

NEBOSH NGC1 Element 3

Health and safety management systems – Do

(24 piece puzzle)

Matching statements

Hazard	Anything with the potential to cause harm
Risk	The likelihood of harm being realised coupled with the severity
Risk assessment	The process of evaluating risk levels, identifying control measures and determining residual risk
Qualitative	No numerical score for residual risk level
Quantitative	The measurement of risk by probability, giving the risk level a numerical score
The general hierarchy of control	Eliminate the hazard Substitute Engineering controls Signs, markings, warnings and administrative controls Personal protective equipment
Risk assessment (Step 1)	Identify the hazards
Risk assessment (Step 2)	Decide who might be harmed and how
Risk assessment (Step 3)	Evaluate the risks and existing controls
Risk assessment (Step 4)	Record the significant findings
Risk assessment (Step 5)	Monitor and review
Suitable and sufficient	Identifies the significant risks, ignores the trivial, prioritises measures, appropriate to the nature of the work, valid over a reasonable period of time.....
General principles of prevention	Avoid risk Evaluate the risks which cannot be avoided Combat the risk at source Adapt the work to the individual Adapt to technical progress.....
Permit to work	Ensures a higher level of control for high risk activities to ensure that they can be carried out safely
Health and safety culture	The product of individual and group values, attitudes, perceptions, competencies and patterns of behaviour determining commitment
Indicators of the health and safety culture	Sickness rates, staff turnover, accident rates, complaints about working conditions, compliance with safety rules....
Human factors	Organisational – Job – Individual
Organisational factors	Culture, leadership, resources, work patterns, communications....

Job factors	Task, workload, environment, procedures, displays and controls....
Individual factors	Competence, skills, personality, attitude, risk perception....
Sources of information (internal)	Accident, ill health and absence records, inspection and investigation reports, maintenance records.....
Sources of information (external)	Manufacturers data, HSE, legislation, trade associations.....
Control measures (technical)	Guarding, warning systems....
Control measures (procedural)	Method statements, permits to work....
Control measures (behavioural)	Training, raising awareness....
Reasons for risk assessment review	Accident or incident. Changes to legislation, equipment, processes, people....
Replacing 110 volt hand held tools with battery powered tools should reduce the.....	Severity of harm
Electrical equipment subject to a rigorous inspection and maintenance regime should reduce the.....	Likelihood of harm
First aid provision factors	Number of persons on site, pattern of working hours, substances and equipment being used, proximity of emergency services....
Collective protective measures take priority over.....	Personal (individual) protective measures

Finished puzzle shape:

