

Safety Management in the Workplace

Edition: 1st Edition
Publication date: 2019
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ISBN: 9781485130222
Format: Soft Cover
Number of Pages: 249
Retail price: R600.00 (incl. VAT, excl. delivery.)
Website Link: juta.co.za/pdf/25804/



About this Publication:

Health and safety management is a key responsibility of organisations. This edition of *Safety Management in the Workplace* aims at highlighting certain aspects regarding health and safety in the workplace.

The book highlights: occupational health and safety from a global perspective, legislation and competency requirements, the difference between responsibility and accountability, occupational hygiene, first-aid, risk assessment, etc.

Contents Include:

Chapter 1: A holistic overview and the value of global OHS – Rigard Steenkamp

- OHS and QWL
- OHS is a global concern
- The value of human capital
- Governments must support OHS excellence
- The relationship between OHS excellence and business excellence
- QWL companies achieve better results
- Innovation in prevention
- Global risk concepts
- OHS challenges demand faith and supernatural intervention
- Global OHS principles
- A holistic approach to Safety
- A TQM safety and health model
- Collective behaviour-based safety (BBS)
- Guidelines for a quality PPE programme
- Environmental reporting

Chapter 2: Safety in industry – Cheryl Rielander

- Legal requirements of safety in industry
- Managing occupational health and safety in industry
- Key principles
- Management responsibilities and work practices
- Process safety management
- The safety-man
- Safety practices
- Hazard communication (HAZCOM)
- Emergency management and response plans

Chapter 3: Accountability and responsibility for safety, health and environment – Francois van Loggerenberg

- The relationship between accountability and responsibility
- Key elements of an accountability system
- Employee engagement
- Employees' engagement with health and safety
- Safety, health and environmental (SHE) system
- Health and safety policy
- Key principles and objectives of a health and safety policy
- Health and safety programme
- Four elements of a health and safety programme
- Health and safety plan

Chapter 4: Managing safety in the workplace – Lizbie Fourie

- Nature of safety in a workplace
- Nature of safety management
- Core principles of safety management in a workplace
- Safety management functions
- Different levels of safety management
- Safety management leadership
- Role of the safety practitioner

Chapter 5: Managing safety in the office environment – Francois van Loggerenberg

- Integrating office safety into an organisation's policy and strategy
- Core principles of managing safety in the office
- Interaction between employer and employee responsibilities regarding a safe office environment
- Accident prevention programme
- Principles of an accident prevention programme

Chapter 6: Fundamentals of occupational hygiene – Francois van Loggerenberg

- Occupational hygiene defined
- Recognising hazards or agents
- Evaluation of health hazards
- Control of health hazards

- Occupational hygiene programme
- Quality management system
- Auditing of occupational hygiene

Chapter 7: First aid and organisational health and safety – *Lizbie Fourie*

- Fundamental principles of first aid within organisational safety
- Legal compliance of first aid as part of organisational health and safety
- Responsibilities for first aid in the workplace
- Managing first aid in a workplace
- Workplace injuries or illnesses and first aid
- First-aid assessment in the workplace

Chapter 8: Elements that contribute to unsafe practices in the office environment and how to prevent them – *Francois van Loggerenberg*

- Unsafe practice defined
- Various forms of unsafe/dangerous practices in an office environment
- The impact of unsafe practices on employees and the organisation

Chapter 9: Risk management: hazard identification and risk assessment – *Cheryl Rielander*

- Legal requirements of risk assessments
- Risk management versus risk assessment
- Risk management
- Risk management: hazard identification and risk assessment (HIRA)
- Hazard identification and risk assessment (HIRA) process
- Risk assessment

Chapter 10: Construction safety requirements – *Cheryl Rielander*

- Legal requirements in construction
- Health and safety in construction
- Design and management in construction
- Training and competency
- Construction sites

Chapter 11: Working at heights, construction vehicles, lifting equipment and vibrations – *Cheryl Rielander*

- Construction site safety
- Working at heights
- Roof work
- Fall protection
- Ladders
- Scaffolds and suspended platforms
- Construction vehicles
- Lifting equipments
- Vibration

Chapter 12: Confined-space work risks – *Leighton Bennett*

- What is a confined space?
- What are the dangers in confined spaces?
- The legal requirements
- Permit system for a confined-space programme
- What should happen when work is being done in a confined space?
- Emergency rescue procedures
- Incident issues

Of Interest and Benefit to:

This book serves safety professionals, safety practitioners, individuals new to the field of health and safety as well as educators and students preparing for a career in the health and safety industry.