



Guidelines for Investigating Chemical Process Incidents

By Center for Chemical Process Safety (CCPS)

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

Reviews

A top quality publication as well as the font utilized was fascinating to read. It is among the most incredible pdf i actually have read through. I am easily could get a pleasure of looking at a created publication.

-- **Scot Howe**

Comprehensive guideline! Its this sort of good read. It is actually writter in simple terms and never hard to understand. Its been developed in an exceedingly simple way which is just after i finished reading through this ebook where actually changed me, modify the way in my opinion.

-- **Mabelle Wuckert**