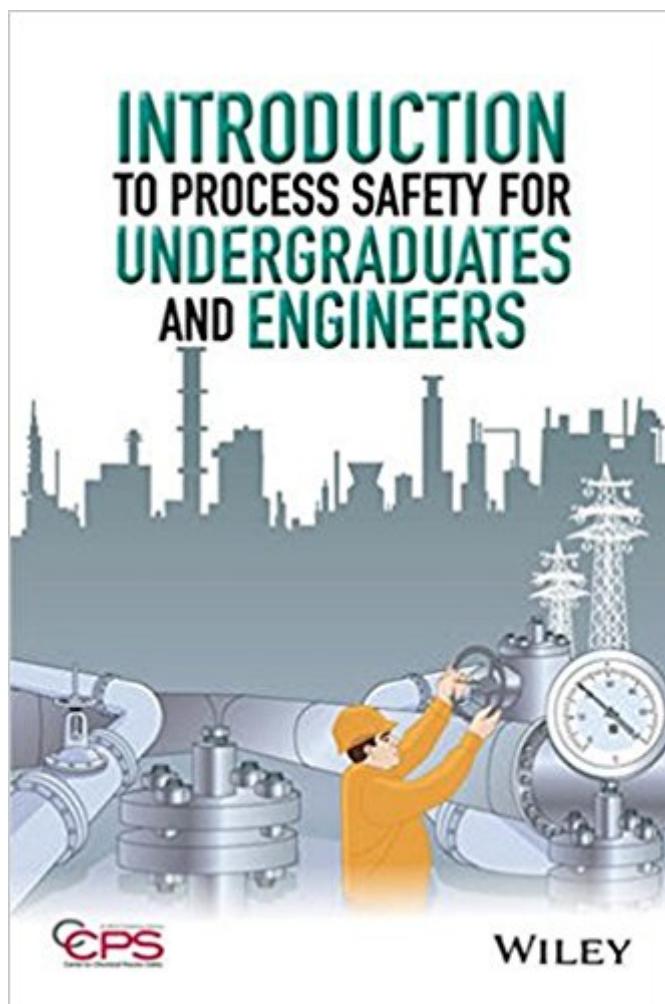


The book was found

Introduction To Process Safety For Undergraduates And Engineers



Synopsis

Familiarizes the student or an engineer new to process safety with the concept of process safety management Serves as a comprehensive reference for Process Safety topics for student chemical engineers and newly graduate engineers Acts as a reference material for either a stand-alone process safety course or as supplemental materials for existing curricula Includes the evaluation of SACHE courses for application of process safety principles throughout the standard Ch.E. curricula in addition to, or as an alternative to, adding a new specific process safety course Gives examples of process safety in design

Book Information

Hardcover: 304 pages

Publisher: Wiley-AIChE; 1 edition (June 27, 2016)

Language: English

ISBN-10: 1118949501

ISBN-13: 978-1118949504

Product Dimensions: 6.3 x 1 x 9.3 inches

Shipping Weight: 1.5 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,374,374 in Books (See Top 100 in Books) #64 in Books > Engineering & Transportation > Engineering > Chemical > Plant Design #525 in Books > Science & Math > Chemistry > Industrial & Technical #840 in Books > Textbooks > Engineering > Chemical Engineering

Customer Reviews

Familiarizes the student or an engineer new to process safety with the concept of process safety management Process Safety should be introduced to chemical engineering students and newly graduate engineers to make them effective in their future chemical engineering career. Many student engineers do not have the necessary knowledge of process safety to adequately address process safety concerns and this book fills this need providing a reference for many aspects of chemical process safety. Introduction to Process Safety for Undergraduates and Engineers provides guidance to student chemical engineers and newly graduated engineers to the role of process safety plays in process plants. Introduction to Process Safety for Undergraduates and Engineers familiarizes readers new to process safety with: The concept of process safety management (PSM) The 20 elements of process safety defined by the Center for Chemical Process

Safety (CCPS) The need for process safety as illustrated by examples of major process safety incidents that have occurred Process safety tasks for other engineering disciplines Process safety concerns with some selected unit operations Aspects of process safety that have a direct tie-in to existing chemical engineering curricula Tasks that can be expected of an engineer new to process safety with respect to process safety in their first few years on the job. While other texts exist covering the technical aspects of process safety for students there are no textbooks that cover the concepts of process safety management and the need for process safety for students. The CCPS Technical Steering Committee initiated the creation of this book to assist colleges and universities in meeting this challenge and to aid Chemical Engineering programs in meeting recent accreditation requirements for including process safety into the chemical engineering curricula. Graduate level Chemical Engineering students and engineers new to process safety will find this a valuable resource to understand the concepts of process safety management.

Since 1985, the Center for Chemical Process Safety (CCPS) has been the global leader in developing and disseminating information on process safety management and technology. CCPS, an industry technology alliance of the American Institute of Chemical Engineers (AIChE), has published over 100 books in its process safety guidelines and process safety concepts series, and over 100 training modules through its Safety in Chemical Engineering Education (SACHE) series.

[Download to continue reading...](#)

Introduction to Process Safety for Undergraduates and Engineers Fullpower Safety Comics: People Safety Skills for Teens and Adults (Kidpower Safety Comics) Kidpower Youth Safety Comics: People Safety Skills For Kids Ages 9-14 (Kidpower Safety Comics) Legal Research and Writing for Undergraduates Frames for Undergraduates (Student Mathematical Library) IEC 61511-1 Ed. 1.0 b:2003, Functional safety - Safety instrumented systems for the process industry sector - Part 1: Framework, definitions, system, hardware and software requirements Practical Guide to Industrial Safety: Methods for Process Safety Professionals Physics for Scientists and Engineers: Vol. 2: Electricity and Magnetism, Light (Physics, for Scientists & Engineers, Chapters 22-35) Camping With the Corps of Engineers: The Complete Guide to Campgrounds Built and Operated by the U.S. Army Corps of Engineers (Wright Guides) Physics for Scientists and Engineers with Modern Physics: Volume II (3rd Edition) (Physics for Scientists & Engineers) The Wright Guide to Camping With the Corps of Engineers: The Complete Guide to Campgrounds Built and Operated by the U.S. Army Corps of Engineers (Wright Guides) Tiny House Engineers Notebook: Volume 1, Off Grid Power: Tiny House Engineers Notebook: Volume 1, Off Grid Power Occupational Safety and Health

for Technologists, Engineers, and Managers (8th Edition) Safety and Health for Engineers
Facebook Safety and Privacy (21st Century Safety and Privacy) Guns Danger & Safety 2nd Edition:
An Essential Guide In Firearm Ammunition, Loading, Shooting, Storage and Safety (Guns, Guns &
Ammo, Ammunition, Hunting, ... Loading, Targets, Handguns, Gun Storage) ISO 16156:2004,
Machine-tools safety - Safety requirements for the design and construction of work holding chucks
IEC 61508-7 Ed. 1.0 b:2000, Functional safety of electrical/electronic/programmable electronic
safety-related systems - Part 7: Overview of techniques and measures Signs of Safety: A Solution
and Safety Oriented Approach to Child Protection Casework Safety Metrics: Tools and Techniques
for Measuring Safety Performance

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)