

Richard M Robinson

Director and Consulting Engineer, Risk & Reliability Associates (R2A Pty Ltd)

Personal Data

BE, Mechanical Engineering,
Monash University, 1974

BA, Philosophy, University of
Melbourne, 1981

Member, Society of Fire Protec-
tion Engineers, USA, 1983

Chairman, Masters of Systems
Engineering Course Advisory
Committee, RMIT, 1987-1988

Fellow, Engineers Australia,
1992

Chairman, Victoria Division,
Engineers Australia, 1993

Chairman, Course Advisory
Committee, RMIT Pilot Centre,
Point Cook, 1994-1998

Member, Independent Blasting
Audit Team, Department of
Minerals & Energy, WA (West-
ern Mining Corporation Nickel &
Gold), 1998

Past Chairman, Engineers Me-
dia (Engineers Australia Pty
Ltd), the wholly owned publish-
ing subsidiary of the Institution
of Engineers, Australia, 2001-
2004

Director, Tmesis Gallery, Mt
Eliza

Profile

Richard's primary business focus has been technical due diligence and organisational risk control, the construction of risk and reliability based models for common law and investment payback criteria, short course presentations and liability briefings, facilitating workshops and as an expert witness.

He is the principal author of *Risk & Reliability – An Introductory Text* now in its seventh edition and the Distance Education Unit, *Risk & Liability Management* administered through Engineering Education Australia and moderated by Deakin University.

Richard presents the two-day public short course on Risk & Liability Management on behalf of Engineering Education Australia.

Experience

A career risk engineer, Richard has over 30 years experience in the industry. Richard has previously been responsible for implementing major risk and reliability studies and technical due diligence reviews for large organisations including the risk review for the Office of Airspace Regulation, Civil Aviation Safety Authority, AirServices Australia, South Port NZ, Silverfern Shipping NZ, Tasports, V/Line Passenger Services, Rail Corporation NSW and the review of the performance of the Office of Gas Safety.

Recent undertakings include the development of alternate airspace collision risk models for the Civil Aviation Authority, New Zealand and the Office of Airspace Regulation Australia; strategic risk reviews for the Marina Coastal Expressway, Singapore and Tugun Bypass on the Gold Coast; due diligence reviews for rockfalls in cuttings for Railcorp NSW; hazardous atmospheres in laboratories (CSIRO); a large number of SIL (Safety Integrity Levels) allocation studies and enterprise availability studies for Melbourne Water and others. He was recently a member of the ministerial peer review panel for Eildon Reservoir.

Richard currently has a risk advisory role to the boards of the Australian Marine Pilots Association Training and Education board and Transpower, New Zealand.

Previously

Founding Director, VRJ Risk Engineers (1985 - January 1996)

Senior Risk Engineer, Gutteridge, Haskins and Davey Pty Ltd (1982-1985)

Consulting Risk Engineer and Associate, R W Browning & Associates Pty Ltd (1980-1982)

Engineer, M&M Protection Consultants, Melbourne (1977-1980)

Engineer, Factory Mutual International, Melbourne & St Louis District Office (1975-1977)