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Autore	Holt Allan St. John
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Nota di contenuto	Principles of Construction Safety; Contents; Foreword; Abbreviations; Introduction; Part 1 Construction Safety Management; 1. Fundamentals; What is 'safety'; Basic terms; What causes accidents?; Techniques of accident prevention; Benefits of accident prevention; 2. Where are We Now?; Types of injury; Accident causes; Occupational health and hygiene; Dangerous occurrences; Reference; 3. Measuring Performance and Recording Information; Behaviour-based safety; 'No injuries-no problems!'; 'All I want to know is the facts!'; Calculating rates; Other performance measures Accident investigation and recordingPrinciples of accident investigation; Inspections and audits; Techniques of inspection; Reference; 4. Techniques of Construction Safety Management; Objectives; Benefits; Key elements; And if companies do not do all this?; Is it all just a pile of paperwork?; World best practice; The role of the client; The contractor and CDM; The Principal Contractor and CDM; The Planning Supervisor and CDM; Competence, qualification and selection under CDM; The Health and Safety File; 5. The Safety Policy; Legal requirements; The policy in practice; Manuals and QA systems Policy contentsOther safety policy considerations; 'Off the shelf safety

policies; 6. Assessing the Risks; Benefits; Types of risk assessment; Contents of risk assessment; Hazard evaluation; Job safety analysis; Ranking hazards by risk; Decision-making; Controlling the risks; Monitoring; Health surveillance; Information to others; Format of risk assessments; Project risk assessments; Practical compliance; COSHH assessments; Manual handling assessments; Display screen equipment assessments; 7. Control Strategies for Construction Work; Designing for safety and health; Planning the work
Emergency procedures
Setting up the site; Safe place of work; References; 8. The Health and Safety Plan; Pre-tender Health and Safety Plan; Developing the construction phase Health and Safety; Plan Project safety management commitment statement; Roles and responsibilities of project staff; Project Major Emergency Plan; 9. Training; Training needs; Training for management; Environmental, health and safety specialists; Legal requirements; 10. Meetings; Meeting with contractors; Weekly safety meetings; Monthly safety meetings; 11. Understanding People; Why people fail; Ergonomics; Stress
Communication
Reports; Getting the message across; Safety propaganda; References; 12. Joint Consultation; The Safety Representatives and Safety Committees Regulations 1977; The Health and Safety (Consultation with Employees) Regulations 1996; Consultation at site and project level; 13. Access to Information; Safety professionals; Other advice; Part 2 Environment, Health and Safety Issues; 14. Construction and the Environment; Waste management and pollution control; Initial ground contamination; Remediation; Spillage control; Pesticide use and control; Hazardous waste management
Control of substances hazardous to health

Sommario/riassunto

The construction industry has not had a good record on health and safety and faces tough legal and financial penalties for breaches of the law. This book provides a unique resource for all those who construct or procure the construction of projects of all sizes and in all countries and for clients who need to keep abreast of their own and their contractors' responsibilities. It gives practical guidance on best practice, including: * measuring performance and recording information * developing a safety policy and method statements * assessing risk * training and un
