

MINING RISK MANAGEMENT

WRAC, Principal Hazard Management, Critical Controls and SHMS Assurance for Mine Sites

15+

Years in risk management

CCPS · CCV · CCO

Critical control programs

PMI-RMP · RPEQ

Risk credentials

BHP · Ampol

Trusted by

■ We're Here for You

Chi Decisions brings engineering rigour to mining risk management: developing critical controls that hold up on site, and building the assurance systems mine leadership needs to manage principal hazards with confidence. Led personally by Arthur Chivinge, Chartered Risk Engineer and RPEQ.

- Risk assessment facilitation: Workplace Risk Assessment and Control (WRAC) or Constructability Risk Assessment (CRAW)
- Mine principal hazards analysis (bowtie), monitoring and reporting
- Safety and Health Management System development and assurance
- Project fatal risk assessment facilitation
- MOC risk assessment facilitation
- Critical control performance standard development and review

■ How Others Have Benefited

- Developed Critical Control Performance Standards, Verifications and Observations for material risks at BHP Prominent Hill, embedding critical controls into governance systems.
- Developed a PDCA framework for Mine Principal Hazards at BHP Operations Services, strengthening how principal hazards were managed, monitored and reported.
- Led Project Fatal Risk and Operational Readiness Risk Assessments across BHP Coal Asset Projects, identifying material risks and critical controls before operational handover.
- Developed standards and procedures within BHP OS's Safety and Health Management System (SHMS), strengthening the framework for managing operational risk.
- Delivered WRAC and CRAW assessments across BHP Coal Asset Projects, improving control design and implementation.



■ Don't Just Take Our Word for It

"A capable, approachable and energetic risk partner. Worked with Arthur across several projects and portfolios and always delivered on what was needed from his role."

[Dane Pettett, Engineering Manager, BHP COAP]

■ The Credentials Behind It

- Chartered Engineer (Risk Engineering), EA
- RPEQ (Chemical Engineering), BPEQ
- PMI-Risk Management Professional (PMI-RMP), Project Management Institute
- Certificate in Governance and Risk Management, Governance Institute of Australia
- BEng Chemical Engineering (Hons), Curtin
- ANU-ActuarialX: Introduction to Actuarial Science, Australian National University

Got a bowtie to build or a WRAC to facilitate? **Let's talk.**



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