

# The Safety Solutions Group

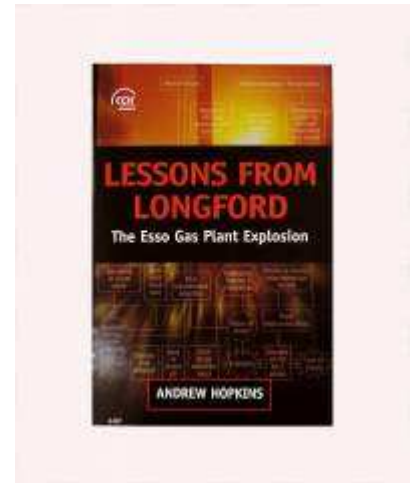
Presents a 1 Day Workshop

## PREVENTING DISASTER: *Learnings from Longford*

***In September 1998 the Esso Gas Plant at Longford near Melbourne exploded, killing two men, injuring others and cutting off Melbourne's gas supply to for two weeks.***

The workshop builds a causal diagram (an accimap), step by step, showing how these various factors inter-related. It is based on the author's book, Lessons from Longford.

Professor Andrew Hopkins' ground breaking book "Lessons from Longford: The Esso Plant Explosion" forms the basis of this workshop.



You will take away:

- A full day of entertaining information that you can use back at your workplace.
- The Participants work-book complete with Exercises/Checklists/Forms and a range of "Actions" to take back with you.
- CD with the facilitators notes, handouts & the PowerPoint presentation so that you can deliver some or all of this Workshop within your workplace.

**This workshop can be customised to meet the specific needs of your organization and can be conducted on your site or at a venue of your choice.**

### The Safety Solutions Group

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# PREVENTING DISASTER: Learnings from Longford Workshop Description

## **Background**

In September 1998 the Esso Gas Plant at Longford near Melbourne exploded, killing two men, injuring others and cutting off Melbourne's gas supply to for two weeks.

The company attributed the accident to errors by operators, but this workshop shows how those errors were induced by a series of organisational factors, among them, inadequate hazard identification by the company, the failure of the incident reporting system, which was focused exclusively on lost time injuries, poor auditing, chronic alarm flooding in the control room, inadequate change management, cost cutting, and the absence of engineers on site.

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Professor Andrew Hopkins' ground breaking book "Lessons from Longford: The Esso Plant Explosion" forms the basis of this workshop.

Professor Andrew Hopkins is considered one of the world's foremost constructive critics on Occupational Health & Safety. He has written extensively on OH&S issues, including two books Lessons from Longford and Safety, Culture and Risk. He has conducted lectures for organisations such as BHP, Shell, Conoco Phillips, the Offshore Petroleum Safety Conference, Origin Energy, Queensland Alumina, and the Australian Defence Force Academy.

He was an expert witness at the Royal Commission into the causes of the fire at Esso's gas plant at Longford in 1998 and in 2001 was an expert member of a Board of Inquiry into the poisoning of F111 maintenance workers at Amberley Air Force Base.

The Safety Solutions Group in conjunction with Futremedia and Professor Andrew Hopkins has developed this interactive training workshop, which is based on his extensive studies and research.

## **Outcomes**

- This highly interactive training program is suitable for management at all levels.
- The workshop will assist you and your organisation in assessing and uncovering potential risks and taking appropriate action.
- It's intended to allow participants to develop a detailed action plan of how to apply the "Lessons Learned" to their own organisation.
- The program is intended to alert and instruct management regarding any weaknesses in their organisation's Occupational Health & Safety System.

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# PREVENTING DISASTER: Learnings from Longford Workshop Program

## Workshop Process

The book “Lessons from Longford: The Esso Plant Explosion” presents a detailed analysis of the Longford gas explosion that resulted in the death of two workers and crippled Melbourne’s gas supply for two weeks.

The eleven key contributory elements in the safety chain are examined, and flagged in a generic way so that participants can apply the same approach to their own organisations.

The workshop is structured to provide a learning environment through listening to Professor Hopkins on short video clips as he analyses the complex interactions.

At strategic points your facilitator will then engage you in discussion and debate regarding the issues raised which will then lead to identifying actions you need to take in your organisation.

The participant’s notes provided are formatted around the dialogue of Professors Hopkins from the video and to allow you to record your response to the workshop activities.

A summary of the key points of the dialogue is provided prior to each activity.

## Content

- Introduction: Preventing Disaster – Learning from Longford
- Lesson One: Systematic Hazard Identification
- Lesson Two: Corporate Safety Function
- Lesson Three: Government Legislation
- Lesson Four: Auditing
- Lesson Five: Reporting System
- Lesson Six: Reliance on LTIFR
- Lesson Seven: Front Line technical support
- Lesson Eight: Alarm System design
- Lesson Nine: Management of change
- Lesson Ten: Communication between shifts
- Lesson Eleven: Maintenance cut backs
- Interconnection & Single Supply
- Development of Action Plans
- Conclusion

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# PREVENTING DISASTER: Learnings from Longford Workshop Presenters

## Paul Pascoe

Paul is a very Experienced and skilled provider of OHS Consultancy and Training services and has built a successful career on his knowledge and experience spanning over 27 years in this field to business, industry and governments in Australia, Canada, South East Asia, China and India.



He is a highly sought after presenter at international level having presented at numerous conferences across Australia, Canada, UK and the USA.

He combines his safety knowledge and experiences with presentation techniques he has learnt from around the world over many years to deliver highly entertaining and dynamic programs.

## Colin Parkin

Colin has extensive experienced in providing consultancy services to business and industry across Australia, South East Asia, China and Mexico.



He has extensive experience and expertise in the Development and Implementation of Corporate Safety Management Systems, Safety Programs, Training Programs.

This extends to working in partnership with various organisations in performing critical strategic reviews and modifications of existing safety management systems & utilizing principles for total safety culture.

## Richard Taylor

Richard has provided health and safety consulting, auditing, and training services to business and industry throughout Australia.



He has assisted international organisations and provided services to employers in North and South Asia and India.

Prior to establishing his own consultancy, he held the position of Principal Consultant for the National Safety Council of Australia.

Richard holds professional OH&S and education qualifications and accreditations.

## Presentations Available:

- **Risk Management:** *A Managers Guide to Risk*
- **Preventing Disaster:** *Learnings from Longford*
- **Safety, Culture and Risk:** *Creating a Mindful Organisation*
- **What Are We To Make of Safe Behaviour Programs?**
- **Let Me Entertain You:** *The Key to Delivering Effective Safety Presentations*
- **Let Me Entertain You:** *The Key to Designing Effective Safety Presentations*
- **ALL FOR ONE:** *Teamwork the Meerkat Way*
- **Are Your Meetings Dying?**

## Other Workshops Available:

- **Let Me Entertain You:** *The Key to Designing & Delivering Effective Safety Presentations (1 & 2 day Workshops)*
- **Risk Management:** *A Managers Guide to Risk (1 & 2 day workshops)*
- **Safety, Culture and Risk:** *Creating a Mindful Organisation (1 day workshop)*
- **Are Your Meetings Dying?** *(1 day workshop)*

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