



International Cyanide Code Preparation & Auditing

We have a strong reputation in mineral processing and a team of qualified professionals versed in the International Cyanide Management Code, more simply known as “The Code”. We work with site and technical service teams to assist in all aspects of The Code from design and compliance, to pre-certification gap analysis through re-certification audits.

Our team consists of certified mining operation Technical Expert Auditors for The Code with combined backgrounds in mineral processing design, operations, and auditing, with a special focus on safety considerations. Having been involved with the audit process from both the operation (client) and auditor standpoints, we are dedicated to helping sites achieve certification through an initial pre-certification analysis or a full Code-compliant audit.

Leaders in Cyanide Code Auditing

Our approach entails conducting a thorough assessment of your site, including all available records and interviews with site personnel. We delve into every facet of your operation from supply chain to metal production, identifying items that are in compliance with The Code or flagging areas that need improvement. We can also work with clients to develop action plans designed to quickly correct non-compliant items and bring the site into full

compliance. Our engineering expertise in the field of mineral processing also allows us to review designs for new, or modifications to existing, cyanide facilities, and offer suggestions to ensure compliance with The Code. Our operational expertise also allows us to assist sites in pre-audit activities including advising on reporting, management plans, health and safety plans, and other administrative aspects that are included with The Code.

Cyanide Code Auditing Services

Pre-Certification

- Gap analysis of cyanide facilities
- Gap analysis of management systems (Cyanide Management, Emergency Response, Incident Reporting, etc.)
- Review of designs for new facilities or modifications to existing facilities



- Ongoing assistance in developing systems in preparation of an audit
- Development of Cyanide Management Plans for operations

Initial and Re-certification Auditing

- Full Audit services
- Daily feedback on audit progress
- Support after audit for any corrective actions or improvements needed for compliance

Case Studies:

Agnico Eagle, Ontario, Canada

Initial and Re-certification Audits

Our personnel completed the initial certification audit for the Detour Lake mine in Ontario. Site operations included a large gold mill and tailings storage facility. We also completed the re-certification audit for the site. Detour Lake has been certified under The Code since 2020.

Nevada Gold Mines, Nevada, USA

Re-certification Audits

We completed the re-certification audits for the Phoenix Complex (Phoenix & Lone Tree) and Turquoise Ridge Complex in Nevada. Site operations included large mill facilities with cyanide leach circuits, gold heap leach pads with carbon adsorption, and tailings storage

facilities. Lone Tree and Turquoise Ridge have maintained continuous certification since 2007 and Phoenix since 2008.

Ma'aden, Kingdom of Saudi Arabia

Training and Design Review

Our team provided a detailed review of the process design for the Mansourah-Massarrah project to ensure compliance with The Code, as well as recommendations for inclusions of industry best practices for cyanide use and management. Training was also provided for the engineering staff, owner's team, and project management consultant on implementation of The Code, requirements for compliance, and recommendations for design improvements.



Group Capabilities

Tailings & Mine Waste
Long-Distance Pipelines
Mine Backfill
Mineral Processing
Mine Services
Bulk Water Supply
Dredging & Marine Pipelines
Laboratory & Test Work
Engineering Services

Contact Us

Australia

Canada

Chile

Portugal

South Africa

Spain

Sweden

United Kingdom

USA

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