



DEKRA

TRAINING SOLUTIONS

SHEMTRAC

COURSE

Learners will be enabled to implement and manage a SHE management system in a place of work.

DURATION

10 days

COURSE CONTENT

OHS LAW:

Legislative Framework; Liability; Constitution of the Republic of South Africa; Occupational Health and Safety Act, 85 of 1993; Mine Health and Safety Act, 29 of 1996; Compensation for Occupational Injuries And Diseases; Basic Conditions of Employment Act; Labour Relations Act

RISK MANAGEMENT:

Explain the key concepts and apply the risk management process and risk management model in the context of a risk management programme, based on accepted theory; Explain the specified requirements needed to conduct a base-line risk assessment; Prepare to conduct a base-line assessment; Conduct a base-line risk assessment; Conduct a health risk assessment; Initiate remedial and follow-up action for identified hazards and assessed risks; Explain the underlying concepts and theory of risk financing based on accepted theory.

MANAGEMENT SYSTEMS:

Management defined; The process of management; Other management process models; Industry management standards; Comparison between AI; ISO 14001:2004; ISO 9001:2000 and OHSAS 18001:1999 Standards on Social Responsibility; Quality management; Implementing an integrated SHEQ system; Implementation guidelines; ISO 9001 as a business management standard; Examples of manual and procedures required

OCCUPATIONAL HYGIENE:

Overview; Illumination; Noise; Vibration; Basic principles of toxicology; Hazardous chemical substances Hazardous biological agents; Thermal conditions (heat stress); Thermal conditions (cold stress); Ventilation and indoor air quality; Radiation; Ergonomics

OCCUPATIONAL MEDICINE:

Differentiate between Occupational Hygiene/ Occupational Medicine and Primary Health care as defined under the general umbrella of Occupational Health; Implement health service management strategies as part of the management process; Initiate, identify and implement the components of a medical surveillance programme including health risk assessment and biological monitoring; Describe the relevance, importance and benefits of a well run Occupational Health Programme to employers and employees alike (legal and other); Analyse the effect of absenteeism on business performance/ productivity/employment equity due to disability and incapacity; Explain the basic information regarding the importance of achieving optimal health for all workers, as part of Primary health care interventions.

ENVIRONMENTAL:

Understand environmental risks, global response to these risks and practical ways to address them in context; Be familiar with the rationale for and key principles of environmental management systems covering; Foundational environmental principles and concepts; Environmental management policy, strategy, legislation; Environmental science (technical aspects of specific subjects); Integrated environmental management; Inspection, monitoring and auditing

OPERATIONAL SAFETY MANAGEMENT:

Background to safety management; Safety aspects associated with our modern SHEQ management systems Theories, philosophies, principles, and practices of safety management; Safety oriented behaviour; Operational safety



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