

# Books by Professor Andrew Hopkins

## The Human and Organisational Causes of Disasters

### Nightmare Pipeline Failures:

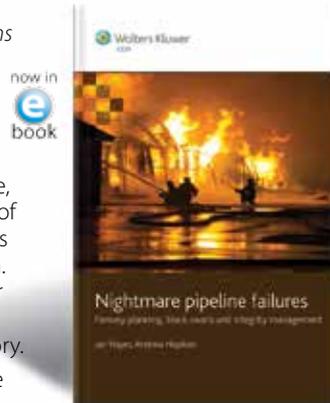
Fantasy Planning, Black Swans and Integrity Management

Authors: Jan Hayes and Andrew Hopkins

This book is about the human and organisational causes of two accidents; the catastrophic 2010 San Francisco pipeline rupture that resulted in the deaths of eight people, and the pipeline rupture in the state of Michigan that released vast quantities of oily sludge into a local river system. The clean-up cost the pipeline owner a billion dollars, making it the most expensive pipeline oil spill in US history.

The authors identify the lessons to be learned and suggest ways that such accidents can be prevented.

**About the authors:** Andrew Hopkins is Emeritus Professor of Sociology at the ANU and author of many books about major accidents. Jan Hayes is a senior research fellow at the Australian National University, funded by the Energy Pipeline Cooperative Research Centre.



### Disastrous Decisions:

The Human and Organisational Causes of the Gulf of Mexico Blowout

Author: Andrew Hopkins

Leading disaster analyst, Professor Andrew Hopkins, takes the reader into the realm of human and organisational factors that contributed to this disaster, going beyond all previous commentary on this topic. He acknowledges that it is important to know what people did, but even more important to know why they did it.

Hopkins provides a sophisticated analysis of the accident that first identifies a series of critical defences that failed and then goes on to explain why they failed.

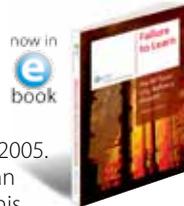
This book is an essential reference for all work, health and safety professionals.



### Failure to Learn: the BP Texas City Refinery Disaster

Author: Andrew Hopkins

Failure to Learn discusses the causes of a major explosion at the Texas City Oil Refinery on March 23, 2005. The explosion killed 15 workers and injured more than 170 others. It also analyses the similarities between this event and the Longford Gas Plant explosion in Victoria in 1998.



### Lessons from Gretley: Mindful Leadership and the Law

Author: Andrew Hopkins

This book describes the 2004/05 conviction and fining of two mine managers in NSW following the Gretley mine disaster in 1996 and discusses whether the law was unfair to these managers. It also examines the impact of the prosecution on the industry, using interviews with a small sample of mine managers.



### Learning from High Reliability Organisations

Leading Author: Andrew Hopkins

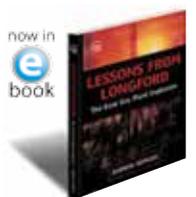
High Reliability Organisations (HROs) operate with hazardous technology, yet consistently avoid disasters. Professor Andrew Hopkins, the lead author, analyses in depth HROs including airlines, nuclear power stations and chemical processing plants. Topics covered include Identifying and Responding to Warnings, and AcciMap Analysis.



### Lessons from Longford: The Esso Gas Plant Explosion

Author: Andrew Hopkins

Professor Andrew Hopkins was an expert witness at the Royal Commission of inquiry into the Longford refinery gas explosion that resulted in the death of two workers and crippled Melbourne's gas supply for two weeks. In examining how the explosion occurred, he outlines eleven key contributory elements in the safety chain.



### Safety, Culture and Risk

Author: Andrew Hopkins

The concepts of safety, culture and risk are matters of concern and often discussed, but are often not clearly understood. This book deals with these complex issues so that organisations will be better able to create safe environments for their employees and clients, and to mitigate risk.



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### About FutureMedia

FutureMedia provides process safety training resources featuring Professor Andrew Hopkins' thought-provoking observations and proposals, from his bestselling books to his video workshops and free resources.

## Testimonial

"Making Professor Andrew Hopkins two most recent books, Failure to Learn and Disastrous Decisions available to all our employees at Spectra Energy as eBooks will help raise awareness about process safety management and build our positive process safety culture. Employees from CEO to frontline workers will learn how decisions they make, and actions they take every day, can have potentially catastrophic consequences. Most importantly, reading these books will help our employees understand how to avoid making the same mistakes as those that contributed to both the BP Texas City and the Macondo well explosions."

*Steven Lyth, Process Safety Manager, Spectra Energy*

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## Book Discussion Questions by Professor Hopkins

"...individuals will only learn the lessons of previous incidents if the organisations that they belong to understand the need for such individual learning and create the conditions under which the learning can occur. It is organisations that need to foster the kinds of storytelling from which everyone can learn."

*Andrew Hopkins, Disastrous Decisions Book 2012, pp. 121*

To this end we are offering a free set of Discussion Questions developed by Andrew Hopkins with the purpose of effective learning through book discussion groups. The questions are related to his books:

- Disastrous Decisions: The Human and Organisational Causes of the Gulf of Mexico Blowout
- Failure to Learn: the BP Texas City Refinery Disaster
- Lessons from Longford: The Esso Gas Plant Explosion

Contact us to request the complimentary Discussion Questions.

Hopkins Book Title	Item#	Unit Price*	Qty	Total
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Disastrous Decisions	CCH10	\$85.00		
Failure to Learn: BP Texas City Refinery Disaster†	CCH05	\$75.00		
Learning from High Reliability Organisations	CCH07	\$75.00		
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†Simplified Chinese version due for release 2016

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