

# RISK, INSURANCE AND SAFETY MANAGEMENT

Add value to your operation, add confidence to your investment decision



Exploration Management  
Due Diligence and Technical Reviews  
Project, Concept and Feasibility Studies  
Environmental Planning and Approvals  
Risk, Insurance and Safety Management  
Infrastructure and Project Management  
Operations Planning, Design and Scheduling  
Resource Evaluation and Geological Modelling  
Business Optimisation, Financial Modelling and Cost Reduction

# RISK, INSURANCE AND SAFETY MANAGEMENT

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Xenith delivers risk and safety management advice and services globally, including insurance assessments across mining, mineral processing and general industry. We provide detailed risk, safety and insurance management advice through a small team of professionals who have over 60 years industry experience to deliver quality and practical outcomes.

Our experienced team delivers:

## Risk Management

- Catastrophic Safety Risk Studies
- Development, evaluation and assessment of Critical Control Effectiveness
- Supporting the need for the risk and value engineering skills
- Understanding risk aggregation issues for geographical locations with different natural catastrophe exposures
- A consistent approach to site-specific risk evaluations
- Facilitation and development of Site and Corporate Risk Registers
- Development of risk management systems in new and growing mining companies
- Facilitation of risk assessment exercises using Fault Trees, HAZOP's and FMEA's (fault mode and effect analysis) for mining operations and processing plants
- Assistance in the development of maintenance programmes based on the results of FMEA exercises

- Quantitative Risk Assessment (QRA) – QRA methodologies.
- Project Cost Risk Evaluation

## Safety Management

- Benchmarking operations against best practices, including safety, risk management and insurance applications
- Safety Management Systems design and review, incorporating Safety Planning
- Development of Principle Hazard Management Plans
- Business Continuity Plans
- Incident analysis and investigation Reporting
- Auditing safety management systems
- Coaching and mentoring clients and staff.

## Insurance Management

- Providing consultancy service, advice and assessments for Insurance Management to the mining, resource and construction industry
  - Environmental surety bonds
  - Industrial Special Risk Surveys
- Coordinate on behalf of the clients the process

- of insurance bonds and general insurance programs
- Present and promote client representation to the underwriting sector
- ISR Surveys identifies and evaluates critical risks within a mining operation through a systematic review and assessment, identifying and assessing the appropriate controls with the view to reducing insurance claims and cost and improving overall safety and operational performance
- Identify and evaluate the physical risks to mining operations, equipment and property
- Quantify property damage, machinery breakdown and business interruption risks
- Identify critical spares holdings
- Evaluate the site management systems performance which have an impact on risk reduction, safety and risk management
- Recommend potential improvements
- Develop loss contingency plans
- Advise on industry best practice and prepare detailed report.



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