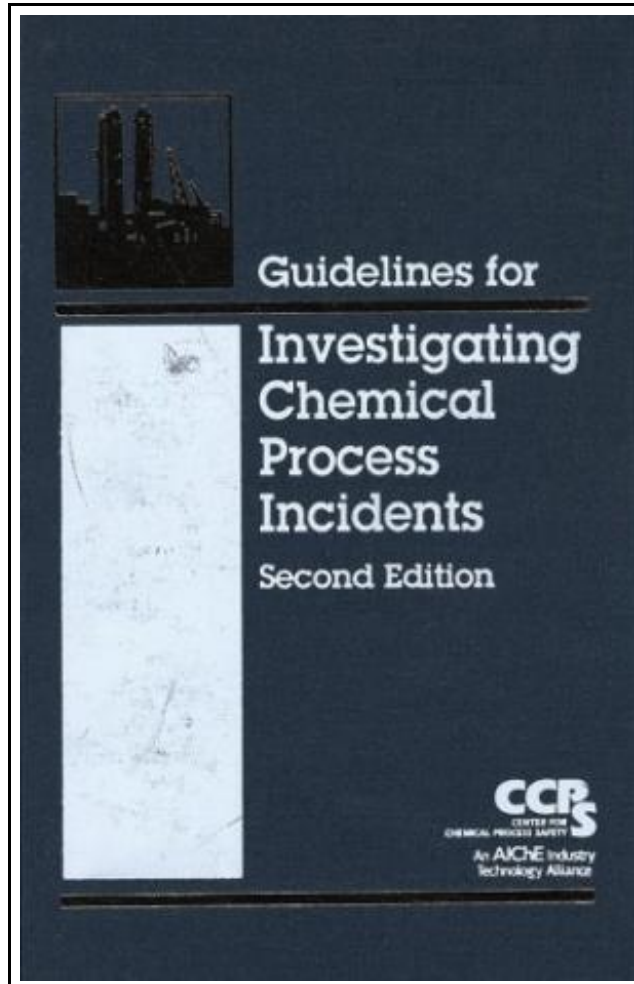


Guidelines for Investigating Chemical Process Incidents



Filesize: 6.91 MB

Reviews

This publication is fantastic. It is one of the most amazing publication i have got study. I am just pleased to explain how this is actually the best pdf i have got read through in my individual lifestyle and could be he finest publication for possibly.

(Mr. Kristoffer Hills)

GUIDELINES FOR INVESTIGATING CHEMICAL PROCESS INCIDENTS



Wiley-AIChE, 2003. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Preface.Acknowledgments.1. Introduction.1.1 Building on the Past.1.2 Who Should Read This Book? 1.3 The Guideline's Objectives.1.4 The Continuing Evolution of Incident Investigation.2. Designing an Incident Investigation Management System.2.1 Preplanning Considerations.2.1.1 An Organization's Responsibilities.2.1.2 The Benefit of Management's Commitment.2.1.3 The Role of the Developers.2.1.4 Integration with Other Functions and Teams.2.1.5 Regulatory and Legal Issues.2.2 Typical Management System Topics.2.2.1 Classifying Incidents.2.2.2 Other Options for Establishing Classification Criteria.2.2.3 Specifying Documentation.2.2.4 Describing Team Organization and Functions.2.2.5 Setting Training Requirements.2.2.6 Emphasizing Root Causes.2.2.7 Developing Recommendations.2.2.8 Fostering a Blame-Free Policy.2.2.9 Implementing the Recommendations and Follow-Up Activities.2.2.10 Resuming Normal Operation and Establishing Restart Criteria.2.2.11 Providing a Template for Formal Reports.2.2.12 Review and Approval.2.2.13 Planning for Continuous Improvement.2.3 Implementing the Management System.2.3.1 Initial Implementation-Training.2.3.2 Initial Implementation-Data Management System.References.3. An Overview of Incident Causation Theories.3.1 Stages of a Process-Related Incident.3.1.1 Three Phases of Process-Related Incidents.3.1.2 The Importance of Latent Failures.3.2 Theories of Incident Causation.3.2.1 Domino Theory of Causation.3.2.2 System Theory.3.2.3 Hazard-Barrier-Target Theory.3.3 Investigation's Place in Controlling Risk.3.4 Relationship between Near Misses and Incidents.Endnotes.4. An Overview of Investigation Methodologies.4.1 Historical Approach.4.2 Modern Structured Approach.4.3 Methodologies Used by CCPS Members.4.4 Description of Tools.4.4.1 Brainstorming.4.4.2 Timelines.4.4.3 Sequence Diagrams.4.4.4 Causal Factor Identification.4.4.5 Checklists.4.4.6 Predefined Trees.4.4.7 Team-Developed Logic Trees.4.5 Selecting an Appropriate Methodology.Endnotes.5. Reporting and Investigating Near Misses.5.1 Defining a Near Miss.5.2 Obstacle to Near Miss Reporting and Recommended Solutions.5.2.1 Fear of Disciplinary Action.5.2.2 Fear of Embarrassment.5.2.3 Lack of Understanding: Near Miss versus Nonincident.5.2.4 Lack of Management Commitment and Follow-through.5.2.5 High Level of Effort to Report and Investigate.5.2.6 Disincentives for Reporting Near Misses.5.2.7 Not Knowing Which Investigation System to Use.5.3 Legal Aspects.Endnotes.6. The Impact of Human Factors.6.1 Defining Human Factors.6.2 Human Factors Concepts.6.2.1 Skills-Rules-Knowledge Model.6.2.2 Human Behavior.6.3 Incorporating Human Factors into the Incident Investigation Process.6.3.1 Finding the Causes.6.4 How an...



[Read Guidelines for Investigating Chemical Process Incidents Online](#)

[Download PDF Guidelines for Investigating Chemical Process Incidents](#)

Related Books



Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)

HarperCollins, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Foreword by Raph Koster. Introduction. I. EXECUTIVE CONSIDERATIONS. 1. The Market. Do We Enter the Market? Basic Considerations. How...

[Save ePub »](#)



Star Flights Bedtime Spaceship: Journey Through Space While Drifting Off to Sleep

CreateSpace Independent Publishing Platform, 2013. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: "Star Flights Bedtime Spaceship" is a charming and fun story with the purpose to help children...

[Save ePub »](#)



The Web Collection Revealed, Premium Edition: Adobe Dreamweaver CS6, Flash CS6, and Photoshop CS6 (Stay Current with Adobe Creative Cloud)

Cengage Learning, 2012. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: You can now maximize and integrate the design and development power of Adobe Creative Suite 6 with WEB...

[Save ePub »](#)



Maisy's Christmas Tree

Candlewick, 2014. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: The final scene of the gang caroling around the tree, complete with paper crowns from British Christmas crackers, is...

[Save ePub »](#)



Spectrum Reading for Theme and Details in Literature, Grade 4

Spectrum, United States, 2015. Paperback. Book Condition: New. 269 x 208 mm. Language: English . Brand New Book. Spectrum(R) Reading for Theme and Details in Literature teaches and reinforces the essential reading comprehension skills your...

[Save ePub »](#)

**Scala in Depth**

Manning Publications. Paperback. Book Condition: New. Paperback. 304 pages. Dimensions: 9.2in. x 7.3in. x 0.8in. Summary Scala in Depth is a unique new book designed to help you integrate Scala effectively into your development process. By

[Save Document »](#)

**Slavonic Rhapsody in A-Flat Major, B.86.3: Study Score**

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 297 x 210 mm. Language: English . Brand New Book ***** Print on Demand *****.Dvorak s final Slovanske rapsodie was composed from around September 20

[Save Document »](#)

**Anna's Fight for Hope: The Great Depression 1931 (Sisters in Time Series 20)**

Barbour Publishing, Inc., 2004. Paperback. Book Condition: New. No Jacket. New paperback book copy of Anna's Fight for Hope: The Great Depression 1931 (Sisters in Time Series 20). Publisher recommended for ages 8 to 12

[Save Document »](#)

**Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 6: Gran s New Blue Shoes (Hardback)**

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 172 x 142 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling home reading series. It

[Save Document »](#)

**Davenport s Maryland Wills and Estate Planning Legal Forms**

Createspace, United States, 2015. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.This book written by attorneys and published by Davenport Press provides a quick

[Save Document »](#)