COURSE TABLE OF CONTENTS

Certified Artificial Intelligence for Health and Safety Professional

OEM: Koenig Original • Duration: 3 Days (22 hrs)

COURSE MODULES & TOPICS

Module 1: Introduction to Managing Safely

- Moral, legal, and financial reasons for managing safety
- Manager responsibility and accountability for safety and health

Module 2: Assessing Risks

- Key terms: hazard, risk, likelihood, consequence
- Definition and purpose of risk assessment
- Risk assessment process
- Understanding risk rating systems
- Benefits of carrying out risk assessments

Module 3: Controlling Risks

- Meaning of reasonably practicable
- Evaluating risks using a risk matrix
- Selecting appropriate risk control measures
- Hierarchy of risk control
- Impact of risk controls on likelihood and consequences
- Understanding residual risk
- Practical activity: hazard spotting, risk assessment, risk control

Module 4: Understanding Responsibilities

- Legal requirements for protecting workers and others
- Reasonably foreseeable risks
- Common, industry, and expert knowledge tests
- Criminal vs civil law in health and safety
- Outcomes of not working within the law
- Sources of help and guidance
- Health and safety management system elements
- Benefits of a health and safety management system
- Importance of leadership in health and safety

Module 5: Understanding Hazards

- Six main hazard categories
- Hazards in multiple groups
- Common workplace hazards and their effects
- Managing specific hazards: aggression, asbestos, chemicals, fire, noise, etc.

Module 6: Investigating Incidents

- Key terms: incident, accident, near miss
- Reasons and benefits of incident investigation

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- Immediate, underlying, and root causes of incidents
- Actions following an incident
- Incident reporting
- Stages of structured incident investigation

Module 7: Measuring Performance

- Principles for good safety and health performance
- Health and safety performance indicators
- Improving workplace safety through indicators
- Characteristics of good KPIs
- Proactive vs reactive performance indicators
- Health and safety auditing
- Internal and external auditing
- Types of evidence in audits

Module 8: Course Assessment

- Knowledge and comprehension assessment
- Practical application: workplace risk assessment
- Assessment pass requirements