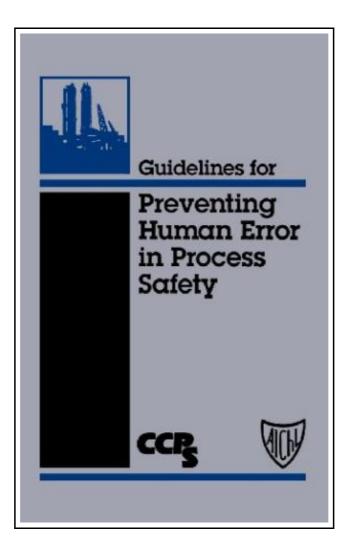
Guidelines for Preventing Human Error in Process Safety



Filesize: 6.47 MB

Reviews

The book is fantastic and great. It is filled with wisdom and knowledge I am just easily will get a enjoyment of looking at a composed publication. (Bradley Hahn)

GUIDELINES FOR PREVENTING HUMAN ERROR IN PROCESS SAFETY



Wiley-AIChE, 2004. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: List of Figures and Tables.Preface.Glossary and Acronyms.1. Introduction: The Role of Human Error in Chemical Process Safety.1.1 Introduction.1.2 The Role of Human Error in System Accidents.1.3 Why Is Human Error Neglected in the CPI?1.4 Benefits of Improved Human Performance.1.5 The Traditional and Systeminduced Error Approach.1.6 A Demand-Resource Mismatch View of Error.1.7 A Case Study Illustrating the System-Induced Error Approach.1.8 From Theory to Practice.1.9 Appendix Case Studies.2. Understanding Human Performance and Error.2.1 Purpose of the Chapter.2.2 Concepts of Human Error.2.3 An Overview of the Four Perspective on Human Error.2.4 The Traditional Safety Engineering Approach to Accidents and Human Error.2.5 The Human Factors Engineering and Ergonomics Approach (HF/E).2.6 The Cognitive Engineering Perspective.2.7 The Sociotechnical Perspective.2.8 Summary.2.9 Appendix 2A. Process Plant Example of the Stepladder Model.2.10 Appendix 2B. Flowcharts for Using the Rasmussen Sequential Model for Incident Analysis (Petersen, 1985).2.11 Appendix 2C. Case Study Illustrating the Use of the Sequential Model.3. Factors Affecting Human Performance in the Chemical Industry.3.1 Introduction.3.2 Applications of Performance-Influencing Factors.3.3 A Classification Structure for Performance-Influencing Factors.3.4 Operating Environment.3.5 Task Characteristics.3.6 Operator Characteristics.3.7 Organizational and Social Factors.3.8 Interaction of Performance-Influencing Factors.3.9 Variability of Human Performance during Normal and Emergency Situations.3.10 Summary.4. Analytical Methods for Predicting and Reducing Human Error.4.1 Introduction.4.2 Data Acquisition Techniques.4.3 Task Analysis.4.4 Human Error Analysis Techniques.4.5 Ergonomics Checklists.4.6 Summary.5. Qualitative and Quantitative Prediction of Human Error in Risk Assessment.5.1 Introduction.5.2 The Role of Human Reliability in Risk Assessment.5.3 System for Predictive Error Analysis and Reduction (SPEAR).5.4 Critical Task Identification and Screening Analysis.5.5 Qualitative Human Error Analysis.5.6 Representation.5.7 Quantification.5.8 Summary.5.9 Appendix 5A. Influence Diagram Calculations.6. Data Collection and Incident Analysis Methods.6.1 Introduction.6.2 An Overview of Data Collection Systems.6.3 Types of Data Collection Systems.6.4 Organizational and Cultural Aspects of Data Collection.6.5 Types of...

Read Guidelines for Preventing Human Error in Process Safety Online
Download PDF Guidelines for Preventing Human Error in Process Safety

Other 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... Read Document »

 \rightarrow

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... Read Document »



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... Read Document »



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... Read Document »



Spectrum Reading for Theme and Details in Literature, Grade 4 (Paperback)

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... Read Document »

Harts Desire Book 2.5 La Fleur de Love Cajunflair Publishing. Paperback. Book Condition: New. Paperback. 112 pages. Dimensions: 8.0in. x 5.0in. x 0.3in.Its late 1974, and high school student, Melinda Dawson is in serious trouble. Within two hours of revealing her suspected pregnancy Save Document »
Read Write Inc. Phonics: Blue Set 6 Non-Fiction 5 at the Seaside (Paperback) Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 207 x 102 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books Save Document »
TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2) (Chinese Edition) paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the Save Document »
Read Write Inc. Phonics: Yellow Set 5 Non-Fiction 3 Fun at the Fair (Paperback) Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 207 x 170 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books Save Document »
Short Stories Collection II: Just for Kids Ages 4 to 8 Years Old 2013. PAP. Book Condition: New. New Book. Delivered from our UK warehouse in 3 to 5 business days. THIS BOOK IS PRINTED ON DEMAND. Established seller since 2000. Save Document »