
FINAL COMPLETION REPORT

Harmony Evander Kinross Gold Plant

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 ICMI (International Cyanide Management Institute) recertification audit of EGM (Evander Gold Mines) Kinross Gold Plant, held from 9th – 12th March 2021.

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

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.

Deficiencies

- A finding of substantial compliance has been made, based upon the uncertainty regarding fit-for-purpose, the age of the plant and the fact that it has not been possible to undertake a Structural Mechanical and Civil Audit since 2016. It is believed that any necessary high priority work can be completed within 12 months, and the lower priority work can be built into normal ongoing maintenance activities. The auditors were concerned about some of the physical conditions during the site inspection. There was evidence of significant corrosion and deterioration.

Corrective Actions

- Complete all of the High Priority remedial work and the specific safety concerns related to the Elution Building, CIP building and tanks, and Thickener structures within a 12-month period. Also, complete the lower priority work on the Cyanide Tanks. The identified work would be done according to the recommendations from the Visual Structural Inspection Technical Report by T Dibakwane (Pr. Tech. Eng. No. 201670260), Rev. 00, dated 10th May 2021, using the AngloGold Ashanti SIMM (Structural Integrity Management Monitoring)-based prioritisation system, described in the Report.

Evidence presented to Auditors

- Follow-up Visual Inspection by T Dibakwane, Senior Civil/Structural Engineer (Pr. Eng. No 201670260) of Zimisele Engineering Consultants, referencing their previous Visual Inspection of May 2021, dated 23rd February 2022, The Report included photographs that illustrate the



- removal and replacement of corroded steelwork, replacement of fibreglass grating panels, unsafe areas isolated and closed off from access, newly erected pipe supports, repair, repainting and replacement of handrails, refurbished walkways on tanks and the Thickener, and CIL tank 1 refurbishment. The Plant reports that approximately 350 tons of steelwork as scrap metal has been removed over the last 12 months.
- Report Letter, dated 10th March 2022, on work done as a result of the Visual Structural Inspection Technical Report by T Dibakwane (Pr. Tech. Eng. No. 201670260), Rev. 00, dated 10th May 2021 by Mr G Henning, EGM Kinross Plant Engineer (Certified Engineer) in terms of Regulation 2.13.1 of the South African Mine Health and Safety Act 29 of 1996. The letter reports on the work undertaken on the Cyanide Plant, CIL, Residue System and Elution Area. The Engineer states, " ... I am confident that the Plant can be run safely without risk to employees, as required in terms of the Mines, Health and Safety Act. The areas in question CIL, Residue System and the Cyanide Plant are in the process of being repaired. Measures have been put in place to mitigate the risk that may arise, as long as the required Code of practice, Standard operating procedures and the EGM Health and Safety policies are adhered to. A planned maintenance management system is in place to address all ongoing maintenance practices and monitoring thereof..."
 - ICMI Compliance Structures Spreadsheet-based Schedule, indicating work plan and % completion for CIL Section and CIP Section, dating from March 2021 to August 2026. This includes Tank refurbishment prioritised on the NDT (Non-Destructive Testing) test of tank thicknesses.

Conclusion

The Lead Auditor, following discussions with the Technical Auditor, is satisfied that the corrective actions taken, meet the requirements of the corrective action plan and thus enable Substantial Compliance in the operations to be revised to Full Compliance.



Arend Hoogervorst
Lead Auditor

Date: 14th March 2022

