

1. Record Nr.	UNINA9910139362103321
Autore	Summerhayes Stuart
Titolo	Design risk management [[electronic resource] ] : contribution to health and safety / / Stuart D. Summerhayes
Pubbl/distr/stampa	Chichester, West Sussex, U.K. ; ; Ames, Iowa, : Blackwell, c2010
ISBN	1-282-68446-9 9786612684463 1-61344-920-8 1-4443-1889-6 1-4443-1890-X
Descrizione fisica	1 online resource (176 p.)
Disciplina	363.119624 690/.22
Soggetti	Construction industry - Safety measures Safety factor in engineering Architecture - Human factors 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	Design Risk Management Contribution to Health and Safety; Contents; Section 1: INTRODUCTION; Table 1.1: DESIGN FAILURES; 1.1 Major design failures in British history; 1.2 Additional Reports (The Bragg Report and HSE Research Report 218) into design failure; Table 1.2: PRINCIPAL RECOMMENDATIONS OF THE BRAGG COMMITTEE; Table 1.3: CONTRIBUTORY FACTORS TO HISTORICAL FAILURES; Section 2: PROJECT RISK MANAGEMENT AND DESIGN RISK MANAGEMENT; 2.1 Key players in project management; 2.2 Stages of the contract and their achievement; Table 2.1: CDM DUTY HOLDER ACTIONS Section 3: CONSTRUCTION-RELATED HEALTH AND SAFETY LEGISLATION3.1 Approved code of practice and guidance; 3.2 Health and Safety at Work, etc. Act 1974; 3.3 The Management of Health and Safety at Work Regulations 1999; 3.4 The Workplace (Health, Safety and Welfare) Regulations 1992; 3.5 The Manual Handling Operations Regulations 1992; 3.6 The Confined Spaces Regulations 1997; 3.7 The

Work at Height Regulations 2005; 3.8 The Control of Vibration at Work Regulations 2005; 3.9 The Control of Noise at Work Regulations 2005 3.10 The Control of Substances Hazardous to Health Regulations (amended 2005)Section 4: THE CDM PROCESS; 4.1 Timing; 4.2 Pre-construction information; Figure 4.1: HOLISTIC DIAGRAM OF THE CONSTRUCTION PROCESS; 4.3 Construction phase plan; 4.4 Health and safety file; Figure 4.2: SYSTEMS APPROACH; Table 4.1: APPLICABLE REGULATIONS FOR DUTY HOLDER COMPLIANCE; Table 4.2: CONSTRUCTION (DESIGN AND MANAGEMENT) REGULATIONS 2007; Section 5: ROLE OF THE DESIGNER; 5.1 Who are designers?; Figure 5.1: THE DESIGNER'S DUTIES; Table 5.1a: DESIGNER DUTIES (ALL PROJECTS) Table 5.1b: DESIGNER DUTIES (ADDITIONAL DUTIES ON NOTIFIABLE PROJECTS)Section 6: THE DESIGN RISK MANAGEMENT PROCESS; 6.1 Additional interfaces; 6.2 Design change; Section 7: DOCUMENTATION; Table 7.1: RISK ASSESSMENT METHODS; Table 7.2: EXAMPLES OF POTENTIAL HAZARDS FOR DESIGNERS TO CONSIDER; 7.1 Red, amber and green lists; Table 7.3: DESIGN RISK ASSESSMENT; Figure 7.1: EXAMPLE OF A DESIGN RISK ASSESSMENT PROFORMA; Figure 7.2: ANNOTATED NOTES (HEALTH AND SAFETY) ON DRAWING; Figure 7.3: HAZARD MANAGEMENT REGISTER AND DESIGN RISK ASSESSMENT; 7.2 Project (health and safety) risk register Table 7.4: PROJECT RISK REGISTER (HEALTH AND SAFETY)7.3 Design philosophy statements; Section 8: INFORMATION FLOW; Table 8.1: COMMUNICATION LINKS; 8.1 Pre-construction information; Figure 8.1: INFORMATION FLOW; Figure 8.2: DESIGN INTERFACE WITH OTHER DUTY HOLDERS; 8.2 Construction phase plan; 8.3 Health and safety file; Table 8.2: DESIGN INFORMATION FOR THE HEALTH AND SAFETY FILE; Figure 8.3: PLANNING/PROGRAMMING INTEGRATION; Appendix One: ROADMAP; Appendix Two: REFERENCES AND BIBLIOGRAPHY; Appendix Three: WEB PAGE DIRECTORY Appendix Four: WORKPLACE (HEALTH, SAFETY AND WELFARE) REGULATIONS 1992

---

## Sommario/riassunto

The Construction (Design and Management) Regulations 2007 (CDM Regulations 2007) is a revision of a major piece of legislation within the wide portfolio of construction-related legislation. It seeks to improve the long term health and safety performance of the UK construction industry, with ownership of health and safety proactively undertaken by the integrated project team. Good design has always embraced health and safety issues and design teams remain essential players as well as key contributors and communicators in matters of health and safety management. Designers have a legal responsi

---