Managing Major Hazards The Lessons Of The Moura Mine Disaster

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contributory factors than the actual Warden's Inquiry Report and the Coroner's Report. It is an excellent analysis of the matters which ...

Managing Major Hazards The Lessons Of The Moura Mine Disaster
Managing Major Hazards - Lessons from the Moura 2 Disaster. If you
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Managing Major Hazards: The lessons of the Moura Mine disaster.

Managing Major Hazards.: Many organisations live with hazards that have the potential to cause disaster. This was the case at Moura underground coal mine in Central Queensland, where 11 men died in an explosion in 1994.

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'Lesson 1: major accident hazards should be actively managed to allow control and reduction of risks. Control of major accident hazards requires a specific focus on process safety management over...

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Identifying hazards is the first step in managing WHS risk: Step 1 Identify hazards - Identify and find things which have the potential
to cause harm, these can include: Biological hazards - Bacteria,
viruses, animals, other humans; Chemical hazards - Hazards stemming
from any hazardous chemical; Ergonomic hazards - Repetitive movements,
incorrect posture, incorrect set up of work environment

Identify hazards in the workplace: How to identify hazards ... Buy Managing Major Hazards: The Lessons of the Moura Mine Disaster from Kogan.com. Many organisations live with hazards that have the potential to cause disaster. This was the case at Moura underground coal mine in Central Queensland, where 11 men died in an explosion in 1994.

Managing Major Hazards: The Lessons of the Moura Mine ... 5.0 out of 5 stars Keys lessons from a Queensland mine disaster Reviewed in the United States on May 31, 2008 A key case study, and one that shows the need to balance the efforts into occupational safety and managing catestrophic accidents.

Alongside the Management Regulations are a series of further regulations, most of which deal either with managing risks from broad classes of hazards like work equipment, chemicals, electricity and noise or which deal with things like workplace and welfare requirements or personal protective equipment.

Managing Safety in Schools and Colleges - RoSPA Learning lessons involves acting on: findings of accident investigations and near-miss reports organisational vulnerabilities identified during monitoring, audit and review processes Even in...

Learning lessons - Health and Safety Executive
This site aims to bring together information about mining accidents
and disasters to make it easier for current and future mining
communities to have access to the lessons of the past. In his book,
Managing Major Hazards - Lessons of the Moura Mine Disaster, Professor
Andrew Hopkins raises the issue of repeating previous accidents.

Home - Mine Accidents and Disasters

1.1 Process safety management meaning 4 1.2 Process safety leadership 5 1.3 Organisational learning 10 1.4 Management of change 14 1.5 Worker engagement 16 1.6 Competence 18 Element 2 Management of process risk 23 2.1 Establishing a process safety management system 24 2.2 Risk management techniques used within the process industries 33 2.3 ...

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EUROPA - MINERVA Home Page - European Commission ...

Running a safe, responsible and profitable business requires us to manage major hazard risks and do everything we can to prevent catastrophic events, including those involving tailings and water storage facilities, chemicals, underground mining and process safety. We identify major hazard risks (low probability, high consequence events) and manage them by verifying controls, conducting external reviews and requiring compliance with standards and procedures - such as our tailings and water ...

Health, Safety & Wellbeing - Rio Tinto
That 1980 tragedy was a grim lesson in how not understanding the risk
and not fully appreciating the role of shore management can inflict a
major catastrophe. Excluding the technical aspects of the disasters,
the similarities with regard to management failures are striking. It
is dispiriting that 30 years on, the same factors are being

LESSONS FROM THE DEEPWATER HORIZON AND MONTARA DISASTERS
Unger, F., Phuc Pham Duc, Pham Van Hung, Putthana, V., Huyen Le Thi
Thanh, Vu Thi Nga, Sinh Dang-Xuan, Grace, D. and Hung Nguyen-Viet.
2020. Managing sustainable One Health teams: Lessons from case studies
on pork safety in Laos and Vietnam. Poster presented at the virtual
edition of the 6th World ...

Examines workplace risk management in the context of a major mine disaster

Many organisations live with hazards that have the potential to cause disaster. This was the case at Moura underground coal mine in Central Queensland, where 11 men died in an explosion in 1994. Andrew Hopkins shows that the explosion was the result of organisational failure, and uses it to draw lessons about managing major hazards. He argues that there are always tell-tale signs of impending disaster, and that organisations need to find ways of gathering this information and reacting to it appropriately. The Moura story also demonstrates the need to move responsibility for risk management up the corporate hierarchy to ensure that it is not overshadowed by production pressures. Otherwise disasters will repeat themselves in horrifyingly similar ways. Managing Major Hazards is a gripping story and essential reading for occupational health and safety professionals, executives working in hazardous industries, policy makers, and readers interested in risk management and disaster studies.

Presents papers on topics: safety management, safe process design, issues from Seveso/COMAH, compliance with standards, transport and storage, chemical reactions, risk assessment and analysis, human factors and behaviour.

This book explores the challenges, opportunities, applications, and implications of applying qualitative research to critical questions of research and practice in the field of organizational risk and safety. The book brings together a diverse perspective to explore the practice of conducting qualitative research as well as to debate the quality of research and knowledge, drawing on a range of different perspectives and traditions. It offers novel and innovative developments in data collection and data analysis methods and tools that can be applied to

safety, risk, and accident analysis in complex systems. It also will present practical issues associated with data access and empirical research in challenging and high-stakes environments. This book will provide academics, researchers, students, and professionals in the fields of safety, accident analysis, and risk with a broad-range and expert guide to the key issues and debates in the field, as well as a set of exemplary cases and reflective narratives from leading researchers in the field.

Regulatory Governance and Risk Management will be the first book addressing the diffusion of risk-based governance in the coal mining industry from a health and safety standpoint. More specifically, it aims to understand a puzzling phenomenon. Since the 1990s, the approach of risk-based governance has been widely adopted in almost all developed countries in Europe and commonwealth countries. It, however, has diffused much more slowly in the U.S. Using a diffusion approach and comparisons between Australia and the U.S., this book examines mechanisms that both drive and prevent the diffusion of riskbased governance in the coal mining industry. This book has two major selling points. First, this is a timely work given the Upper Big Branch coal mine explosion occurred in April, 2010. After this disaster, many asked why an enhanced level of enforcement after 2006 has not prevented catastrophic accidents from occurring and why riskbased governance, which helps other countries achieve better safety performance, has been largely ignored in the U.S. This book answers these questions and makes recommendations on how to remove barriers in moving toward risk-based governance. Second, this book is readable because it embeds theories into storytelling and gives particular emphasis on the influence of key strategic individuals.

Drawing on extensive and detailed fieldwork within airlines-an industry that pioneered near-miss analysis- this book develops a clear set of practical implications and theoretical propositions regarding how all organizations can learn from 'near-miss' events and better manage risk and resilience.

Safety in the process industries is critical for those who work with chemicals and hazardous substances or processes. The field of loss prevention is, and continues to be, of supreme importance to countless companies, municipalities and governments around the world, and Lees' is a detailed reference to defending against hazards. Recognized as the standard work for chemical and process engineering safety professionals, it provides the most complete collection of information on the theory, practice, design elements, equipment, regulations and laws covering the field of process safety. An entire library of alternative books (and cross-referencing systems) would be needed to replace or improve upon it, but everything of importance to safety professionals, engineers and managers can be found in this all-encompassing three volume reference instead. The process safety encyclopedia, trusted worldwide for over 30 years Now available in

print and online, to aid searchability and portability Over 3,600 print pages cover the full scope of process safety and loss prevention, compiling theory, practice, standards, legislation, case studies and lessons learned in one resource as opposed to multiple sources

Improve your company's ability to avoid or manage crises Managing the Unexpected, Third Edition is a thoroughly revised text that offers an updated look at the groundbreaking ideas explored in the first and second editions. Revised to reflect events emblematic of the unique challenges that organizations have faced in recent years, including bank failures, intelligence failures, quality failures, and other organizational misfortunes, often sparked by organizational actions, this critical book focuses on why some organizations are better able to sustain high performance in the face of unanticipated change. High reliability organizations (HROs), including commercial aviation, emergency rooms, aircraft carrier flight operations, and firefighting units, are looked to as models of exceptional organizational preparedness. This essential text explains the development of unexpected events and guides you in improving your organization for more reliable performance. "Expect the unexpected" is a popular mantra for a reason: it's rooted in experience. Since the dawn of civilization, organizations have been rocked by natural disasters, civil unrest, international conflict, and other unexpected crises that impact their ability to function. Understanding how to maintain function when catastrophe strikes is key to keeping your organization afloat. Explore the many different kinds of unexpected events that your organization may face Consider updated case studies and research Discuss how highly reliable organizations are able to maintain control during unexpected events Discover tactics that may bolster your organization's ability to face the unexpected with confidence Managing the Unexpected, Third Edition offers updated, valuable content to professionals who want to strengthen the preparedness of their organizations-and confidently face unexpected challenges.

Situations and systems are easier to change than the human condition - particularly when people are well-trained and well-motivated, as they usually are in maintenance organisations. This is a down-to-earth practitioner's guide to managing maintenance error, written in Dr. Reason's highly readable style. It deals with human risks generally and the special human performance problems arising in maintenance, as well as providing an engineer's guide for their understanding and the solution. After reviewing the types of error and violation and the conditions that provoke them, the author sets out the broader picture, illustrated by examples of three system failures. Central to the book is a comprehensive review of error management, followed by chapters on:- managing person, the task and the team; - the workplace and the organization; - creating a safe culture; It is then rounded off and brought together, in such a way as to be readily applicable for those who can make it work, to achieve a greater and more consistent level

of safety in maintenance activities. The readership will include maintenance engineering staff and safety officers and all those in responsible roles in critical and systems-reliant environments, including transportation, nuclear and conventional power, extractive and other chemical processing and manufacturing industries and medicine.

Anticipating risks has become an obsession of the early twenty-first century. Private and public sector organisations increasingly devote resources to risk prevention and contingency planning to manage risk events should they occur. This 2010 book shows how we can organise our social, organisational and regulatory policy systems to cope better with the array of local and transnational risks we regularly encounter. Contributors from a range of disciplines - including finance, history, law, management, political science, social psychology, sociology and disaster studies - consider threats, vulnerabilities and insecurities alongside social and organisational sources of resilience and security. These issues are introduced and discussed through a fascinating and diverse set of topics, including myxomatosis, the 2012 Olympic Games, gene therapy and the financial crisis. This is an important book for academics and policy makers who wish to understand the dilemmas generated in the anticipation and management of risks.

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