



CYANIDE MANAGEMENT

Canadian Malartic Mine (CMM) is in the process of obtaining certification from the International Cyanide Management Institute, through its voluntary membership in the International Cyanide Management Code. Certification, which we hope to obtain by October 2020, will enable us 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 AT CMM?



Liquid cyanide (sodium cyanide solution) is delivered to CMM's 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 the tailings pond.

MEASURES PUT IN PLACE AT CMM TO MINIMIZE RISKS

CMM has 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 dye to sodium cyanide



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.



Call us at:

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Visit our Community Relations Office:

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Office Hours

Monday to Thursday: 8:30 a.m. to 4:30 p.m.

Friday : 8:30 a.m. to 12 p.m.

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