



Ten Pathways To Death and Disaster: Learning from Fatal Incidents in Mines and Other High Hazard Workplaces

by Michael Quinlan

Why do mine disasters continue to occur in wealthy countries when major mine hazards have been known for over 200 years and subject to regulation for well over a century? What lessons can be drawn from these disasters and are mine operators, regulators and others drawing the correct conclusions from such events? Why is mining significantly safer in some countries than in others? Are the underlying causes of disasters substantially different from those that result in one or two fatalities?

This book seeks to answer these questions by systematically analysing mine disasters and fatal incidents in five countries (Australia, Britain, Canada, New Zealand and the USA) since 1992. It finds that there are 10 pattern causes, which repeatedly recur in these incidents namely:

- Engineering, design and maintenance flaws
- Failure to heed warning signs,
- Flaws in risk assessment
- Flaws in management systems,
- Flaws in system auditing,
- Economic/reward pressures compromising safety,
- Failures in regulatory oversight,
- Worker/supervisor concerns that were ignored,
- Poor worker/management communication and trust, and
- Flaws in emergency and rescue procedures.

The vast majority of incidents entailed at least three of these pattern causes and many exhibited five or more. The book also demonstrates these pattern deficiencies are not confined to mining but can be identified in other workplace disasters including airplane crashes, oil-rig explosions, refinery and factory fires and shipping disasters. At the same time, the examination finds no evidence to support other popular explanations of mine safety, which focus on behaviour, culture or complex technologies. It finds that there is little to differentiate the failures that lead to single death or multiple deaths and 'disaster' studies would benefit from also examining near misses.

The book examines why pattern causes have proved so resistant to intervention by governments while also identifying instances where lessons have been learned. How, for example, do governments strike a balance between prescriptive regulation and risk management/system-based approaches? Only by understanding and modifying the political economy of safety can these problems be addressed. It concludes by proposing an agenda for change that will address pattern causes and contribute to safe and productive work environments. The book is written for those

studying OHS, mine safety and risk management as well as those involved in the management or regulation of high hazard workplaces.

Michael Quinlan

Professor of Organization and Management
University of New South Wales, Sydney, Australia

*Summary of the book: Quinlan, M. (2014). *Ten Pathways To Death And Disaster: Learning from Fatal Incidents in Mines and Other High Hazard Workplaces*. The Federation Press. ISBN 978 1 86287 977 5.

Start by marking "Ten Pathways to Death and Disaster: Learning from Fatal Incidents in Mines and Other High Hazard Workplaces" as Want to Read: Want to Read savingâ€¦ | Want to Read. Currently Reading. Read. Other editions. Enlarge cover. Want to Read savingâ€¦ | Error rating book. Refresh and try again. Rate this book. Clear rating.Â Ten Pathways to Death and Disaster: Learning from Fatal Incidents in Mines and Other High Hazard Workplaces. by Michael Quinlan. really liked it 4.00 Â Rating details. Â 1 rating Â 0 reviews.Â This book seeks to answer such questions by analysing mine disasters and fatal incidents in five countries (Australia, Britain, Canada, New Zealand and the USA) since 1992. Get A Copy. Amazon. learning from fatal accidents in mines and other high hazard workplaces. Raymond Markey. Macquarie Business School.Â Abstract. A book review of 'Ten Pathways to death and disaster : learning from fatal accidents in mines and other high hazard workplaces', by Michael Quinlan. Annandale: The Federation Press, 2014; pp. 257 + xiii. Original language. English. Pages (from-to). 761-763. Number of pages. Fatal accident, crashed the car on the highway, drivers fights and other incidents of road accident. Udinesi Cirilla. 0:08. Download Gossip: Ten Pathways to Eliminate It from Your Life and Transform Your Soul Ebook. Benzoicbendopa. 0:51. School Violence Incidents Flared In Just Ten States Last Year. Wochit. 0:58. Dunya News - Rain-related incidents claims ten lives in Punjab, KPK. Dunya News. 1:55. Ten drowned in separate incidents in Rajkot, Surat and Valsad - Tv9 Gujarati. TV9 Gujarati. 0:30. Ten killed in rain related incidents in Lahore, Faisalabad. Newsone Pk. 1:30. Dunya News - Ten die i Ham outlined the role of the workplace parties that contribute directly to the Internal Responsibility System in identifying and controlling workplace hazards that can lead to injury and illness. However, he did not describe the roles of other groups who also contribute, such as the Ministry of Labour. The Review also heard that, in practice, the IRS has been applied inconsistently within the mining sector " perhaps because of the lack of a common understanding of how the IRS should function.Â (2014). Ten Pathways to Death and Disaster: Learning from Fatal Incidents in Mines and Other High Hazard Workplaces. Sydney. The Federation Press. [20] Richard, Peter K., The Westray Story: A Predictable Path to Disaster, 1997. Previous | Next.