



UNDERGROUND REFUGE & EMERGENCY SYSTEMS
Critical life-safety systems supporting underground emergency readiness and operational resilience.

INDEPENDENT OPERATIONAL RISK INSIGHT FOR MINING INSURERS & RISK PARTNERS

Complex Operations. High-Consequence Exposures. Independent Field Perspective.

Mining risk cannot be fully understood through loss history, policies, procedures, and management reporting alone.

TRIAD provides independent field-based operational risk insight — helping insurers and risk partners understand exposure, control effectiveness, and operational resilience across surface and underground mining.



JODY MARTINEZ

FOUNDER & PRINCIPAL CONSULTANT

Independent Operational Risk Governance for Mining Insurers & Risk Partners

THE TRIAD DIFFERENCE™

- ✓ Independent, principal-led advisory
- ✓ Field-based mining operational insight
- ✓ Regulator, operator and contractor experience
- ✓ Underground and surface risk perspective

THE TRIAD PERSPECTIVE™

REGULATOR · OPERATOR · CONTRACTOR

Built on firsthand experience as a Mine Regulator, Mine Operator, and Mining Contractor.

CORE CAPABILITIES

**01
OPERATIONAL RISK ASSESSMENTS**

Evaluate significant exposures, governance systems, and control environments.

**02
CRITICAL CONTROL ASSURANCE**

Verify controls relied upon for high-consequence risks are functioning as intended.

**03
CONTRACTOR & INTERFACE RISK**

Identify exposure where responsibilities and operating systems intersect.

**04
EMERGENCY & OPERATIONAL RESILIENCE**

Evaluate preparedness, response capability, and resilience.

ADDITIONAL SUPPORT

Mining Operational Insight · Risk Engineering Support



UNDERGROUND OPERATING SYSTEMS



EMERGENCY GAS SYSTEMS
Underground emergency notification and response infrastructure.



OPERATIONAL CONTROL. DEFENSIBLE SYSTEMS.

Independent Mining Risk Insight for Insurers & Risk Partners
Schedule an Independent Mining Risk Discussion.

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