

1. Record Nr.	UNINA9910797980703321
Autore	Roughton James
Titolo	Job hazard analysis : a guide for voluntary compliance and beyond / / James E. Roughton, Nathan Crutchfield
Pubbl/distr/stampa	Oxford, England ; ; Waltham, Massachusetts : , : Butterworth-Heinemann, , 2016 ©2016
ISBN	0-12-803442-4
Edizione	[Second edition.]
Descrizione fisica	1 online resource (506 p.)
Disciplina	658.3/8
Soggetti	Industrial safety Work environment - United States Accidents - United States - Prevention
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Title Page; Copyright Page; Dedication; Contents; About the Authors; Foreword; Preface; Chapter 1, why focus on the job hazard analysis process ; Chapter 2, understanding human performance in the job hazard analysis process ; Chapter 3, introducing JHA into the organization ; Chapter 4, leadership team and employee participation ; Chapter 5, preparing for the hazard and risk assessment ; Chapter 6, hazard analysis and review of associated risk ; Chapter 7, enhancing the safety management system in managing risk ; Chapter 8, defining associated risk Chapter 9, planning for the job hazard analysis Chapter 10, breaking the job down into individual components ; Chapter 11, putting the puzzle pieces together ; Chapter 12, assessing training needs ; Chapter 13, basis elements of a safety system ; Chapter 14, becoming a curator for the safety system ; Chapter 15, effectively managing a JHA process using Six Sigma ; Appendix 1: job hazard analysis OSHA 3071 ; Acknowledgments; Acronyms; Introduction; The value of the JHA ; What is a job hazard analysis? ; Chapter One - Why Focus on the Job Hazard Analysis Process; Chapter Objectives 1.1 - JHAs' main purpose1.2 - Defining the value proposition case for JHA process ; 1.3 - Why is the JHA important? ; 1.4 - Benefits of

developing a JHA process ; 1.5 - Building the case for a JHA process ; 1.6 - Gaining greater respect for the job ; 1.7 - Challenges to JHA process ; 1.8 - JHAs require effort and time to implement ; Summary ; Chapter review questions ; Bibliography; Chapter Two - Understanding Human Performance in the Job Hazard Analysis Process; Chapter Objectives; 2.1 - Basic overview ; 2.2 - Professional responsibility ; 2.3 - The JHA - a communication tool
2.4 - Implementation strategy2.5 - Defining the term "job" ; 2.6 - Comparing JHA and JSA ; 2.7 - Human performance principles ; 2.8 - Error precursors ; 2.9 - Defining organizational culture; 2.10 - Shift in perception ; 2.11 - Levels of culture defined; 2.12 - Organizational structure; 2.13 - Job complexity - even for "simple jobs"; 2.14 - Overlapping and similar job activities; 2.15 - Types of performance; 2.15.1 - Skill-Based Performance; 2.15.2 - Rule-Based Performance; 2.15.3 - Knowledge-Based Performance; 2.16 - Human error potential; 2.17 - Error types; 2.18 - Technology as a risk
2.19 - Politics in the organization2.20 - The art of curation; 2.21 - Questions to review about the organization; 2.22 - Another area for consideration; 2.22.1 - Benefits of Behavior-Based Safety; 2.22.2 - Insights on the Human Role in the Safety System; 2.23 - What contributes to an at-risk event?; 2.24 - Behavior approach; 2.25 - Changing behavior; 2.26 - Understanding why employees put themselves at risk; 2.27 - Understanding the other side of safety; 2.28 - Behavior-based safety and integrated safety management functions; 2.29 - Seven guiding principles of integrated safety management
2.30 - Five core functions of integrated safety management
