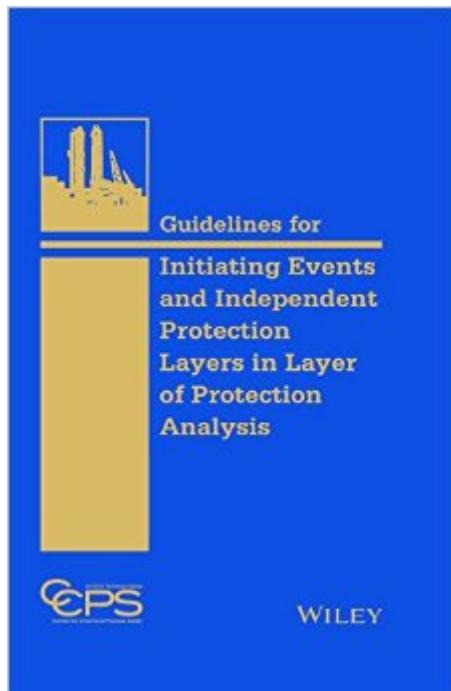


The book was found

Guidelines For Initiating Events And Independent Protection Layers In Layer Of Protection Analysis



Synopsis

The book is a guide for Layers of Protection Analysis (LOPA) practitioners. It explains the onion skin model and in particular, how it relates to the use of LOPA and the need for non-safety instrumented independent protection layers. It provides specific guidance on Independent Protection Layers (IPLs) that are not Safety Instrumented Systems (SIS). Using the LOPA methodology, companies typically take credit for risk reductions accomplished through non-SIS alternatives; i.e. administrative procedures, equipment design, etc. It addresses issues such as how to ensure the effectiveness and maintain reliability for administrative controls or inherently safer, passive concepts. This book will address how the fields of Human Reliability Analysis, Fault Tree Analysis, Inherent Safety, Audits and Assessments, Maintenance, and Emergency Response relate to LOPA and SIS. The book will separate IPLs into categories such as the following: Inherent Safety eliminates a scenario or fundamentally reduces a hazard. Preventive/Proactive prevents initiating event from occurring such as enhanced maintenance. Preventive/Active stops chain of events after initiating event occurs but before an incident has occurred such as high level in a tank shutting off the pump. Mitigation (active or passive) minimizes impact once an incident has occurred such as closing block valves once LEL is detected in the dike (active) or the dike preventing contamination of groundwater (passive).

Book Information

Hardcover: 384 pages

Publisher: Wiley-AIChE; 1 edition (December 31, 2014)

Language: English

ISBN-10: 0470343850

ISBN-13: 978-0470343852

Product Dimensions: 6.4 x 1 x 9.6 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: 4.7 out of 5 stars (See all reviews) (3 customer reviews)

Best Sellers Rank: #230,968 in Books (See Top 100 in Books) #4 in Books > Science & Math > Chemistry > Safety #67 in Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Health & Safety #98 in Books > Textbooks > Engineering > Chemical Engineering

Customer Reviews

All was received in good condition and as expected.

Great book, a must buy.

Good guideline for LOPA

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

Guidelines for Initiating Events and Independent Protection Layers in Layer of Protection Analysis
The Independent Filmmaker's Law and Business Guide: Financing, Shooting, and Distributing Independent and Digital Films
The Constitutional Common-Law Trust : Liability Protection Asset Protection Income Protection
World War 1: World War I in 50 Events: From the Very Beginning to the Fall of the Central Powers (War Books, World War 1 Books, War History) (History in 50 Events Series)
World War 2: World War II in 50 Events: From the Very Beginning to the Fall of the Axis Powers (War Books, World War 2 Books, War History) (History in 50 Events Series Book 4)
Vietnam War: The Vietnam War in 50 Events: From the First Indochina War to the Fall of Saigon (War Books, Vietnam War Books, War History) (History in 50 Events Series Book 6)
History: Human History in 50 Events: From Ancient Civilizations to Modern Times (World History, History Books, People History) (History in 50 Events Series Book 1)
History: British History in 50 Events: From First Immigration to Modern Empire (English History, History Books, British History Textbook) (History in 50 Events Series Book 11)
Initiating And Sustaining The Clinical Nurse Leader Role: A Practical Guide
Coastal Bottom Boundary Layers and Sediment Transport (Advanced Series on Ocean Engineering (Paperback))
Layers of Time: A History of Ethiopia
Electrical Double Layers in Biology
Plant Drug Analysis: A Thin Layer Chromatography Atlas
The Use of Pressure-relieving Devices (Beds, Mattresses and Overlays) for the Prevention of Pressure Ulcers in Primary and Secondary Care: Guidelines Commissioned ... Excellence (Clinical Practice Guidelines)
Guidelines for Microsoft Office 2013 (Guidelines Series)
A Man Called Ove: A Novel by Fredrik Backman: Unofficial & Independent Summary & Analysis
Rogue Lawyer, by John Grisham | Unofficial & Independent Summary & Analysis
Brotherhood in Death: In Death Series by J. D. Robb: Unofficial & Independent Summary & Analysis
Nematode Pathogenesis of Insects and Other Pests: Ecology and Applied Technologies for Sustainable Plant and Crop Protection (Sustainability in Plant and Crop Protection)
The Fine Art of Executive Protection: Handbook for the Executive Protection Officer

[Dmca](#)