Rethinking Bhopal

Description:
Rethinking Bhopal: A Definitive Guide to Investigating, Preventing, and Learning from Industrial Disasters is the go-to source for anyone seeking to learn how to improve process safety management (PSM) through applying fundamental asset reliability and incident investigation concepts.

The seeds that unified PSM on a global scale were planted in Bhopal, India on December 3, 1984. Since then, considerable progress has been made to protect both workers and communities from catastrophic industrial failures. Industry acknowledges its responsibility to create value with accrued operating experience and that using information received from previous failures is a direct way to prevent future incidents. With this principle in mind, Bloch evaluates modern references related to the Bhopal Disaster, using recognized industrial asset reliability and incident investigation concepts.

The practice of objective incident investigation offers a compelling insight into specific decisions and actions that resulted in history's worst industrial disaster. Recording a fully transparent sequence of events promotes a personal sense of accountability for anyone involved in the manufacturing industry. Lessons learned can be immediately implemented by those with direct PSM, management, engineering, and operating responsibilities. Case histories demonstrate how patterns observed in the timeline leading up to the Bhopal Disaster can be detected in modern incidents and by recognizing these patterns in present-day processes avoids counterproductive operating decisions and unprecedented destruction.

This text is instrumental in helping existing organizations re-evaluate their own exposures and risks, and would be a valuable read for any member of a process safety management team. Rethinking Bhopal: A Definitive Guide to Investigating, Preventing, and Learning from Industrial Disasters provides an expansion of knowledge and understanding for the novice in PSM while also providing depth and application considerations to challenge more experienced industry professionals. Note: All royalties from this book go to the Process Safety Heritage Trust Scholarship at Lamar University in Beaumont, Texas, USA.

- Learn how to improve Process Safety Management (PSM) performance by applying fundamental asset reliability and incident investigation concepts
- Understand your personal role in detecting and preventing Loss of Primary Containment (LOPC) incidents before they occur
- Take immediate action to stabilize processes under your control while promoting a systematic approach to eliminating persistent failure mechanisms
- Includes case histories to helpfully illustrate how to detect potentially destructive patterns in your own organization

Contents:
Part 1: Process Reliability
Chapter 1: Industrial Learning Processes
Chapter 2: Equipment Reliability Principles
Chapter 3: Incident Investigation
Chapter 4: Role Statement
Chapter 5: Spent Caustic Tank Explosion: A Case Study in Inherently Safer Design

Part 2: Research and Development
Chapter 6: Inventing Solutions
Chapter 7: Product Manufacturing and Distribution
Chapter 8: Process Selection
Chapter 9: Industry Compliance
Chapter 10: Production Commitments
Part 3: Process Configuration
Chapter 11: Licensing
Chapter 12: Factory Construction
Chapter 13: Process Hazard Awareness and Analysis
Chapter 14: Commissioning Phase
Chapter 15: Repeat Mechanical Seal Failures: A Case Study in Pump Reliability Improvement
Part 4: Operations and Production
Chapter 16: Management of Change
Chapter 17: Process Isolation and Containment
Chapter 18: Employee Participation
Chapter 19: Compliance Audits
Chapter 20: Process Optimization
Chapter 21: Maintenance Failure
Chapter 22: Human Error
Part 5: Lessons Learned
Chapter 23: Crude Unit Fire: A Case Study in Human Error
Chapter 24: Reliability Commitment

Ordering:

Order Online - [http://www.researchandmarkets.com/reports/3627088/](http://www.researchandmarkets.com/reports/3627088/)
Order by Fax - using the form below
Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct.

Product Name: Rethinking Bhopal
Web Address: http://www.researchandmarkets.com/reports/3627088/
Office Code: SCH3W9PW

Product Format
Please select the product format and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hard Copy (Paper back):</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>USD 84 + USD 29 Shipping/Handling</td>
</tr>
</tbody>
</table>

* Shipping/Handling is only charged once per order.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: [ ] Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof
First Name: __________________________ Last Name: __________________________
Email Address: * __________________________
Job Title: __________________________
Organisation: __________________________
Address: __________________________
City: __________________________
Postal / Zip Code: __________________________
Country: __________________________
Phone Number: __________________________
Fax Number: __________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: _______________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World