PROSUM02
Identify health and safety hazards and risks in mines

Overview

This standard is about the identification of hazards and risks for health and safety in mines. The process of hazard identification and risk assessment is continuous; therefore individuals should be on the look-out for hazards at all times but especially when changes occur in the workplace.

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Performance criteria

Identify health and safety hazards and reduce risks

You must be able to:

P1 identify hazards in the workplace and their existing controls
P2 identify people who are at risk from hazards
P3 assess the level of risk arising from the hazard
P4 seek advice from managers or specialists in risk assessment when appropriate
P5 report hazards constituting a high risk immediately to the responsible person(s)
P6 deal with hazards which constitute a low risk in accordance with organisational and operational procedures
P7 encourage suggestions from your subordinates for reducing risks to health and safety
P8 give suggestions to control or reduce risks to health and safety to the responsible person(s)
P9 give suggestions to control or reduce risks to health and safety to the responsible person(s)
P10 keep clear records conforming to company requirements

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Knowledge and understanding

You need to know and understand:

K1 definitions of hazard, risk, accident, danger, accident rate, frequency and severity
K2 workplace monitoring and hazard identification methods, e.g. formal and informal health and safety inspections, surveys and audits
K3 basic procedures for carrying out health and safety risk assessment
K4 key aspects of legislation applicable to the workplace under your control
K5 the benefits of participation of persons at work
K6 requirement of health and safety document with regard to risk assessment
K7 in-house information in relation to internal accidents, incidents, near misses, cases of occupational illnesses
K8 basic knowledge of the main types of occupational health risk – chemical (toxic, corrosive, dermatitic), physical (noise, dust, temperature, light, vibration, repetitive strain) and ergonomic
K9 how the incorporation of commonly used protective devices and correct plant maintenance contribute to reduction of risks
K10 safe working practices for yourself and those working under your direction and control to include all systems, procedures, equipment and materials in use
K11 your own limitations relating to hazards and risks and an awareness of the structure for reporting
K12 your scope and responsibility for dealing with hazards
K13 health and safety induction schemes
K14 communication, involvement and motivation in relation to hazards and risks
K15 interview and questioning techniques
K16 the organisations record keeping requirements

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