



International Cyanide Management Code

Cyanide Code Preparation and Auditing

Paterson & Cooke (P&C) has 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 precertification gap analysis through recertification audits.

P&C has a team 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 precertification analysis or a full Code-compliant audit.

Agnico Eagle, Ontario, Canada

Initial and Recertification Audits

P&C personnel completed the initial certification audit for the Detour Lake mine in Ontario. Site operations included a large gold mill and tailings storage facility. P&C personnel also completed the recertification audit for the site. Detour Lake has been certified under the Code since 2020.

Nevada Gold Mines, Nevada, USA

Recertification Audits

P&C personnel completed the recertification 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

P&C personnel 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.

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-complaint 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

PreCertification

- 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 Recertification Auditing

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

Group Capabilities

- Tailings & Mine Waste
- Slurry Pipeline Systems
- Mine Backfill
- Mineral Processing
- Mine Services
- Marine Pipeline Systems
- Laboratory Services

Contact Us

AUSTRALIA

PERTH:

+61 (8) 6355 5166
Perth@PatersonCooke.com

CANADA

SUDBURY:

+1 (705) 222 1720
Sudbury@PatersonCooke.com

CHILE

SANTIAGO:

+562 3293 8300
Santiago@PatersonCooke.com

SOUTH AFRICA

CAPE TOWN:

+27 (0) 21 531 2955
CapeTown@PatersonCooke.com

JOHANNESBURG:

+27 (0) 11 258 8943
Johannesburg@PatersonCooke.com

SPAIN

MADRID:

+34 669 857 147
Madrid@PatersonCooke.com

SWEDEN

STOCKHOLM:

+46 (0) 793 361 615
Stockholm@PatersonCooke.com

UNITED KINGDOM

CORNWALL:

+44 (0) 1872 561 263
Cornwall@PatersonCooke.com

USA

DENVER:

+1 (303) 800 6280
Denver@PatersonCooke.com



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