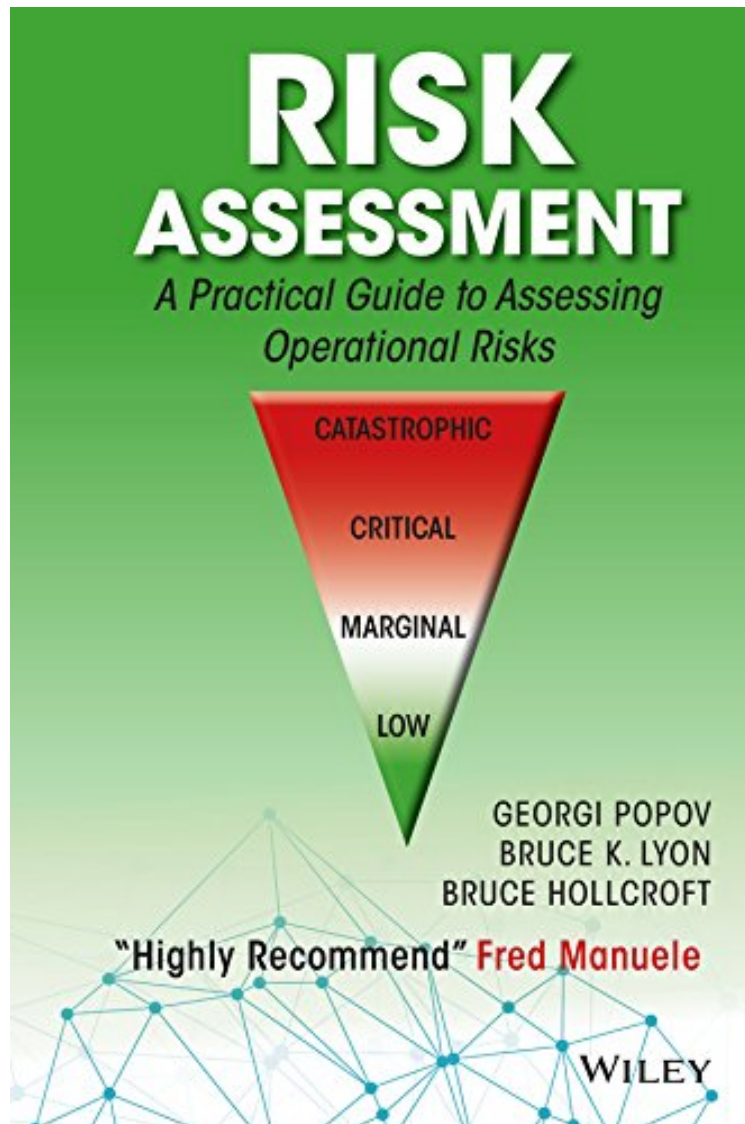


Risk Assessment: A Practical Guide to Assessing Operational Risks

Georgi Popov, Bruce K. Lyon, Bruce Hollcroft
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Georgi Popov, Bruce K. Lyon, Bruce Hollcroft : Risk Assessment: A Practical Guide to Assessing Operational Risks before purchasing it in order to gage whether or not it would be worth my time, and all praised Risk Assessment: A Practical Guide to Assessing Operational Risks:

2 of 2 people found the following review helpful. A comprehensive risk assessment guide perfect for EHS professionals with varying levels of competency and experience!By RBrownThis text is a practical and comprehensive risk assessment guide perfect for EHS professionals with varying levels of competency and experience. Acceptable for use within professional or academic environments, this risk assessment text provides the user with in-depth examples and tools necessary to conduct a thorough risk assessment. Additionally, I appreciated the interactive format and

useful supplemental materials. This text provides the reader with a background into what risk assessment actually is - material often omitted from traditional EHS education. As well as a comprehensive introduction and practical application of the Prevention through Design (PtD) standard and extensive review on conducting many types of risk assessments (JHA, what-if, PHA, FMEA, etc.). This text also introduces new tools and, for the first time, a practical application of the PtD standard blended with a traditional FMEA tool. As a SHE professional within industry, I will also be using sections of this text to train operators within my facility on basic risk assessment fundamentals. This will help drive our culture and increase engagement. I highly recommend this text for both students and professionals alike.

Covers the fundamentals of risk assessment and emphasizes taking a practical approach in the application of the techniques
Written as a primer for students and employed safety professionals covering the fundamentals of risk assessment and emphasizing a practical approach in the application of the techniques
Each chapter is developed as a stand-alone essay, making it easier to cover a subject
Includes interactive exercises, links, videos, and downloadable risk assessment tools
Addresses criteria prescribed by the Accreditation Board for Engineering and Technology (ABET) for safety programs

From the Back Cover
"Risk-centric" Approach - The Future of the Safety Profession
The information and tools contained in "Risk Assessment: A Practical Guide to Assessing Operational Risks" should get into the hands and minds of every practicing Environmental, Health and Safety (EHS) Professional. The biggest risk to an organization is not taking a risk-based approach to protecting people, property and the environment. Organizational confidence in assessing operational risks will come when adopting and building upon the principles and learnings that come from these authors' body of work. Defining what "Safer" looks like must become the future of our profession.
Dave Walline, CSP - Committee Chair, ASSE Risk Assessment Institute 2013-2015
"Risk Assessment: A Practical Guide to Assessing Operational Risk" provides the fundamentals on risk assessment, with practical applications, for undergraduate and graduate students and employed safety, health, and environmental professionals who recognize that they are expected to have risk assessment capabilities. This book fills a void. No other textbook has been written as a primer for students and employed safety professionals that covers the fundamentals of risk assessment and emphasizes taking a practical approach in the application of the techniques. In addition, the book addresses seven of the Accreditation Board for Engineering and Technology (ABET) criteria for safety programs. Over time, risk assessments have been given more prominence as an element in an operational risk management system. This text will serve the needs of professors at a university level who sense the need for their students to have knowledge and capability with respect to risk assessment. It will also serve as a primer for employed safety professionals who need a practical guide on various risk assessment techniques. Risk assessment methods including task analysis, job risk assessment, preliminary hazard analysis, failure mode and effects analysis, what-if analysis, and bow-tie analysis, as well as specific applications including design safety reviews, ergonomic risks, food safety, organizational risk assessment, and project risk are covered in a step by step approach. Including numerous interactive exercises, links, videos, and downloadable risk assessment tools this textbook can be used by undergraduate and graduate students and employed safety, health, and environmental professionals who recognize that they are expected to have risk assessment capabilities
Georgi Popov, PhD, QEP, CMC is an associate professor at the University of Central Missouri where he teaches risk assessment. His research interests include industrial hygiene, safety management, risk assessment, PtD, air quality, alternative fuels, LEAN Six Sigma practices, and business aspects of Environmental, Health and Safety. His experience is unique with both civilian and military environmental, health and safety programs.
Bruce K. Lyon, CSP, P.E., ARM, CHMM is Director of Risk Control Services for Hays Companies in Kansas City and has over 30 years of experience conducting and facilitating operational risk assessments while working in the consulting and insurance industries. He holds a B.S. Degree in Industrial Safety and M.S. Degree in Occupational Safety Management from University of Central Missouri.
Bruce D. Hollcroft, CSP, ARM, CHMM is Director of Risk Control Services for Hays Companies in the western United States and has over 30 years of risk consulting, including three years in New Zealand. He holds a B.S. in Industrial Safety, and has completed graduate studies toward an M.S. in Safety Management from the University of Central Missouri.