

UNIT STANDARD TITLE	NQF LEVEL	CREDITS
National Certificate: Occupational Hygiene and Safety	NQF Level 03	144
Use a Graphical User Interface (GUI)-based word processor to format documents	NQF Level 02	5
Collect airborne particulates in the environment using a high volume gravimetric sampler	NQF Level 03	3
Conduct a continuous risk assessment in a workplace	NQF Level 03	4
Conduct an investigation into workplace incidents	NQF Level 03	5
Conduct, report and follow up on a pre-use, safety and/or audit inspection	NQF Level 03	5
Demonstrate basic knowledge and understanding of airborne pollutants and control measures	NQF Level 03	4
Demonstrate knowledge of psychrometric charts and perform calculations	NQF Level 03	5

Demonstrate knowledge pertaining to fires in working places	NQF Level 03	3
Demonstrate knowledge pertaining to the preparation, conducting, recording and follow-up actions of a planned task observation in a working place	NQF Level 03	2
Determine the amount of mineral dust and particulate matter in water by means of a nephelometer and turbidimeter respectively	NQF Level 03	5
Determine the concentration of respirable dust using a direct reading instrument	NQF Level 03	3
Measure acceleration of vibration	NQF Level 03	2
Measure noise levels, and take appropriate action	NQF Level 03	6
Monitor, report and advise on the application of safety and health principles regarding electricity in a work place.	NQF Level 03	3
Monitor, report and advise on the application of safety and health principles regarding the movement of people and materials in and around a working place	NQF Level 03	7

Monitor, report and make recommendations pertaining to specified requirements in terms of working at heights	NQF Level 03	4
Provide risk based primary emergency care/first aid as an advanced first responder in the workplace	NQF Level 03	6
Respond to, implement and manage emergencies according to an emergency action plan in a workplace	NQF Level 03	2
Assess the performance of a heat exchanger and take appropriate action	NQF Level 04	3
Conduct routine monitoring of a fan's performance and installation	NQF Level 04	4
Demonstrate knowledge and understanding of relevant current occupational health and safety legislation	NQF Level 04	4
Demonstrate knowledge of fans, fan measurements and performance	NQF Level 04	5

Monitor, report and make recommendations on the requirements applicable to permit to work systems in a working environment	NQF Level 04	4
Use water circuits to determine the performance of a refrigeration plant and take appropriate remedial action	NQF Level 04	3
Accommodate audience and context needs in oral communication	NQF Level 03	5
Demonstrate an understanding of the use of different number bases and measurement units and an awareness of error in the context of relevant calculations	NQF Level 03	2
Describe, apply, analyse and calculate shape and motion in 2- and 3-dimensional space in different contexts	NQF Level 03	4
Interpret and use information from texts	NQF Level 03	5
Investigate life and work related problems using data and probabilities	NQF Level 03	5
Use a GUI-based word processor to enhance a document through the use of tables and columns	NQF Level 03	5

Use language and communication in occupational learning programmes	NQF Level 03	5
Use mathematics to investigate and monitor the financial aspects of personal, business and national issues	NQF Level 03	5
Write texts for a range of communicative contexts	NQF Level 03	5
Analyse a mixture of coal dust and stone dust sample by means of colorimetric method and recommend appropriate remedial action	NQF Level 02	2
Apply environmental management tools to assess impacts	NQF Level 02	5
Apply health and safety to a work area	NQF Level 02	3
Apply stone dust to inertise coal dust	NQF Level 02	2
Conduct an investigation into workplace safety, health and environmental incidents	NQF Level 02	3

Describe the functions of the workplace health and safety representative	NQF Level 02	3
Explain emergency preparedness and response procedures	NQF Level 02	3
Install explosion barriers to control the propagation of coal dust explosions	NQF Level 02	2
Maintain and adapt oral/signed communication	NQF Level 02	5
Measure virgin rock temperature	NQF Level 02	2
Participate in the establishment, implementation and monitoring of a health and safety agreement	NQF Level 02	2
Participate in the implementation and evaluation of a safety and health management programme in the workplace	NQF Level 02	2
Provide risk-based primary emergency care/first aid in the workplace	NQF Level 02	2
Sample and evaluate a mixture of coal dust and stone dust	NQF Level 02	3

Take action to address impacts on the environment	NQF Level 02	10
Verify compliance to safety, health and environmental requirements in the workplace	NQF Level 02	4
Accommodate audience and context needs in oral/signed communication	NQF Level 03	5
Collect and prepare water sample for radionuclide analysis	NQF Level 03	3
Determine the long-lived alpha activity on a dust-laden filter with an alpha counter	NQF Level 03	2
Perform one-to-one training on the job	NQF Level 03	4
Use communication skills to handle and resolve conflict in the workplace	NQF Level 03	3

Apply knowledge of statistics and probability to critically interrogate and effectively communicate findings on life related problems	NQF Level 04	6
Collect and use data to establish complex statistical and probability models and solve related problems	NQF Level 04	5
Demonstrate understanding of the implementation of occupational health, safety and environmental legislation in the work place	NQF Level 04	9
Determine radioactive contamination by means of a surface contamination monitor	NQF Level 04	2
Identify responsibilities of a team leader in ensuring that organisational standards are met	NQF Level 04	6
Measure low-level gamma radiation by means of a portable dosimeter	NQF Level 04	2
Monitor and make recommendations on the application of health and safety principles regarding hazardous substances in the working place	NQF Level 04	3

UNIT STANDARD TITLE	NQF Level	Credits
National Certificate: Occupational Health, Safety and Environment	NQF Level 2	120
Describe sources of and control measures for noise in a work place	NQF Level 01	2
Apply environmental management tools to assess impacts	NQF Level 02	5
Conduct an investigation into workplace safety, health and environmental incidents	NQF Level 02	3
Conduct workplace Occupational Health and Safety (OHS) inspections	NQF Level 02	3
Control workplace hazards and risks	NQF Level 02	4
Demonstrate an understanding of Occupational Hygiene	NQF Level 02	9
Demonstrate Knowledge and Use of Hand Operated Fire Fighting Equipment	NQF Level 02	4

Examine refuge bays/places of safety	NQF Level 02	2
Explain basic health and safety principles in and around the workplace	NQF Level 02	4
Explain emergency preparedness and response procedures	NQF Level 02	3
Manage the prevention of fatigue in the workplace	NQF Level 02	3
Manoeuvre materials safely by hand in a workplace	NQF Level 02	2
Provide risk-based primary emergency care/first aid in the workplace	NQF Level 02	5
Use a Graphical User Interface (GUI)-based spreadsheet application to create and edit spreadsheets	NQF Level 02	4
Use a Graphical User Interface (GUI)-based word processor to format documents	NQF Level 02	5

Use electronic mail to send and receive messages	NQF Level 02	2
Verify compliance to safety, health and environmental requirements in the workplace	NQF Level 02	4
Access and use information from texts	NQF Level 02	5
Apply basic knowledge of statistics and probability to influence the use of data and procedures in order to investigate life related problems	NQF Level 02	3
Demonstrate understanding of rational and irrational numbers and number systems	NQF Level 02	3
Identify, describe, compare, classify, explore shape and motion in 2-and 3-dimensional shapes in different contexts	NQF Level 02	3
Maintain and adapt oral/signed communication	NQF Level 02	5

Use language and communication in occupational learning programmes	NQF Level 02	5
Use mathematics to investigate and monitor the financial aspects of personal and community life	NQF Level 02	2
Work with a range of patterns and functions and solve problems	NQF Level 02	5
Write/present for a defined context	NQF Level 02	5
Apply accurate information about HIV & AIDS to everyday life	NQF Level 01	2
Apply fire fighting techniques	NQF Level 01	3
Demonstrate an understanding of sexuality and sexually transmitted infections including HIV/AIDS	NQF Level 01	5
Describe the need for illumination in a work place	NQF Level 01	2

Facilitate group work in development practice	NQF Level 01	8
Perform basic life support and first aid procedures	NQF Level 01	5
Apply health and safety to a work area	NQF Level 02	3
Apply life skills to everyday life	NQF Level 02	5
Conduct routine inspections on percussion rock drills	NQF Level 02	2
Demonstrate basic understanding of the procedure for submission of compensation claims for injuries and occupational diseases	NQF Level 02	2
Demonstrate knowledge of water cycle, water and wastewater systems and processes	NQF Level 02	5
Demonstrate stress management techniques as a self-help tool	NQF Level 02	8

Describe the functions of the workplace health and safety representative	NQF Level 02	3
Determine low velocity and volume flow rate of air	NQF Level 02	2
Determine the amount of particulate matter in water using a turbidimeter	NQF Level 02	2
Explain the prevention and control of the propagation of a coal dust explosion	NQF Level 02	5
Handle water samples for analysis	NQF Level 02	2
Issue and retrieve Personal Monitoring Equipment	NQF Level 02	2
Measure barometric pressure using electronic and/or mechanical instruments	NQF Level 02	2
Measure compressed air and/or water pressure using a hand held pressure gauge	NQF Level 02	2
Measure cooling power and low air velocity by using a wet Kata thermometer	NQF Level 02	2

Measure illumination levels in a workplace using a Luxmeter	NQF Level 02	2
Measure virgin rock temperature	NQF Level 02	2
Measure wet and dry bulb temperature by using a whirling Hygrometer	NQF Level 02	2
Participate in the establishment, implementation and monitoring of a health and safety agreement	NQF Level 02	2
Participate in the implementation and evaluation of a environmental management programme in the workplace	NQF Level 02	2
Participate in the implementation and evaluation of a safety and health management programme in the workplace	NQF Level 02	2
Promote an awareness of Sexually Transmitted Infections (STIs) in the community	NQF Level 02	4

Sample and evaluate a mixture of coal dust and stone dust	NQF Level 02	3
Take action to address impacts on the environment	NQF Level 02	10
Test for flammable gases using a hand held electronic instrument and take appropriate action	NQF Level 02	2
Work with, use and care for materials and resources which can impact on health and the environment	NQF Level 02	10
Collect data for environmental management purposes	NQF Level 03	8
Conduct a continuous risk assessment in a workplace	NQF Level 03	4
Demonstrate knowledge and understanding of HIV/AIDS in a workplace, and its effects on a business sub-sector, own organisation and a specific workplace	NQF Level 03	4

Demonstrate knowledge of the most common harmful gases and vapours	NQF Level 03	4
Demonstrate knowledge pertaining to fires in working places	NQF Level 03	3
Demonstrate knowledge pertaining to the preparation, conducting, recording and follow-up actions of a planned task observation in a working place	NQF Level 03	2
Determine the quantity of rock dust in water using a Nephelometer	NQF Level 03	3
Measure noise levels in a workplace using a sound level meter	NQF Level 03	2
Prevent musculoskeletal injuries to self during lifting and carrying activities	NQF Level 03	3
Provide first aid as an advanced first responder	NQF Level 03	8

