildlife and livestock.*

The operation is  in full compliance with  
 in substantial compliance with Standard of Practice 5.1  
 not in compliance with

*Summarize the basis for this Finding/Deficiencies Identified:*

Standard of Practice 5.2: *Establish an assurance mechanism capable of fully funding cyanide related decommissioning activities.*

The operation is  in full compliance with  
 in substantial compliance with Standard of Practice 5.2  
 not in compliance with

*Summarize the basis for this Finding/Deficiencies Identified:*

**6. WORKER SAFETY:** *Protect workers' health and safety from exposure to cyanide.*

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Name of Mine

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Signature of Lead Auditor

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Date

## SUMMARY AUDIT REPORT

Standard of Practice 6.1: *Identify potential cyanide exposure scenarios and take measures as necessary to eliminate, reduce or control them.*

The operation is  in full compliance with  
 in substantial compliance with Standard of Practice 6.1  
 not in compliance with

*Summarize the basis for this Finding/Deficiencies Identified:*

Standard of Practice 6.2: *Operate and monitor cyanide facilities to protect worker health and safety and periodically evaluate the effectiveness of health and safety measures.*

The operation is  in full compliance with  
 in substantial compliance with Standard of Practice 6.2  
 not in compliance with

*Summarize the basis for this Finding/Deficiencies Identified:*

Standard of Practice 6.3: *Develop and implement emergency response plans and procedures to respond to worker exposure to cyanide.*

The operation is  in full compliance with  
 in substantial compliance with Standard of Practice 6.3  
 not in compliance with

*Summarize the basis for this Finding/Deficiencies Identified:*

**7. EMERGENCY RESPONSE** *Protect communities and the environment through the development of emergency response strategies and capabilities.*

Standard of Practice 7.1: *Prepare detailed emergency response plans for potential cyanide releases.*

The operation is  in full compliance with  
 in substantial compliance with Standard of Practice 7.1  
 not in compliance with

*Summarize the basis for this Finding/Deficiencies Identified:*

Standard of Practice 7.2: *Involve site personnel and stakeholders in the planning process.*

in full compliance with

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Name of Mine

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Signature of Lead Auditor

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Date

## SUMMARY AUDIT REPORT

The operation is  in substantial compliance with Standard of Practice 7.2  
 not in compliance with

*Summarize the basis for this Finding/Deficiencies Identified:*

Standard of Practice 7.3: *Designate appropriate personnel and commit necessary equipment and resources for emergency response.*

The operation is  in full compliance with  
 in substantial compliance with Standard of Practice 7.3  
 not in compliance with

*Summarize the basis for this Finding/Deficiencies Identified:*

Standard of Practice 7.4: *Develop procedures for internal and external emergency notification and reporting.*

The operation is  in full compliance with  
 in substantial compliance with Standard of Practice 7.4  
 not in compliance with

*Summarize the basis for this Finding/Deficiencies Identified:*

Standard of Practice 7.5: *Incorporate into response plans and remediation measures monitoring elements that account for the additional hazards of using cyanide treatment chemicals.*

The operation is  in full compliance with  
 in substantial compliance with Standard of Practice 7.5  
 not in compliance with

*Summarize the basis for this Finding/Deficiencies Identified:*

Standard of Practice 7.6: *Periodically evaluate response procedures and capabilities and revise them as needed.*

The operation is  in full compliance with  
 in substantial compliance with Standard of Practice 7.6  
 not in compliance with

*Summarize the basis for this Finding/Deficiencies Identified:*

**8. TRAINING: Train workers and emergency response personnel to manage cyanide in a safe and environmentally protective manner.**

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Name of Mine

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Signature of Lead Auditor

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Date

## SUMMARY AUDIT REPORT

Standard of Practice 8.1: *Train workers to understand the hazards associated with cyanide use.*

The operation is  in full compliance with  
 in substantial compliance with Standard of Practice 8.1  
 not in compliance with

*Summarize the basis for this Finding/Deficiencies Identified:*

Standard of Practice 8.2: *Train appropriate personnel to operate the facility according to systems and procedures that protect human health, the community and the environment.*

The operation is  in full compliance with  
 in substantial compliance with Standard of Practice 8.2  
 not in compliance with

*Summarize the basis for this Finding/Deficiencies Identified:*

Standard of Practice 8.3: *Train appropriate workers and personnel to respond to worker exposures and environmental releases of cyanide.*

The operation is  in full compliance with  
 in substantial compliance with Standard of Practice 8.3  
 not in compliance with

*Summarize the basis for this Finding/Deficiencies Identified:*

### **9. DIALOGUE: Engage in public consultation and disclosure.**

Standard of Practice 9.1: *Provide stakeholders the opportunity to communicate issues of concern.*

The operation is  in full compliance with  
 in substantial compliance with Standard of Practice 9.1  
 not in compliance with

*Summarize the basis for this Finding/Deficiencies Identified:*

Standard of Practice 9.2: *Initiate dialogue describing cyanide management procedures and responsively address identified concerns.*

The operation is  in full compliance with  
 in substantial compliance with Standard of Practice 9.2

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Name of Mine

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Signature of Lead Auditor

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Date

## SUMMARY AUDIT REPORT

not in compliance with

*Summarize the basis for this Finding/Deficiencies Identified:*

Standard of Practice 9.3: *Make appropriate operational and environmental information regarding cyanide available to stakeholders.*

The operation is  in full compliance with  
 in substantial compliance with Standard of Practice 9.3  
 not in compliance with

*Summarize the basis for this Finding/Deficiencies Identified:*

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Name of Mine

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Signature of Lead Auditor

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Date