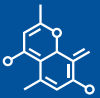


Draslovka

GlyCat™

GlyCat™ is a revolutionary new gold leaching technology from Draslovka which combines glycine (a non-toxic chemical), with sodium cyanide for the recovery of gold & other precious metals.



Reduces cyanide consumption by up to 90%



Reduces processing costs by up to 50%



Higher efficiency in the leaching process & improved recovery of some minerals



Economical gold extraction from ores with elevated soluble copper

WHAT IT IS

GlyCat™ excels at handling high cyanide consuming ores containing base metals and pyrite, because glycine acts synergistically with cyanide through smart chemistry that results in significantly less cyanide being required to leach gold and other precious metals.

As a primary reagent, glycine is environmentally friendly and can be recycled and re-used, providing a major cost advantage over and above the reduction of cyanide consumption.

DID YOU KNOW?

GlyCat™ provides substantial ESG benefits as it may eliminate the need for detoxification. This is because free and WAD cyanide levels in the leach tails are below the limits for disposal prescribed by the International Cyanide Management Code. GlyCat™ also reduces the incidence of HCN gas generated in the leaching tanks.

HOW IT WORKS

Our engagement process consists of a series of stages to guide and showcase the benefits of this new process compared to cyanidation:

DISCOVERY TESTS - sample tests are conducted at our innovation center in Australia to ensure viability of our process for your operation.

RISK REDUCTION TEST - process conditions are refined & a benefit estimate is provided. This can be done onsite, at a certified lab or at our center.

PILOT DEMONSTRATION - this can be done onsite, at a certified lab, or at our center in Australia.

TRIAL - trials are conducted at the plant (or at a large scale) to validate operational suitability.

IMPLEMENTATION - Draslovka grants a commercial user license, the technology is implemented and ongoing support is provided.

EASY IMPLEMENTATION

You can easily migrate to GlyCat™ for any existing Heap & CIL/CIP plants without major modification – it is as simple as changing the chemical blend.

This means the process implementation is low risk because the solution is easy to trial, and you can effortlessly move back to conventional cyanidation if desired.

Typically, no additional capex is required. However, should you wish to improve recycle of the glycine, a low capex requirement is needed for a thickener or filtration circuit to enhance glycine and water recovery.

About Draslovka

- Our team has 200+ years of collective experience, with extensive metallurgical expertise.
- We're trusted by the biggest mines around the world, with 95% of our customers being promoters.
- We are the largest producer of sodium cyanide in the world.
- We have presence in every continent and operate the largest distribution network in the Americas.
- We are the leading authority on cyanide production technology, with the most efficient production process in the world.
- We offer quality that consistently exceeds industry specifications, which means you get more cyanide per ton and reduced maintenance costs.
- Our technical services team are cyanide experts and ensure continual process improvements.
- We offer specialized expertise in process safety management through our product stewardship program.
- Our Innovation Centre is continuously developing breakthrough technologies to future-proof your mining operations.