Record Nr. UNINA9910787402403321 Autore Lucic Ivan **Titolo** Risk and safety in engineering processes / / Ivan Lucic Pubbl/distr/stampa Newcastle upon Tyne, England:,: Cambridge Scholars Publishing,, 2015 ©2015 **ISBN** 1-4438-7520-1 Edizione [1st ed.] Descrizione fisica 1 online resource (346 pages) Disciplina 625.1 Soggetti Railroad engineering Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references. Nota di contenuto ""CONTENTS""; ""LIST OF FIGURES""; ""LIST OF TABLES""; ""FOREWORD""; ""PREFACE""; ""ACKNOWLEDGMENTS""; ""CHAPTER ONE""; ""CHAPTER TWO""; ""CHAPTER THREE""; ""CHAPTER FOUR""; ""CHAPTER FIVE""; ""CHAPTER SIX""; ""CHAPTER SEVEN""; ""CHAPTER EIGHT""; ""APPENDIX A""; ""APPENDIX B""; ""REFERENCES AND BIBLIOGRAPHY"" This book explores the treatment of safety risks in railways, analysing Sommario/riassunto both heavy rail and metros. It is structured into eight chapters, and starts with the idea of risk and the history of the human perception of risk. Following on from that, utilising four real-life projects, an extensive review of existing risk analysis methodologies and processes is provided and summarised, including the relationships between different methodologies. Different Inquiry Systems (namely Leibnizian, Kantian, Hegelian, Lockean and Singerian) and the Delphi technique

were utilised in this analysis of Safety Case