

Curriculum Document				
Curriculum Code	Curriculum Title			
862202-000-00-SP01	General Residential Repairer			
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SECTION 1: CURRICULUM SUMMARY

1.1 Occupational Information

1.1.1 Associated Occupation

862202: Handyperson

1.1.2 Skill Addressed by this Curriculum

862202-000-00-SP01: General Residential Repairer

1.1.3 Alternative Titles used by industry

- None

1.1.4 Related Occupational Qualification Curriculum

- None

1.2 Curriculum Information

1.2.1 Curriculum Structure

This Skills Programme is at NQF Level 3 with a total value of 31 Credits

1.2.2 Rules of Combination

This Skills Programme is made up of the following compulsory Knowledge and Application Modules:

1.2.2.1 Knowledge Modules

- 862202-000-00-SP01-KM-01, Basic Health and Safety, NQF Level 2, Credits 1
- 862202-000-00-SP01-KM-02, Tools and Equipment NQF Level 3, Credits 2

Total number of credits for Knowledge Modules: 3

1.2.2.2 Application Modules

- 862202-000-00-SP01-AM-01, Repair, Replace and Maintain Carpentry related Failures NQF Level 3, Credits 8
- 862202-000-00-SP01-AM-02, Repair, Replace and Maintain Electrical Related Failures NQF Level 3, Credits 2
- 862202-000-00-SP01-AM-03, Repair, Replace and Maintain Plumbing Related Failures NQF Level 3, Credits 4
- 862202-000-00-SP01-AM-04, Conduct Painting and Glazier Related Tasks NQF Level 3, Credits 4
- 862202-000-00-SP01-AM-05, Repair Damaged Fences NQF Level 3, Credits 3
- 862202-000-00-SP01-AM-06, Make Minor Garden Support Repairs NQF Level 3, Credits 3
- 862202-000-00-SP01-AM-07, Conduct Minor Paving and Tiling Repairs NQF Level 3, Credits 4

Total number of credits for Application Modules: 28

1.3 Entry Requirements

NQF Level 2

1.4 Quality Assurance

QCTO will facilitate the assessment and quality assurance

1.5 Possible Learning Pathways

- Handyman Aid (skills programme)
- Handyman (occupational qualification)

SECTION 2: SKILLS PROGRAMME PROFILE

2.1 Skills Programme Purpose

The purpose of this skills programme is to prepare a learner to operate as a General Residential Repairer.

A General Residential Repairer replaces, repairs and maintains minor domestic failures related to carpentry, plumbing, painting, electricity, flooring, window, gardening and fencing.

2.2 Skills Programme Tasks

2.2.1 Conduct carpentry, electrical and plumbing related repairs, replacements and maintenance.

2.2.2 Maintain and repair paint surfaces and conduct window repairs.

2.2.3 Repair fences, paving and other minor garden environs.

2.3 Skills Programme Task Details

2.3.1 Conduct carpentry, electrical and plumbing related repairs, replacements and maintenance

2.3.1.1 Unique Product or Service

Basic carpentry, electrical and plumbing tasks completed.

2.3.1.2 Skills Programme Responsibilities

- Repair, replace and maintain carpentry related failures
- Repair, replace and maintain electrical related failures
- Repair, replace and maintain plumbing related failures

2.3.2 Maintain and repair paint surfaces

2.3.2.1 Unique Product or Service

Painted surfaces and repaired windows

2.3.2.2 Skills Programme Responsibilities

Conduct minor painting related tasks and window repairs

2.3.3 Repair fences, paving and other minor garden environs

2.3.3.1 Unique Product or Service

General basic domestic out-door repairs completed.

2.3.3.2 Skills Programme Responsibilities

- Repair Damaged Fences
- Make Minor Garden Support Repairs
- Conduct Minor Paving Repairs

SECTION 3: CURRICULUM COMPONENT SPECIFICATIONS

3.1 KNOWLEDGE MODULE SPECIFICATIONS

List of Knowledge Modules for which Specifications are included

- 862202-000-00-SP01-KM-01, Basic Health and Safety, NQF Level 2, Credits 1
- 862202-000-00-SP01-KM-02, Tools and Equipment NQF Level 3, Credits 2

Total number of credits for Knowledge Modules: 3

3.1.1 862202-000-00-SP01-KM-01, Basic Health and Safety, NQF Level 2, Credits 1

3.1.1.1 Purpose of the Knowledge Module

The main focus of learning in this module is on providing the learner an opportunity to demonstrate an understanding of Basic Health and Safety in support of the General Residential Repairer.

The learning will enable learners to demonstrate an understanding of:

- KM-01-KT01: Environmental and equipment Safety (50%)
- KM-01-KT02: Personal safety (50%)

3.1.1.2 Guidelines for Topics

3.1.1.2.1 KM-01-KT01: Environmental and equipment Safety (50%)

Topic elements to be covered include

- KT0101 Environmental safety.
- KT0102 Equipment safety.

Internal Assessment Criteria and Weight

- IAC0101 Given a list of potential hazards explain how you would go about to correct them.
- IAC0102 Name three important things that you must observe when you prepare the workplace.
- IAC0103 Given different fire sources explain how you would go about to extinguish those fires
- IAC0104 Given a graphic of a very cluttered home workshop identify the faults or dangers in that workshop.

(Weight 50%)

3.1.1.2.2 KM-01-KT02: Personal safety (50%)

Topic elements to be covered include

- KT0201 Personal protective equipment.
- KT0202 Hazard identification and risk assessment principles.
- KT0203 Working at heights.

Internal Assessment Criteria and Weight.

- IAC0201 Explain hazards in different environments.
- IAC0202 Describe PPE and its purpose.
- IAC0203 Name the elements that must be considered when working at heights and what precaution(s) should be taken.

(Weight 50%)

3.1.1.3 Provider Programme Accreditation Criteria

Physical Requirements

- Training/facilitation resources
- Assessment tools/instruments for assessment
- Relevant learning material

Human Resource Requirements

- Recommended facilitator/learner ratio 1 to 30

Legal Requirements

- None

3.1.1.4 Exemptions

- As required

3.1.2 862202-000-00-SP01-KM-02, Tools and Equipment NQF Level 3, Credits 2

3.1.2.1 Purpose of the Knowledge Modules

The main focus of the learning in this module is on providing the learner an opportunity to demonstrate an understanding of the theory required for the use of tools and equipment, in the execution of General Residential Repairer activities.

The learning will enable learners to demonstrate an understanding of:

- KM-02-KT01: Types, properties and functions of tools and equipment used in providing generic General Residential Repairer services (100%).

3.1.2.2 Guidelines for Topics

3.1.2.2.1 KM-02-KT01: Types, properties and functions of tools and equipment used in providing generic General Residential Repairer services (100%)

Topic elements to be covered include

- KT0201 Describe the uses, functions and maintenance of generic power and hand tools used when providing General Residential Repairer services
- KT0202 Describe the uses, functions and maintenance of generic equipment used when providing General Residential Repairer services
- KT0203 Discuss the typical generic consumables used when providing General Residential Repairer services

Internal Assessment Criteria and Weight

- IAC0201 List and explain the tools used for measuring, cutting, fixing screws and nails
- IAC0202 Given a list of power tools explain how to maintain them
- IAC0203 Precaution to be made when storing sharp tools in a toolbox

(Weight 100%)

3.1.2.3 Provider Accreditation Requirements for the Knowledge Module

Physical Requirements

- Training/facilitation resources
- Assessment tools/instruments for assessment
- Relevant learning material

Human Resource Requirements

- Recommended facilitator/learner ratio 1 to 24

Legal Requirements

- None

3.1.2.4 Exemptions

- As required.

3.2 APPLICATION SKILLS MODULE SPECIFICATIONS

List of Application Skills Modules for which Specifications are included.

- 862202-000-00-SP01-AM-01, Repair, Replace and Maintain Carpentry Related Failures NQF Level 3, Credits 8
- 862202-000-00-SP01-AM-02, Repair, Replace and Maintain Electrical Related Failures NQF Level 3, Credits 2
- 862202-000-00-SP01-AM-03, Repair, Replace and Maintain Plumbing Related Failures NQF Level 3, Credits 4
- 862202-000-00-SP01-AM-04, Conduct Minor Painting Related Tasks and Window Repairs NQF Level 3, Credits 4
- 862202-000-00-SP01-AM-05, Repair Damaged Fences NQF Level 3, Credits 3
- 862202-000-00-SP01-AM-06, Make Minor Garden Support Repairs NQF Level 3, Credits 3
- 862202-000-00-SP01-AM-07, Conduct Minor Paving and Tiling Repairs NQF Level 3, Credits 4

Total number of credits for Application Skill Modules: 28

3.2.1 862202-000-00-SP01-AM-01, Repair, Replace and Maintain Carpentry related Failures NQF Level 3, Credits 8

3.2.1.1 Purpose of the Application Skills Module

The main focus of the learning in this module is on providing the learner an opportunity to practice and understand the techniques, methods, sequencing and procedures to repair, replace and maintain carpentry related failures. The applied modules should take place in a simulated or real work environment.

The learner will be required to:

- AM-01-AT01: Repair a damaged door
- AM-01-AT02: Replace a damaged door
- AM-01-AT03: Replace a damaged mortice lock in a damaged wooden door
- AM-01-AT04: Repair a minor damage to a drywall
- AM-01-AT05: Repair a major damage to a drywall
- AM-01-AT06: Attach/hang an item (1kg – 5kg) to a wall

3.2.1.2 Guidelines for Application Skills Module

3.2.1.2.1 AM-01-AT01: Repair a damaged door

Scope of Application Skills Module

Given a damaged door, the learner must be able to:

- AT0101 Determine the damage – measurements, etc
- AT0102 Compile a purchase list - consumables, etc
- AT0103 Compile a cost list
- AT0104 Compile a quote

- AT0105 Remove the door from the doorpost
- AT0106 Steady the door
- AT0107 Make the repairs
- AT0108 Attach the door to the doorpost
- AT0109 Demonstrate how the respective tools will be used
- AT0110 Broken material and waste are suitably disposed of in accordance with industry accepted health and safety practices

Applied Knowledge

- AK0101 Methods and techniques
- AK0102 Procedures and processes
- AK0103 Types, properties, functions and maintenance of tools and equipment used for wooden door related tasks
- AK0104 Applicable occupational health and safety principles.

Internal Assessment Criteria

- IAC0101 Repair a damaged door
- IAC0102 Fit a door to a doorpost
- IAC0103 Sharpen a chisel

3.2.1.2.2 AM-01-AT02: Replace a damaged door

Scope of Application Skills

Given a damaged door, the learner must be able to:

- AT0201 Determine the damage – measurements
- AT0202 Compile a purchase list - suitable replacement door, consumables, etc.
- AT0203 Compile a cost list
- AT0204 Compile a quote
- AT0205 Secure and steady the door
- AT0206 Adjust the door to fit it into the doorpost
- AT0207 Attach door hinges
- AT0208 Attach the door to the doorpost
- AT0209 Insert a mortice lock
- AT0210 Demonstrate how the respective tools will be used
- AT0211 Broken material and waste are suitably disposed of in accordance with industry accepted health and safety practices

Applied Knowledge

- AK0201 Methods and techniques
- AK0202 Procedures and processes
- AK0203 Types, properties, functions and maintenance of tools and equipment used for wooden door related tasks
- AK0204 Applicable occupational health and safety principles

Internal Assessment Criteria

- IAC0201 Shape a door to fit into the original door frame
- IAC0202 Fit a mortice lock to a new door

3.2.1.2.3 AM-01-AT03: Replace a damaged mortice lock and block in a damaged wooden door

Scope of Application Skills

Given a door with a damaged mortise lock and block, the learner must be able to:

- AT0301 Determine the damage – measurements, etc
- AT0302 Compile a purchase list - suitable replacement lock, consumables, etc
- AT0303 Compile a cost list
- AT0304 Compile a quote
- AT0305 Measure where the lock will fit on the door
- AT0306 Secure and steady the door
- AT0307 Replace the block
- AT0308 Prepare the cavity for the lock
- AT0309 Install the lock
- AT0310 Demonstrate how the respective tools will be used
- AT0311 Broken material and waste are suitably disposed of in accordance with industry accepted health and safety practices

Applied Knowledge

- AK0301 Methods and techniques
- AK0302 Procedures and processes
- AK0303 Types, properties, functions and maintenance of tools and equipment used for wooden door related tasks
- AK0304 Hand and power drills
- AK0305 Drill bits and their purpose
- AK0306 Chisels
- AK0307 Maintenance of power drills, drill bits and chisels
- AK0308 Applicable occupational health and safety principles

Internal Assessment Criteria

- IAC0301 Make a mortise lock block
- IAC0302 Replace a damaged mortise lock block with a new one
- IAC0303 Prepare a woodcutting hand saw for storage

3.2.1.2.4 AM-01-AT04: Repair a minor damage to a drywall

Scope of Application Skills

Given a minor damaged dry wall panel, the learner must be able to:

- AT0401 Determine the damage – measurements, etc
- AT0402 Compile a purchase list - consumables, etc
- AT0403 Compile a cost list
- AT0404 Compile a quote
- AT0405 Repair minor damage to a drywall
- AT0406 Demonstrate how the respective tools will be used
- AT0407 Broken material and waste are suitably disposed of in accordance with industry accepted health and safety practices

Applied Knowledge

- AK0401 Methods and techniques.
- AK0402 Procedures and processes.
- AK0403 Types, properties, functions and maintenance of tools and equipment used for dry wall related tasks.

- AK0404 Applicable occupational health and safety principles.

Internal Assessment Criteria

- Continuous assessment must be conducted whilst the learner is being taught.

3.2.1.2.5 AM-01-AT05: Repair a major damage to a drywall

Scope of Application Skills

Given a major damaged drywall panel, the learner must be able to:

- AT0501 Determine the damage – measurements, etc
- AT0502 Compile a purchase list - consumables, etc
- AT0503 Compile a cost list
- AT0504 Compile a quote
- AT0505 Repair a large damaged area on a drywall
- AT0506 Demonstrate how the respective tools will be used
- AT0507 Broken material and waste are suitably disposed of in accordance with industry accepted health and safety practices

Applied Knowledge

- AK0501 Methods and techniques
- AK0502 Procedures and processes for
- AK0503 Types, properties, functions and maintenance of tools and equipment used for dry wall related tasks
- AK0504 Applicable occupational health and safety principles

Internal Assessment Criteria

- IAC0501 Repair a major damaged drywall.

3.2.1.2.6 AM-01-AT06: Attach/hang an item (1kg – 5kg) to a wall

Scope of Application Skills

Given a heavy item to be attached to a wall, the learner must be able to:

- AT0601 Compile a purchase list - consumables, etc
- AT0602 Compile a cost list
- AT0603 Compile a quote
- AT0604 Transfer the hole measurements to the wall
- AT0605 Drill the holes
- AT0606 Attach the item to the wall
- AT0607 Demonstrate how the respective tools will be used
- AT0608 Broken material and waste are suitably disposed of in accordance with industry accepted health and safety practices

Applied Knowledge

- AK0601 Methods and techniques
- AK0602 Procedures and processes
- AK0603 Types, properties, functions and maintenance of tools and equipment used to attach an item to a wall
- AK0605 Applicable occupational health and safety principles

Internal Assessment Criteria

- IAC0601 Attach a heavy item to a wall

3.2.1.3 Provider Programme Accreditation Criteria

Physical Requirements

Demonstrate access to:

- Hand tools per learner: hacksaw, builders line, chalk line, spirit level, carpenter's pencil, calking gun, club hammer, cold chisel, screw driver set, wood saw
- PPE per learner: safety goggles, safety shoes, gloves
- Access equipment according to task requirements
- Power tools: electric hammer drill, angle grinder, jigsaw

Human Resource Requirements

- Facilitator/learner at a recommended ratio 1 to 12
- Workshop assistant at a recommended learner ratio 1 to 4

Legal Requirements

- Compliant with OHS ACT requirements

3.2.1.4 Exemptions

- None

3.2.1 862202-000-00-SP01-AM-02, Repair, Replace and Maintain Electrical Related Failures NQF Level 3, Cr 2

3.2.2.1 Purpose of the Application Skills Module

The focus of the learning in this module is on providing the learner an opportunity to practice and understand the techniques, methods, sequencing and procedures to repair, replace and maintain electrical related failures. The applied modules should take place in a simulated or real work environment. The learning contract time, which is the time that reflects the required duration of enrolment for this module, is at least 2.5 days.

The learner will be required to:

- AM-02-AT01: Replace light bulbs and tubes
- AM-02-AT02: Fit a three-pin plug and a switch to an appliance
- AM-02-AT03: Extend a three/two core wire

3.2.2.2 Guidelines for Application Skills

3.2.2.2.1 AM-02-AT01: Replace light bulbs and tubes

Scope of Application Skills

Given light fittings with blown bulbs and tubes, the learner must be able to:

- AT0201 Compile a purchase list - consumables, etc
- AT0202 Compile a cost list
- AT0203 Compile a quote
- AT0204 Select the appropriate light or tube for the replacement
- AT0205 Remove and replace a failed bulb or tube
- AT0206 Broken material and waste are suitably disposed of in accordance with industry accepted health and safety practices

Applied Knowledge

- AK0201 The concept of energy efficiency
- AK0202 Difference, advantages and disadvantages of Incandescent, CFL and LED bulbs
- AK0203 Types, properties, functions and maintenance of tools and equipment used for electrical related tasks
- AK0204 Applicable occupational health and safety principles

Internal Assessment Criteria

- IAC0201 Replace a fluorescent tube
- Explain the advantages and disadvantages of incandescent, CFL and LED bulbs
- Describe the precautions that must be taken when working with electricity

3.2.2.2.2 AM-02-AT02: Fit a three-pin plug and a switch to an appliance

Scope of Application Skills

Given a three-pin plug, a toggle switch and an appliance with a cord, the learner must be able to:

- AT0201 Determine the task requirements – measurements, etc
- AT0202 Compile a purchase list - consumables, etc
- AT0203 Compile a cost list
- AT0204 Compile a quote
- AT0205 Determine the connecting points on the three-pin plug
- AT0206 Solder the conductor end tips that must be connected to the plug

- AT0207 Make the connection to the plug
- AT0208 Determine the connecting positions on the switch and make the connection
- AT0209 Demonstrate how the respective tools will be used
- AT0210 Broken material and waste are suitably disposed of in accordance with industry accepted health and safety practices

Applied Knowledge

- AK0201 Methods and techniques of connecting three-point plugs and switches to appliances.
- AK0202 The difference between the live, neutral and earth wire in relation to the mains.
- AK0203 Types, properties, functions and maintenance of tools and equipment used for electrical related tasks.
- AK0204 Applicable occupational health and safety principles.

Internal Assessment Criteria

- IAC0201 Wire a 3-pin plug.
- IAC0202 Wire a switch to an appliance.

3.2.2.2.3 AM-02-AT03: Extend a three/two core wire

Scope of Application Skills

Given two electric cords to be connected, the learner must be able to:

- AT0301 Determine the task requirements – measurements, etc
- AT0302 Compile a purchase list - consumables, etc
- AT0303 Compile a cost list
- AT0304 Compile a quote
- AT0305 Prepare the connection
- AT0306 Make the connection
- AT0307 Demonstrate how the respective tools will be used
- AT0308 Broken material and waste are suitably disposed of in accordance with industry accepted health and safety practices

Applied Knowledge

- AK0301 Methods and techniques
- AK0302 Procedures and processes
- AK0303 Types, properties, functions and maintenance of tools and equipment used for electrical related tasks
- AK0304 Applicable occupational health and safety principles

Internal Assessment Criteria

- IAC0301 Continues assessment must be conducted whilst the learner is being taught

3.2.2.3 Provider Accreditation Requirements for the Module

Physical Requirements

Demonstrate access to:

- Tools per learner: screw driver set and wire stripping tool
- PPE per learner: safety goggles, safety shoes, gloves
- Access equipment according to task requirements
- Facilities: area conducive for the installation of plugs and switches

Human Resource Requirements

- Facilitator/learner at a recommended ratio 1 to 12
- Workshop assistant at a recommended learner ratio 1 to 4

Legal Requirements

- Compliant with OHS ACT requirements

3.2.2.4 Exemptions

- None

3.3 862202-000-00-SP01-AM-03, Repair, Replace and Maintain Plumbing Related Failures NQF Level 3, Cr 4

3.3.1 Purpose of the Application Skills Module

The focus of the learning in this module is on providing the learner an opportunity to practice and understand the techniques, methods, sequencing and procedures to repair, replace and maintain plumbing related failures. The applied modules should take place in a simulated or real work environment. The learning contract time, which is the time that reflects the required duration of enrolment for this module, is at least 5.00 days.

The learner will be required to:

- AM-03-AT01: Repair a leaking cistern.
- AM-03-AT02: Repair a leaking tap.
- AM-03-AT03: Replace a damaged tap.
- AM-03-AT04: Clean blocked gutters and down pipes.
- AM-03-AT05: Unblock above ground drain system.

3.3.2 Guidelines for Application Skills

3.3.2.1 AM-03-AT01: Repair a leaking cistern

Scope of Application Skills:

Given a leaking cistern, the learner must be able to:

- AT0101 Determine the damage – measurements, etc.
- AT0102 Compile a purchase list - consumables, etc.
- AT0103 Compile a cost list.
- AT0104 Compile a quote.
- AT0105 Determine the type of cistern and the cause of the leak.
- AT0106 Purchase the part(s) to be replaced.
- AT0107 Turn the main water supply to the cistern off.
- AT0108 Remove the failed part(s) and replace it with the new part.
- AT0109 Reassemble the cistern and test for leaks.
- AT0110 Demonstrate how the respective tools will be used.
- AT0111 Broken material and waste are suitably disposed of in accordance with industry accepted health and safety practices.
- AT0112 Restore the work area.

Applied Knowledge

- AK0101 The operation of a cistern(s)
- AK0102 Types, properties, functions and maintenance of tools and equipment used for cistern related tasks
- AK0103 Applicable occupational health and safety principles

Internal Assessment Criteria

- IAC0101 Repair a fill valve
- IAC0102 Replace a fill valve

3.3.2.2 AM-03-AT02: Repair a leaking tap

Scope of Application Skills

Given a leaking tap, the learner must be able to:

- AT0201 Determine the damage – measurements, etc
- AT0202 Compile a purchase list - consumables, etc
- AT0203 Compile a cost list
- AT0204 Compile a quote
- AT0205 Determine the type of tap and the cause of the leak
- AT0206 Purchase the part(s) to be replaced
- AT0207 Turn the main water supply to the tap of.
- AT0208 Remove the failed part(s) and replace it with the new part
- AT0209 Reassemble the tap and test for leaks
- AT0210 Demonstrate how the respective tools will be used
- AT0211 Broken material and waste are suitably disposed of in accordance with industry accepted health and safety practices
- AT0212 Restore the work area

Applied Knowledge

- AK0201 The operation of a tap(s)
- AK0202 Procedures and processes for repairing damaged tap
- AK0203 Types, properties, functions and maintenance of tools and equipment used for tap related tasks
- AK0204 Applicable occupational health and safety principles

Internal Assessment Criteria

- IAC0201 Repair a leaking tap

3.3.3 AM-03-AT03: Replace a damaged tap

Scope of Application Skills

Given a damaged tap, the learner must be able to:

- AT0301 Determine the damage – measurements, etc
- AT0302 Compile a purchase list - consumables, etc
- AT0303 Compile a cost list
- AT0304 Compile a quote
- AT0305 Determine the type of tap
- AT0306 Purchase a replacement tap
- AT0307 Turn the main water supply to the tap off
- AT0308 Remove the failed tap and replace it with the new ta.
- AT0309 Test for leaks
- AT0310 Demonstrate how the respective tools will be used.
- AT0311 Broken material and waste are suitably disposed of in accordance with industry accepted health and safety practices
- AT0312 Restore the work area

Applied Knowledge

- AK0301 Different types of taps
- AK0302 Procedures and processes for replacing a failed tap
- AK0303 Types, properties, functions and maintenance of tools and equipment used for electrical tap tasks
- AK0304 Applicable occupational health and safety principles

Internal Assessment Criteria

- IAC0301 Replace a damaged tap

3.3.3.1 AM-03-AT04: Clean blocked gutters and down pipes

Scope of Application Skills

Given blocked gutters and down pipes, the learner must be able to:

- AT0401 Determine the damage – measurements, etc
- AT0402 Compile a purchase list - consumables, etc
- AT0403 Compile a cost list
- AT0404 Compile a quote
- AT0405 Clean partial and total gutter and downpipe blockages
- AT0406 Repair damaged sections of gutters and downpipes
- AT0407 Demonstrate how the respective tools will be used
- AT0408 Broken material and waste are suitably disposed of in accordance with industry accepted health and safety practices

Applied Knowledge

- AK0401 Causes of blocked gutters and down pipes
- AK0402 Procedures and processes for cleaning blocked gutters and down pipes
- AK0403 Types, properties, functions and maintenance of tools and equipment used for gutters and down pipe related tasks
- AK0404 Applicable occupational health and safety principles

Internal Assessment Criteria

- IAC 0401 Continued assessment must be conducted whilst the learner is being taught.

3.3.3.2 AM-03-AT05: Unblock above ground drain system

Scope of Application Skills

Given the relevant SANS codes of practice, the plans and specifications for the dwelling or building, any checklists, templates, forms or procedure information available, the learner must be able to:

- AT0501 Determine the damage – measurements, etc
- AT0502 Compile a purchase list - consumables, etc
- AT0503 Compile a cost list
- AT0504 Compile a quote
- AT0505 Clean partial and total drain blockages
- AT0506 Repair damaged sections of above ground uPVC drainage pipes
- AT0507 Demonstrate how the respective tools will be used
- AT0508 Broken material and waste are suitably disposed of in accordance with industry accepted health and safety practices

Applied Knowledge

- AK0501 Methods and techniques of cleaning drain blockages
- AK0502 Procedures and processes for repairing damaged sections of pipes
- AK0503 Types, properties, functions and maintenance of tools and equipment used for above ground drain related tasks
- AK0504 Applicable occupational health and safety principles

Internal Assessment Criteria

- IAC0501 Cleaning drain blockages; repairing damaged sections of pipes are undertaken in accordance with the required steps and procedures

- IAC0502 Maintenance and repairs are completed through adherence to industry accepted health and safety practices
- IAC0503 Maintenance and repairs are completed to reflect a fully functional above ground sanitary drainage systems that meet task specifications
- IAC0504 Broken material and blockages are suitably disposed of in accordance with industry accepted health and safety practices

3.4 Provider Accreditation Requirements for the Module

Physical Requirements

Demonstrate access to:

- Hand tools per learner: hacksaw, builders' line, chalk line, spirit level, carpenter's pencil, calking gun, club hammer, cold chisel, screw driver set, wood saw
- PPE per learner: safety goggles, safety shoes, gloves
- Water pipes and fittings per learner per module according to task requirements
- Access equipment according to task requirements
- Power tools: electric hammer drill, angle grinder, jig saw

Human Resource Requirements

- Facilitator at a recommended learner ratio 1 to 12
- Workshop assistant at a recommended /learner ratio 1 to 4

Legal Requirements

- Compliant with OHS ACT requirements

3.5 Exemptions

- None

4 862202-000-00-SP01-AM-04, Conduct Minor Painting Related Tasks and Window Repairs NQF Level 3, Cr 4

4.1 Purpose of the Application Skills Module

The focus of the learning in this module is on providing the learner an opportunity to practice and understand the techniques, methods, sequencing and procedures to conduct painting and glazier related tasks. The applied modules should take place in a simulated or real work environment. The learning contract time, which is the time that reflects the required duration of enrolment for this module, is at least 3.75 days.

The learner will be required to:

- AM-04-AT01: Paint and fill gaps or crevices
- AM-04-AT02: Paint a two-colour wall running diagonally across the wall
- AM-04-AT03: Paint a window frame
- AM-04-AT04: Replace a broken glass pane

4.2 Guidelines for Application Skills

4.2.1 AM-01-AT01: Paint and fill gaps or crevices

Scope of Application Skills

Given a wall with gaps and crevices, the learner must be able to:

- AT0101 Determine the damage – measurements, etc
- AT0102 Compile a purchase list - consumables, et.
- AT0103 Compile a cost list
- AT0104 Compile a quote
- AT0105 Prepare the work area
- AT0106 Prepare the gap or crevice for the filler
- AT0107 Fill the gap or crevice with a filler
- AT0108 Finish off the repaired area
- AT0109 Paint the repaired area
- AT0110 Demonstrate how the respective tools will be used
- AT0111 Broken material and waste are suitably disposed of in accordance with industry accepted health and safety practices
- AT0112 Restore the working area

Applied Knowledge

- AK0101 Methods and techniques of filling gaps or crevices
- AK0102 Types, properties, functions and maintenance of tools and equipment used for painting related tasks
- AK0103 Applicable occupational health and safety principles

Internal Assessment Criteria

- IAC0101 Fill cracks in a wall

4.2.2 AM-01-AT02: Paint a two-colour wall running diagonally across the wall

Scope of Application Skills

Given a previously painted wall to be repainted, the learner must be able to:

- AT0201 Determine the task requirements – measurements, etc
- AT0202 Compile a purchase list - consumables, etc
- AT0203 Compile a cost list
- AT0204 Compile a quote
- AT0205 Prepare the work area
- AT0206 Prepare the wall to be painted
- AT0207 Transfer the pattern onto the wall
- AT0208 Isolate the pattern from the rest of the wall
- AT0209 Paint the first colour
- AT0210 Paint the second colour
- AT0211 Demonstrate how the respective tools will be used
- AT0212 Broken material and waste are suitably disposed of in accordance with industry accepted health and safety practices
- AT0213 Restore the working area

Applied Knowledge

- AK0201 Different types of paint
- AK0202 Procedures and processes of painting a wall
- AK0203 Maintain and use applicable tools for the task
- AK0204 Chemical safety
- AK0204 Types, properties, functions and maintenance of tools and equipment used for painting related tasks
- AK0204 Applicable occupational health and safety principles

Internal Assessment Criteria

- IAC0201 Continued assessment must be conducted whilst the learner is being taught

4.2.3 AM-01-AT03: Paint a window frame

Scope of Application Skills

Given a window frame to be painted, the learner must be able to:

- AT0301 Determine the damage – measurements, etc
- AT0302 Compile a purchase list - consumables, etc
- AT0303 Compile a cost list
- AT0304 Compile a quote
- AT0305 Prepare the work area
- AT0306 Prepare the area to be painted
- AT0307 Paint the window pane
- AT0308 Clean possible spills
- AT0309 Demonstrate how the respective tools will be used
- AT0310 Broken material and waste are suitably disposed of in accordance with industry accepted health and safety practices
- AT0311 Restore the working area

Applied Knowledge

- AK0301 Procedures and processes of painting a window frame
- AK0302 Types, properties, functions and maintenance of tools and equipment used for painting related tasks
- AK0303 Applicable occupational health and safety principles

Internal Assessment Criteria

- IAC0301 Paint a window frame

4.2.4 AM-01-AT04: Replace a broken glass pane

Scope of Application Skills

Given a window frame with a broken glass pane, the learner must be able to:

- AT0401 Determine the damage – measurements
- AT0402 Compile a purchase list - suitable replacement glass pane, consumables, etc
- AT0403 Compile a cost list
- AT0404 Compile a quote
- AT0405 Remove the shattered glass
- AT0406 Prepare the frame for the new glass pane
- AT0407 Fit and secure the glass pane
- AT0408 Demonstrate how the respective tools will be used
- AT0409 Broken material and waste are suitably disposed of in accordance with industry accepted health and safety practices
- AT0409 Restore the work area

Applied Knowledge

- AK0401 Methods and techniques
- AK0402 Procedures and processes
- AK0403 Types, properties, functions and maintenance of tools and equipment used for wooden door related tasks
- AK0404 Applicable occupational health and safety principles

Internal Assessment Criteria

- IAC0401 Clear that window frame
- IAC0402 Fit a glass pane into a window frame

4.3 Provider Programme Accreditation Criteria

Physical Requirements

Demonstrate access to:

- Hand tools per learner: hacksaw, builders line, chalk line, spirit level, carpenter's pencil, calking gun, club hammer, cold chisel, screw driver set, wood saw
- PPE per learner: safety goggles, safety shoes, gloves
- Access equipment according to task requirements
- Power tools: electric hammer drill, angle grinder, jig saw

Human Resource Requirements

- Facilitator/learner at a recommended ratio 1 to 12
- Workshop assistant at a recommended learner ratio 1 to 4

Legal Requirements

- Compliant with OHS ACT requirements

.4 Exemptions

- None

- **862202-000-00-SP01-AM-05, Repair Damaged Fences NQF Level 3, Cr 3**

1.1. Purpose of the Application Skills Module

The focus of the learning in this module is on providing the learner an opportunity to practice and understand the techniques, methods, sequencing and procedures to repair damaged fences. The applied modules should take place in a simulated or real work environment. The learning contract time, which is the time that reflects the required duration of enrolment for this module, is at least 3.75 days.

The learner will be required to:

- AM-05-AT01: Repair a damaged wooden picket fence
- AM-05-AT02: Repair a damaged wire mesh fence

1.2. Guidelines for Application Skills

1.2.1. AM-02-AT01: Repair a damaged wooden picket fence

Scope of Application Skills

Given a damaged wooden picket fence, the learner must be able to:

- AT0101 Determine the damage – measurements, etc
- AT0102 Compile a purchase list - consumables, etc
- AT0103 Compile a cost list
- AT0104 Compile a quote
- AT0105 Assess the damage to the picket fence
- AT0106 Make a replacement for the damaged part of the fence
- AT0107 Replace the damaged part
- AT0108 Finish the picket fence to its original state
- AT0109 Demonstrate how the respective tools will be used
- AT0110 Broken material and waste are suitably disposed of in accordance with industry accepted health and safety practices

Applied Knowledge

- AK0101 Methods and techniques of copying the plan of the part to be replaced
- AK0102 Procedures and processes for making the replacement part
- AK0103 Procedures and processes for replacing the damaged part
- AK0104 Types, properties, functions and maintenance of tools and equipment used for fence repairing related tasks
- AK0105 Applicable occupational health and safety principles

Internal Assessment Criteria

- IAC0101 Draw a pattern of the damaged part to be replaced
- IAC0102 Construct the new part

1.2.2. AM-02-AT02: Repair a damaged wire fence

Scope of Application Skills

Given a damaged wire fence, the learner must be able to:

- AT0201 Determine the damage – measurements, etc
- AT0202 Compile a purchase list - consumables, etc

- AT0203 Compile a cost list
- AT0204 Compile a quote
- AT0205 Replace a damaged area of a wire fence
- AT0206 Replace a fence pole
- AT0207 Restore the tension of the fence
- AT0208 Repair a wire gate
- AT0209 Demonstrate how the respective tools will be used
- AT0210 Broken material and waste are suitably disposed of in accordance with industry accepted health and safety practices

Applied Knowledge

- AK0201 Methods and techniques
- AK0202 Procedures and processes
- AK0202 Types, properties, functions and maintenance of tools and equipment used for fence repairing related tasks
- AK0203 Applicable occupational health and safety principles

Internal Assessment Criteria

- IAC0201 Continued assessment must be conducted whilst the learner is being taught

1.3. Provider Accreditation Requirements for the Module

Physical Requirements

Demonstrate access to:

- Hand tools per learner: hacksaw, builders' line, chalk line, spirit level, carpenter's pencil, calking gun, club hammer, cold chisel, screw driver set, wood saw
- PPE per learner: safety goggles, safety shoes, gloves
- Access equipment according to task requirements
- Power tools: electric hammer drill, angle grinder, jig saw

Human Resource Requirements

- Facilitator at a recommended learner ratio 1 to 12
- Workshop assistant at a recommended /learner ratio 1 to 4

Legal Requirements

- Compliant with OHS ACT requirements

1.4. Exemptions

- None

- **862202-000-00-SP01-AM-06, Make Minor Garden Support Repairs NQF Level 3, Cr 3**

1.5. Purpose of the Application Skills Module

The focus of the learning in this module is on providing the learner an opportunity to practice and understand the techniques, methods, sequencing and procedures to make minor garden support repairs. The applied modules should take place in a simulated or real work environment. The learning contract time, which is the time that reflects the required duration of enrolment for this module, is at least 3.75 days.

The learner will be required to:

- AM-06-AT01: Repair a damaged PVC or rubber pipe
- AM-06-AT02: Repair a wooden garden structure
- AM-06-AT03: Repair a concrete garden decoration

1.6. Guidelines for Application Skills

1.6.1. AM-06-AT01: Repair a damaged sprinkler pipe

Scope of Application Skills

- Given a damaged sprinkler system main pipe, the learner must be able to:
- AT0101 Determine the damage – measurements, etc
- AT0102 Compile a purchase list - consumables, etc
- AT0103 Compile a cost list
- AT0104 Compile a quote
- AT0105 Prepare the pipe for the repair
- AT0106 Repair the pipe
- AT0107 Demonstrate how the respective tools will be used
- AT0108 Broken material and waste are suitably disposed of in accordance with industry accepted health and safety practices

Applied Knowledge

- AK0101 Procedures and techniques
- AK0102 Procedures, techniques and methods of
- AK0103 Types, properties, functions and maintenance of tools and equipment used for garden sprinkler related tasks
- AK0104 Applicable occupational health and safety principles

Internal Assessment Criteria

- IAC0101 Repair a PVC pipe

1.6.2. AM-03-AT02: Repair a wooden garden structure

Scope of Application Skills

Given a damaged wooden garden structure, the learner must be able to:

- AT0201 Determine the damage – measurements, etc
- AT0202 Compile a purchase list - consumables, etc
- AT0203 Compile a cost list
- AT0204 Compile a quote
- AT0205 Prepare the structure for the repair
- AT0206 Repair the structure
- AT0207 Demonstrate how the respective tools will be used
- AT0208 Broken material and waste are suitably disposed of in accordance with industry accepted health and safety practices

Applied Knowledge

- AK0201 Procedures and techniques
- AK0202 Procedures, techniques and methods of
- AK0203 Types, properties, functions and maintenance of tools and equipment used for garden structures related tasks
- AK0204 Applicable occupational health and safety principles

Internal Assessment Criteria

- IAC0201 Continues assessment must be conducted whilst the learner is being taught

1.6.3. AM-06-AT03: Repair a concrete garden decoration

Scope of Application Skills

Given a damaged concrete garden decoration, the learner must be able to:

- AT0301 Determine the damage – measurements, etc
- AT0302 Compile a purchase list - consumables, etc
- AT0303 Compile a cost list

- AT0304 Compile a quote
- AT0305 Prepare the area to be fixed
- AT0306 Repair the structure
- AT0307 Demonstrate how the respective tools will be used
- AT0308 Broken material and waste are suitably disposed of in accordance with industry accepted health and safety practices

Applied Knowledge

- AK0301 Procedures and techniques
- AK0302 Procedures, techniques and methods of
- AK0303 Types, properties, functions and maintenance of tools and equipment used for concrete related tasks
- AK0304 Applicable occupational health and safety principles

Internal Assessment Criteria

- IAC0301 Continues assessment must be conducted whilst the learner is being taught

1.7. Provider Accreditation Requirements for the Module

Physical Requirements

Demonstrate access to:

- Hand tools per learner: hacksaw, builders' line, chalk line, spirit level, carpenter's pencil, calking gun, club hammer, cold chisel, screw driver set, wood saw
- PPE per learner: safety goggles, safety shoes, gloves
- Access equipment according to task requirements
- Power tools: electric hammer drill, angle grinder, jig saw

Human Resource Requirements

- Facilitator at a recommended learner ratio 1 to 12
- Workshop assistant at a recommended /learner ratio 1 to 4

Legal Requirements

- Compliant with OHS ACT requirements

1.8. Exemptions

- None

862202-000-00-SP01-AM-07, Conduct Minor Paving and Tiling Repairs NQF Level 3, Cr 4

1.9. Purpose of the Application Skills Module

The focus of the learning in this module is on providing the learner an opportunity to practice and understand the techniques, methods, sequencing and procedures to conduct minor paving and tiling repairs. The applied modules should take place in a simulated or real work environment. The learning contract time, which is the time that reflects the required duration of enrolment for this module, is at least 5.00 days.

The learner will be required to:

- AM-07-AT01: Repair a damaged interlocking brick paving
- AM-07-AT02: Repair a concrete paving
- AM-07-AT04: Replace broken wall tiles

1.10. Guidelines for Application Skills

1.10.1. AM-07-AT01: Repair a damaged interlocking brick paving

Scope of Application Skills

Given a damaged interlocking brick paved area, the learner must be able to:

- AT0101 Determine the damage – measurements, etc
- AT0102 Compile a purchase list - consumables, etc
- AT0103 Compile a cost list
- AT0104 Compile a quote
- AT0105 Remove the broken bricks
- AT0106 Prepare the base and surrounding area for the new brick
- AT0107 Fit the new brick
- AT0108 Demonstrate how the respective tools will be used
- AT0109 Broken material and waste are suitably disposed of in accordance with industry accepted health and safety practices

Applied Knowledge

- AK0101 Procedures and techniques
- AK0102 Procedures, techniques and methods
- AK0103 Types, properties, functions and maintenance of tools and equipment used for brick paving related tasks
- AK0104 Applicable occupational health and safety principles

Internal Assessment Criteria

- IAC0101 Replace a damaged interlocking paving brick

1.10.2. AM-07-AT02: Repair a concrete paving

Scope of Application Skills

Given a damaged concrete paved area, the learner must be able to:

- AT0201 Determine the damage – measurements, etc
- AT0202 Compile a purchase list - consumables, etc
- AT0203 Compile a cost list
- AT0204 Compile a quote
- AT0205 Remove the damaged area
- AT0206 Prepare the surrounding area for the replacement
- AT0207 Fill the cavity
- AT0208 Demonstrate how the respective tools will be used

- AT0209 Broken material and waste are suitably disposed of in accordance with industry accepted health and safety practices

Applied Knowledge

- AK0201 Procedures and techniques of mixing and curing the concrete
- AK0202 Procedures, techniques and methods
- AK0203 Types, properties, functions and maintenance of tools and equipment used for concrete paving related tasks
- AK0204 Applicable occupational health and safety principles

Internal Assessment Criteria

- IAC0201 Continues assessment must be conducted whilst the learner is being taught

1.10.3. AM-07-AT04: Replace broken wall tiles

Scope of Application Skills

Given a wall with broken tiles, the learner must be able to:

- AT0401 Determine the damage – measurements, etc
- AT0402 Compile a purchase list - consumables, etc
- AT0403 Compile a cost list
- AT0404 Compile a quote
- AT0405 Prepare the area to be fixed
- AT0406 Fit new tiles
- AT0407 Demonstrate how the respective tools will be used
- AT0408 Broken material and waste are suitably disposed of in accordance with industry accepted health and safety practices

Applied Knowledge

- AK0401 Procedures and techniques
- AK0402 Procedures, techniques and methods
- AK0403 Types, properties, functions and maintenance of tools and equipment used for tiling related tasks
- AK0404 Applicable occupational health and safety principles

Internal Assessment Criteria

- IAC0401 Replace broken wall tiles

1.11. Provider Accreditation Requirements for the Module

Physical Requirements

Demonstrate access to:

- Hand tools per learner: hacksaw, builders' line, chalk line, spirit level, carpenter's pencil, calking gun, club hammer, cold chisel, screw driver set, wood saw
- PPE per learner: safety goggles, safety shoes, gloves
- Access equipment according to task requirements
- Power tools: electric hammer drill, angle grinder, jig saw

Human Resource Requirements

- Facilitator at a recommended learner ratio 1 to 12

- Workshop assistant at a recommended /learner ratio 1 to 4

Legal Requirements

- Compliant with OHS ACT requirements

1.12. Exemptions

- None