

1. Record Nr.	UNINA9910455414703321
Autore	Simpson Geoff
Titolo	Understanding human error in mine safety [[electronic resource] /] / by Geoff Simpson, Tim Horberry, and Jim Joy
Pubbl/distr/stampa	Farnham, Surry [England] ; ; Burlington, VT, USA, : Ashgate, c2009
ISBN	1-317-00489-2 1-282-29543-8 9786612295430 0-7546-9716-9
Descrizione fisica	1 online resource (175 p.)
Altri autori (Persone)	HorberryTim JoyJim
Disciplina	363.1'19622334 622 622.8 622/.8
Soggetti	Mine safety Human engineering Electronic books.
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; Contents; List of Figures; List of Tables; Acknowledgements; Preface; 1 Introduction; 2 The Nature of Human Error; 3 Predisposing Factors: Level 1 - The Person - Machine Interface; 4 Predisposing Factors: Level 2 - The Workplace Environment; 5 Predisposing Factors: Level 3 - Codes, Rules and Procedures; 6 Predisposing Factors: Level 4 - Training and Competence; 7 Predisposing Factors: Level 5 - Supervision/First-Line Management Roles and Responsibilities; 8 Predisposing Factors: Level 6 - Safety Management System/Organisation and Safety Culture; 9 Managing Human Error Potential 10 ConclusionsGlossary of Mining Terms; References; Index
Sommario/riassunto	The consideration of human factors issues is vital to the mining industry. As in other safety-critical domains, human performance

problems constitute a significant threat to system safety, making the study of human factors an important field for improving safety in mining operations. The primary purpose of this book is to provide the reader with a much-needed overview of human factors within the mining industry, in particular to understand the role of human error in mine safety, explaining contemporary risk management and safety systems approaches. The approach taken is multidisciplinary and h
