



## DALLIS RAYNOR

Principal Consultant – Risk

BEng (Chemical) – University of NSW  
 Engineers Australia CPEng • RMIA • RPEQ 13518  
 Accredited Lead Risk Assessment Facilitator – Rio Tinto



Dallis is a chemical engineer who works in risk management, with over 30 years’ experience in risk and opportunity analysis across the mining, oil and gas industries. He has worked with all the major mining houses, spending 14 months on a secondment with Xstrata as Manager Catastrophic Risk. During his career Dallis has also advised many government departments, the sugar industry, public utilities, rail, ports, and airports, assisting them understand and manage their risk profiles and maximise their opportunities.

He has specialised in adapting risk management tools to provide innovative solutions that minimise costs and risks and meet corporate objectives based on the outcomes of interactive risk and opportunity evaluation workshops

### Expertise

- **Risk Assessment:** Creating platforms to effectively manage risk by mastering the key concepts, tools and techniques by utilising the recommendations and concepts from ISO31000-Risk management which provides assurance that decisions are best practice and defensible
- **Operational Reviews:** Process safety root cause analysis. Monitoring, implementing and reviewing ‘Control Effectiveness’ using fault tree, bow tie, HAZOP and risk control evaluation tools
- **Business Analysis:** Reviewing business processes to identify risks and capture potential opportunities, e.g. organisational, structural, operational, logistics and assurance processes through risk assessment workshops which quantify Strengths, Weaknesses, Opportunities, and Threats
- **Strategic Review / Investment Evaluations:** Reinforcing the need to fully explore key aspects of an opportunity before proceeding using a fatal flaw analysis and a quantified SWOT analysis combined with PERT methodology
- **Due Diligence Reviews:** Analysing risk behaviour and ensure alignment with corporate objectives utilising gap analysis, desk-top compliance studies and physical audits to ensure compliance with ASX Principle 7 / Sarbanes-Oxley. Ensuring shareholder value is protected e.g. appropriate risk financing.

### Career Highlights

- **Xenith Consulting:** 24 month secondment to Rio Tinto visiting all (26) major hazard sites in nine (9) countries to determine and control catastrophic risk exposures. Also worked in Mexico with the major mining company Penoles reviewing insurance risk of their major hazard sites, and for BMA risk assessing the long wall approach to an aquifer
- **Marsh:** Involved in assessing project risk and delivering risk management platforms for the Rio Tinto, Vale Coal, Dawson Creek, Ernest Henry, McArthur River, Alumbrera, Lady Loretta, Lady Annie, Handle Bar Hill, George Fisher, and Black Star Mine Projects
- **Rio Tinto and Glencore:** Assisted both Companies in the development and introduction of the Catastrophic Risk Protocols including Fatal Flaw Analysis for new projects. Now with **Xenith** and continuing to provide process safety advice to for example Rio Tinto, BMA, Glencore, Penoles, and others
- **Worley Parsons (Evans & Peck Pty Ltd):** Provided risk advisory services to the Roy Hill project owners and financiers.

### Professional Experience

Principal Consultant – Risk	2013 – Current	Xenith Consulting Pty Ltd
Executive Consultant	2012	Evans and Peck
Deputy GM and Business Risk Consulting Practice Leader, Pacific Region, and prior roles, including secondment to MIM (Xstrata) 1999 – 2001	1985 – 2012	Marsh Risk Consulting