



On June 14, 2021, the Canadian Malartic Complex achieved certification with the International Cyanide Management Institute through its voluntary membership in the International Cyanide Management Code. By adhering to the Code, the Canadian Malartic Complex is able to enhance the safe management of cyanide at the mine site. The Cyanide Code focuses exclusively on the safe management of cyanide that is produced, transported and used for the recovery of gold and silver. It also includes requirements related to financial assurance, accident prevention, emergency response, training, public reporting, stakeholder involvement and auditing procedures.

## WHAT IS THE PURPOSE OF CYANIDE AT A MINE SITE?

Cyanide extracts gold and silver from ore. Cyanidation is a leaching process that involves adding a solution with a low cyanide concentration to finely ground ore in order to dissolve the silver and gold.

## HOW IS CYANIDE USED ON SITE?



Liquid cyanide (sodium cyanide solution) is delivered to our ore processing plant and stored in a large, secure outdoor tank. It is sourced from an International Cyanide Management Code-certified supplier.



The cyanide is then piped to the plant according to the various steps in the metallurgical process.



At the end of the metallurgical process, the mine tailings are treated by a detoxification process that destroys the cyanide and meets environmental requirements. The detoxified tailings are stored in our tailings accumulation area. Some of it is also returned underground as paste backfill.



## OUR MEASURES TO MINIMIZE RISKS

We have implemented several measures to ensure safe cyanide management and minimize risk to the environment, the community and its employees.

Examples include:



Minimize cyanide use in the metallurgical process



Training, monitoring and inspection programs



Signs on structures such as pipes and tanks that may contain cyanide



Strict receiving, unloading and storage procedures



Adding pink dye to sodium cyanide



Install observation wells with buried leak detectors around the plant and up to the tailings disposal site



Leak procedure and emergency measures plan



Job safety analyses and use of personal protective equipment by employees

## HAVE QUESTIONS, COMMENTS, CONCERNS?

We would like to hear from you.



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