
FINAL COMPLETION REPORT

Gold Fields Agnew Gold Mine

Introduction

This Final Completion Report presents the evidence to support the successful implementation of the Corrective Action Plans to correct the deficiencies identified in the certification audit held from 15th – 19th September 2008 at Gold Fields Agnew Gold Mine.

Corrective Action Plan

Principle 4 – Operations: Manage cyanide process solutions and waste streams to protect human health and the environment

Operations Practice 4.7 Provide spill prevention or containment measures for process tanks and pipelines.

Deficiencies

- The existing combined secondary containment area for the mill, ILR, leach, CIP, and Elution is insufficient to contain 110% of the volume of the largest tank, as well as any piping that might drain back to the tank and additional capacity for the design storm event.
- Sections of the reagent strength pipeline from the storage area to the mill sump and the slurry lines from the residue transfer pumps to where the lines exit the culverts, under the site entry road, do not have secondary containment and are over bare soil.

Corrective Actions

- An engineering project, the Leach Tank Spill Containment Project, is in progress to refurbish and increase the capacity of the existing containment area for the mill, ILR, leach, CIP, and Elution areas.
- The Leach Tank Spill Containment project includes provision to relocate the reagent strength and slurry pipelines within a secondary containment area.

Evidence Sighted by the Auditors

- Photographic evidence was sighted which showed the completion of the Leach Tank Spill Containment Engineering Project, illustrating the refurbishment and increased capacity of containment for the mill, ILR, CIP and Elution areas.
- Photographic evidence was sighted showing the replacement of pipelines, installation of pipe racks, installation of a new concrete culvert and newly installed secondary containment of reagent strength pipelines. Slurry pipelines are now installed above competent secondary containment.

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- Sighted drawings and related calculations which illustrated that plant bund areas and secondary containment capacities meet (and exceed) Cyanide Code requirements.

Principle 5 – Decommissioning: Protect communities and the environment from cyanide through development and implementation of decommissioning plans for cyanide facilities

Decommissioning Practice 5.1 Plan and implement procedures for effective decommissioning of cyanide facilities to protect human health, wildlife and livestock

Deficiency

- Site is operating under an interim supply agreement. The final contract between CSBP/AGR and Agnew Mine is in draft form and has not been signed. Issues still to be agreed cover liability matters and decommissioning. Complex commitments need to be supported by signed contracts.

Decommissioning Practice 5.2 Establish an assurance mechanism capable of fully funding cyanide related decommissioning activities

Deficiency

- The contract between CSBP/AGR and Agnew Mine is in draft form and has not been signed. Issues still to be agreed cover liability matters and decommissioning. (Some reagent strength Cyanide facilities on site are owned by AGR).Complex commitments need to be supported by signed contracts.

Corrective Action

- Agreement on issues that may have a bearing upon Code compliance in the contract and subsequent signing by both parties of the supply contract.

Evidence sighted by Auditors

- A Final copy, signed by representatives of St Ives Gold Mining Company and Agnew Gold Mining Company and Australian Gold Reagents (AGR), of a Sodium Cyanide Solution Supply contract which includes various references to compliance with ICMI Code requirements for the production and transport of cyanide.
- Included in the Contract is clear, identified responsibility for decommissioning and demobilisation of the AGR cyanide facilities on site.

Conclusion

The Lead Auditor, following discussions within the audit team, is satisfied that the corrective actions taken, meet the requirements of the corrective action plans

and thus enable substantial compliance in these operations and production practices to be revised to Full Compliance.



Arend Hoogervorst
Lead Auditor

Date: 7th January 2010

