

No. 982

6 October 2006



SOUTH AFRICAN QUALIFICATIONS AUTHORITY (SAQA)

In accordance with regulation 24(c) of the National Standards Bodies Regulations of 28 March 1998, the Standards Generating Body (SGB) for

Building Construction

Registered by Organising Field 12, Physical Planning and Construction, publishes the following qualification and unit standards for public comment.

This notice contains the titles, fields, sub-fields, NQF levels, credits, and purpose of the qualification and unit standards upon which qualifications are based. The full qualification and unit standards can be accessed via the SAQA web-site at www.saga.org.za. Copies may also be obtained from the Directorate of Standards Setting and Development at the SAQA offices, Hatfield Forum West, 1067 Arcadia Street, Hatfield.

Comment on the qualification and unit standards should reach SAQA at the address *below and no later than 5 November 2005*. All correspondence should be marked **Standards Setting – SGB Building Construction** and addressed to

The Director: Standards Setting and Development
SAQA
Attention: Mr. D Mphuthing
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DR. S. BHIKKHA
DIRECTOR: STANDARDS SETTING AND DEVELOPMENT



SAQA QUAL ID		QUALIFICATION TITLE		
57691		National Certificate: Construction Painting		
SGB NAME		ORGANISING FIELD ID	PROVIDER NAME	
SGB Building Construction		12		
QUAL TYPE		ORGANISING FIELD DESCRIPTION	SUBFIELD	
National Certificate		Physical Planning and Construction	Building Construction	
ABET BAND	MINIMUM CREDITS	NQF LEVEL	QUALIFICATION CLASS	
Undefined	141	Level 3	Regular-Unit Stds Based	

PURPOSE AND RATIONALE OF THE QUALIFICATION

Purpose:

Typically, qualifying learners are employed in the construction sector as painters, or are self-employed as micro-enterprise owners who provide services to construction contractors and members of the public (e.g. private households). Consequently, this employment sector consists of many small and micro-enterprises.

Qualifying learners are capable of:

- > Planning for construction painting.
- > Establishing work areas.
- > Preparing surfaces.
- > Painting surfaces.
- > Managing a construction painting business and customers.
- > Applying an additional type of coat to surfaces.

Rationale:

This qualification:

- > Encourages individual entrepreneurship and job creation.
- > Supports redress and provides access to employment opportunities.
- > Promotes career advancement and further learning.
- > Results in transformation/social upliftment of individuals, communities and the South African society at large.

Most learners taking this qualification teaching/learning programme have not had access to structured skills training in the past, and therefore their competence has not been formally recognised.

Although they may have been economically active within the area of construction painting for many years, most unqualified construction painters have gained their experience in workplaces where little attention was paid to efficient, correct performance within acceptable time/production rates.

The qualification not only allows qualifying learners to gain access to the formal construction sector, but also recognises any previously acquired competence that current workers in the sector may hold and improves their employability prospects.

Personal career development and job satisfaction, social and economic transformation not only of persons who are skilled in painting and decorating, but of their local communities and the national economy, are

further benefits to be derived from the skills enhancement gained through achievement of this qualification.

This qualification will support the creation of a larger community of competent construction painters and ensure that this sector of the national economy is positively sustained.

The range of competencies achieved by learners who successfully complete this qualification is transferable to other areas of training and fields of operation, thereby providing a basis for further learning in the construction sector, as well as possibilities of transferring into other fields of economic activity/employment.

The construction sector requires a specific focus on quality management to ensure implementation compliant with Health and Safety Regulations. To ensure sustainability and a positive image of their businesses, employers demand high performance standards and quality workmanship. Qualified construction painters will deliver services of competitive quality; their earning ability will be increased.

RECOGNIZE PREVIOUS LEARNING?

Y

LEARNING ASSUMED TO BE IN PLACE

It is assumed that learners are already competent in the following:

- > Communication at NQF Level 2.
- > Mathematical Literacy at NQF Level 2.

Recognition of prior learning (RPL)

This qualification can be achieved wholly, or in part, through RPL. Evidence can be presented in a variety of forms, including previous international or local qualifications, reports, testimonials, mentoring, functions performed, portfolios, work records and performance records.

As such, evidence should be judged according to the general principles of assessment described in the notes to assessors (below). Learners who have met the requirements of any Unit Standard that forms part of this qualification may apply to the relevant Education and Training Quality Assurance body (ETQA) for admission to RPL processes. The applicant must be assessed against the specific outcomes and with the assessment criteria for the relevant Unit Standards.

A qualification will be awarded to a learner who demonstrates that the exit level outcomes of the qualification have been attained.

Access to the qualification

Access to the qualification is open, except where there are restrictions placed on learners, based on their physical ability to adhere to legal occupational health, safety and environment standards which may prevent them from gaining access to this qualification.

QUALIFICATION RULES

All the following Unit Standards are compulsory:

- > Fundamental: (36 credits).
- > Core: (81 credits).
- > Elective: (24 credits minimum).
- > Total: 121 credits (minimum).

Learners must choose Electives from either Painting or Business unit standards.

Elective for Painting:

Unit Standard Title

- > Apply paint by spray, Level: 3, 8 credits.
- > Apply special surface coatings (14493), Level: 4, 8 credits.
- > Apply wallpaper (14494), Level: 3, 8 credits.
- > Apply industrial protective coatings (14491), Level: 4, 8 credits.
- > Identify, interpret and produce working piping drawings (14492), Level: 4, 6 credits.

Elective for Business

Unit Standard Title

- > Administer payments and expenses (117420), Level: 3, 4 credits.
- > Conduct follow-up with customers to evaluate satisfaction levels (10038), Level: 4, 14 credits.
- > Describe features, advantages and benefits of a range of products or services (10324), Level: 4, 6 credits.
- > Identify and utilise marketing resources to meet objectives (10013), Level: 4, 4 credits.
- > Identify customers of the business (10015), Level: 4, 4 credits.
- > Implement marketing activity plans to meet agreed deadlines (10040), Level: 4, 14 credits.
- > Liaise with a range of customers of a business (10024), Level: 4, 4 credits.
- > Take orders from customers to fulfill a need for goods and/or service (10037), Level: 4, 10 credits.
- > Interpret current affairs related to a specific business sector (14665), Level: 3, 10 credits.
- > Manage time and the work process in a business environment (13918), Level: 3, 4 credits.
- > Tender for business or work in a selected new venture (119712), Level: 3, 8 credits.

EXIT LEVEL OUTCOMES

1. Plan construction painting.
2. Establish work areas.
3. Prepare surfaces.
4. Paint surfaces.

ASSOCIATED ASSESSMENT CRITERIA

1.
 - > Quantities are estimated and calculated to meet specific job requirements.
Range: Quantities include production rate estimation and calculation of time duration for work activities, estimation of quantity of materials, tools and equipment, labour required, and costs.
 - > Solutions are proposed to meet specific contexts.
 - > Work plans are drawn up to meet specified requirements.
Range: Specified requirements can include budget requirements, client requirements, painting requirements, legal requirements, etc.
2.
 - > Access equipment is installed to meet safety and specific context requirements.
 - > Health and safety requirements are observed as work is conducted.
3.
 - > Surfaces are prepared for the application of primer and paint according to surface condition and sequence requirements.
 - > Tools, materials and equipment are selected according to their purpose and are used according to specifications.
4.
 - > Tools, materials and equipment are selected according to their purpose and are used according to specifications.
 - > Painting is done to meet specified requirements for quality.
 - > Work is done according to deadlines and time frames.

Integrated assessment

Assessment criteria in the unit standards are performance-based, assessing applied competence, rather than underpinning knowledge only. The Critical Cross-Field Outcomes are also achieved in the Unit Standards. In addition to the competence assessed to achieve individual Unit Standards, in order to qualify, learners must demonstrate that they can achieve the outcomes in an integrated manner, dealing effectively with different and random demands related to occupational and learning contexts, and assessment approaches used should be appropriate for assessing applied competence. Integrated assessment is meaningful if there are clear relationships between the:

- > Purpose statement.
- > Exit level outcomes.
- > Integrated assessment of this qualification.

To achieve the purpose of the qualification, learners who qualify must be able to integrate concepts, ideas and behaviour across all the unit standards. Evidence (as specified in the associated assessment criteria) is required to demonstrate that the learner is able to achieve the exit level outcomes of the qualification as a

whole and in an integrated way.

Evidence of integration may be presented by learners when being assessed against the unit standards, in which case separate assessment for integration may not be necessary.

Workplace experience can be recognised when assessing towards this qualification.

Integrated assessment should include observable performance as well as the quality of thinking behind such performance.

To ensure that integration takes place when summative assessment is employed, formative assessment can be employed during learning towards the unit standards and during integration to achieve exit level outcomes.

INTERNATIONAL COMPARABILITY

For best practice, comparisons were made with Qualifications and Training offered in the European Union, Australia, New Zealand and various African countries for which information was available as they known for quality workmanship in regard to painting.

The European Union has accepted a Certificate that is offered in Finland as suitable for all countries in the Union. The upper secondary level (the equivalent of this South African qualification) Vocational Qualification in Surface Treatment Technology: Painting is worth 120 credits, achieved over a 3 * year period and is workplace-based. The qualification includes the following, compared to the South African qualification:

Vocational Qualification in Surface Treatment Technology: Painting

- > Perform construction painting tasks, SA qualification: Included.
- > Perform painting, wallpapering and other wall covering tasks in flats according to work specifications, SA qualification: Included (wallpapering is elective).
- > Paint ordinary decorative ornaments, text and lines and also use stencils, SA qualification: Not included.
- > Use common measuring devices applied in quality control, SA qualification: Included.
- > Calculate the costs of materials and of their own work, SA qualification: Included.
- > Work in a customer-focused manner, SA qualification: Included.
- > Identify common surface treated materials and be familiar with their properties, SA qualification: Included.
- > Use different surface treatment agents according to their applications, user instructions and occupational safety regulations, SA qualification: Included.
- > Use the most common hand tools applied in repair and servicing tasks, SA qualification: Included.
- > Carry out visual evaluations of the quality of treated surfaces and estimate tone variations, SA qualification: Included.
- > Perform the most common measurements related to surface treatment and inspections of completed surfaces, SA qualification: Included.
- > Read and internalise specifications and working diagrams related to surface treatment, SA qualification: Included.
- > Safely use electrical and compressed air equipment used in the surface treatment field, SA qualification: Included.
- > Use materials economically and ensure their proper storage, SA qualification: Included.
- > Work so as to take occupational safety regulations into account and be familiar with the relevant contracts of employment, SA qualification: Included.
- > Work economically and so as to take environmental protection considerations into account, SA qualification: Included.

In the United Kingdom, related qualifications include:

- > Certificate in Coatings Technology (Level 3).
- > National Vocational Qualification in Decorative Occupations (Construction)(Level 3).
- > Advanced Construction Award (Level 3).

Various units contained in these United Kingdom qualifications are also included in the South African qualification:

United Kingdom

- > Apply basic specialist paint finishes, SA qualification: Core.
- > Apply paint materials by brush and roller, SA qualification: Core.
- > Apply paint systems by brush and roller, SA qualification: Core.

- > Carry out basic repairs to walls and paintwork, SA qualification: Core.
- > Co-ordinate activities to paint by brush and roller, SA qualification: Higher level,
- > Co-ordinate activities to prepare and apply paint systems by brush, roller and spray, SA qualification: Higher level.
- > Co-ordinate activities to prepare and paint interiors and exteriors by brush and roller, SA qualification: Higher level.
- > Co-ordinate activities to produce decorative specialist paint finishes - advanced, SA qualification: Higher level.
- > Create special paint effects, SA qualification: Elective.
- > Creating special paint finishes, SA qualification: Elective.
- > Decorative paint techniques, SA qualification: Elective.
- > Evaluation of paints - chemical and environment properties, SA qualification: Core.
- > Evaluation of paints - physical properties, SA qualification: Core.
- > Paint a wall to an acceptable emulsion finish (entry 2), SA qualification: Core.
- > Paint application - spraying, SA qualification: Elective.
- > Paint Spraying with Conventional Air-atomising Systems or HVLP Systems, SA qualification: Elective.
- > Paint Spraying with Conventional Air-atomising Systems, HVLP Systems and Airless Systems, SA qualification: Elective.

Similarly, Danish programmes combine painting and varnishing, or painting and decorating in equivalent level qualifications of approximately 3 years (depending on the learning approach used). The qualifications include some components not found in the South African qualification that focuses on restoration and preservation of historical buildings and monuments, and a building and corrosion protection specialty. Compared with the South African qualification, the following was found:

Denmark

- > Apply ceiling, wall and floor coverings, South Africa: Core.
- > Assemble and disassemble scaffolding, operate vertical lift working platforms, set up and maintain hoists and conveyors, South Africa: Core, scaffolding only.
- > Carry out concrete protection measures, South Africa: Elective.
- > Carry out corrosion protection measures, South Africa: Elective.
- > Carry out energy saving measures, South Africa: Not included.
- > Carry out fire protection and insulation measures, South Africa: Not included.
- > Carry out interior finishing and installation work, South Africa: Elective.
- > Carry out measurements and document the results, South Africa: Fundamental.
- > Carry out plasterwork, insulation and dry wall work, South Africa: Not included.
- > Carry out protective measures for surfaces which are not to be processed and on objects, South Africa: Core.
- > Carry out reconstruction work and produce reproductions, South Africa: Not included.
- > Check and evaluate undersurfaces and prepare them for coating, South Africa: Core.
- > Carry out restoration measures within the framework of the preservation of historical monuments, South Africa: Not included.
- > Carry out safety designation and street marking, South Africa: Core, integrated.
- > Carry out wood and building protection measures, South Africa: Elective.
- > Construct housings and casings, South Africa: Not included.
- > Draw up and realize plans for room and facade design, South Africa: Not included.
- > Maintain and restore surfaces, South Africa: Core.
- > Maintain buildings and plant and carry out repair work, South Africa: Partially in Core.
- > Practice historical and creative work techniques, South Africa: Not included.
- > Process materials and components, South Africa: Core.
- > Produce coating and other materials according to historical recipes, South Africa: Not included.
- > Produce lettering and signs, South Africa: Not included.
- > Select, set up, operate and maintain implements, tools, machines and equipment for the job, South Africa: Core.
- > Set up, operate and maintain blasting plant, South Africa: Not included.
- > Treat, coat, cover and design surfaces, South Africa: Core, except design.

Botswana aligns its programmes for construction painting with those credited by the Scottish Qualifications Authority. The qualifications are generally at a level below this South African qualification, for example, the Gaborone Technical College Painting and Decorating Certificate (NCC), the Jwaneng Technical College Painting and Decorating Certificate, the Palapye Technical College Painting and Decorating Certificate, and the Maun Technical College Painting and Decoration Certificate. The Scottish framework includes an equivalent level qualification that compares as follows with the South African qualification:

Botswana/Scottish Vocational Qualification - Construction: Painting and Decorating

- > Communications (mandatory), SA qualification: Fundamental.
- > Numeracy (mandatory), SA qualification: Fundamental.
- > Entrepreneurship (mandatory), SA qualification: Fundamental.
- > Personal & Interpersonal Skills (mandatory), SA qualification: Integrated.
- > Contribute to establishing the operational area, SA qualification: Core.
- > Contribute to the progress of operations, SA qualification: Core.
- > Erect and dismantle working platforms, SA qualification: Core.
- > Assist with the organisation of resources, SA qualification: Core.
- > Provide temporary protection to work areas, SA qualification: Core.
- > Prepare surfaces for the application of decorative/protective finishes, SA qualification: Core.
- > Apply paint systems by brush and roller, SA qualification: Core.
- > Apply wall coverings to non-complex locations, SA qualification: Elective.
- > Produce decorative specialist paint finishes - basic, SA qualification: Elective.
- > Paint spraying with conventional air-atomising systems, HVLP systems and airless systems, SA qualification: Elective.
- > CITB Health and Safety Test, SA qualification: Integrated.

In Tanzania, one-year courses for painting and decorating are offered. They include:

Tanzania

- > Prepare structural surfaces for paint, South Africa: Core.
- > Apply decorative and protective coatings on buildings, motor vehicles and articles of wood, metal, textile and other materials, South Africa: Core (buildings only).
- > Methods of erecting ladders and scaffolding for higher structures, South Africa: Core.
- > Use of abrasive materials, South Africa: Core.
- > Methods of paints application including spraying, grazing, removal of old paint, South Africa: Core and elective.
- > Visual environment and aesthetic aspects of colour etc., South Africa: Core and Elective.
- > Compressors, condensers, cores and pipes, South Africa: Elective.
- > How to remove and replace defective parts by sewing, bolting, riveting, welding and brazing, South Africa: Partially, Core.

Canadian education and training of construction painters includes an apprenticeship that combines on-the-job (practical) experience with in-school (technical) training and runs for two to three years, depending on the workplace component. The training comprises about 450 hours contact time (in the classroom) and 5400 hours in the workplace (not all this time is spent learning). This is longer than the credits of the South African qualification imply, and the entry requirements imply a level above the South African qualification. The Canadian qualification is divided into three levels, which may explain the difference in implied duration. The implied difference in duration between the Canadian and South African qualifications may also be due to the fact that the South African qualification does not address design aspects. Comparison with the South African qualification is as follows:

Canada

Level 1

- > Safety regulations and procedures, South Africa: Integrated.
- > Tools and equipment, South Africa: Core.
- > Trade math, South Africa: Fundamental.
- > Surface preparation, South Africa: Core.
- > Coating systems, South Africa: Core.
- > Colour match, South Africa: Core.
- > Lining and graphics layout, South Africa: Not included.
- > Spray painting, South Africa: Elective.
- > Blueprints and related documents, South Africa: Core.

Level 2

- > Surface Preparation, South Africa: Core.
- > Coating Systems, South Africa: Core.
- > Colour Match, South Africa: Core.
- > Spray-painting, South Africa: Elective.
- > Wood Finishing, South Africa: Partially, in Core.
- > Wall coverings, South Africa: Elective,

Level 3

- > Trade math, South Africa: Fundamental.
- > Lining and graphics layout, South Africa: Not included.
- > Spray painting, South Africa: Elective.
- > Wall covering, South Africa: Elective.
- > Blueprints and related documents, South Africa: Core.
- > Decorative finishing, South Africa: Elective.

Optional: Industrial painting

- > Safety overview, South Africa: Integrated.
- > Respiratory protection, South Africa: Integrated.
- > Confined space work, South Africa: Not included.
- > Fall protection, South Africa: Integrated.
- > Ladders, scaffolds, platforms, South Africa: Partially, in Core.
- > Surface preparation, South Africa: Core.
- > Lead based paint abatement, South Africa: Elective.
- > Industrial coatings, South Africa: Elective.
- > Spray-painting equipment, South Africa: Elective.
- > Fiberglass reinforcing plastic, South Africa: Not included.
- > Flame spray, South Africa: Not included.
- > Environmental overview, South Africa: Integrated.

The New Zealand framework contains one equivalent qualification, namely, a National Certificate in Painting with optional strands in Wall Coverings, Spray Techniques, Specialised Coatings, and Industrial Coatings. Comparable unit standards include:

- > Describe, select, use, and maintain paint brushes (8 credits, level 2).
- > Describe, select, use, and maintain paint rollers (8 credits, level 2).
- > Apply surface coatings to new and previously coated cement and plaster surfaces (9 credits, level 3).
- > Apply surface coatings to new and previously coated timber and reconstituted wood surfaces (11 credits, level 3).
- > Prepare colour schemes (7 credits, level 4).
- > Produce broken colour and multicolour effects and blend colours on building surfaces (9 credits, level 4).

The South African qualification is different in that it requires competence in most areas at or above the level of the qualification.

The Australian framework contains an equivalent construction qualification: Certificate III in Painting and Decoration. This qualification includes the following components, contained in the South African equivalent as well:

- > Follow OH&S policies and procedures.
- > Work effectively in the general construction industry.
- > Plan and organise work.
- > Conduct workplace communication.
- > Carry out measurements and calculations.
- > Read and interpret plans and specifications.
- > Erect and dismantle restricted height scaffolding.
- > Handle painting and decorating materials.
- > Use painting and decorating tools and equipment.
- > Prepare surfaces for painting.
- > Apply paint by brush and roller.
- > Apply texture coat paint finishes by brush, roller and spray.
- > Apply paint by spray.
- > Match specified paint colour.
- > Apply wallpaper.
- > Apply decorative paint finishes.
- > Research business opportunities.

Components in the Australian qualification not addressed in the South African qualification due to legal and specific context requirements are:

- > Operate elevated work platforms.
- > Glaze/reglaze residential windows and doors.

- > Prepare surfaces by abrasive blasting - basic.
- > Prepare surfaces by abrasive blasting - advanced.
- > Treat lead paint hazards.
- > Apply stains and clear timber finishes.
- > Remove and replace doors and door and window furniture.
- > Remove graffiti and apply protective coatings.
- > Apply protective paint coating systems.
- > Apply advanced wallpaper techniques.
- > Apply trowelled texture-coat finishes.

The qualification compares favourably with those offered in other countries in terms of content and level, although qualification structure differs, and other qualification programmes are generally longer than that of the South African qualification, as they include larger elective components, which, in South Africa, are included in programmes registered at higher NQF levels.

ARTICULATION OPTIONS

Vertical articulation is possible with:

- > National Certificate: Construction at NQF Level 4 ID: 22297.

Horizontal articulation on the NQF is possible with:

- > National Certificate: Construction Plastering at NQF Level 3 ID: 20814.

MODERATION OPTIONS

> Anyone assessing a learner or moderating the assessment of a learner against this Unit Standard must be registered as an assessor with the relevant ETQA or with an ETQA that has a Memorandum of Understanding with the relevant ETQA.

> Any institution offering learning that will enable the achievement of this Unit Standard must be accredited as a provider with the relevant ETQA or with an ETQA that has a Memorandum of Understanding with the relevant ETQA.

> Assessment and moderation of assessment will be overseen by the relevant ETQA or by an ETQA that has a Memorandum of Understanding with the relevant ETQA, according to the ETQA's policies and guidelines for assessment and moderation.

> Moderation must include both internal and external moderation of assessments at exit points of the Qualification, unless ETQA policies specify otherwise. Moderation should also encompass achievement of the competence described both in individual Unit Standards as well as the integrated competence described in the Qualification.

> Anyone wishing to be assessed against this Unit Standard may apply to be assessed by any assessment agency, assessor or provider institution that is accredited by the relevant ETQA.

CRITERIA FOR THE REGISTRATION OF ASSESSORS

N/A

NOTES

This qualification replaces 20919, "National Certificate: Construction Painting", Level 3, 120 credits.

UNIT STANDARDS

(Note: A blank space after this line means that the qualification is not based on Unit Standards.)

	UNIT STANDARD ID AND TITLE	LEVEL	CREDITS	STATUS
Core	14672 Describe the composition, role players and the role of the construction industry in the South African economy	Level 3	4	Reregistered
Core	116534 Carry out basic first aid treatment in the workplace	Level 3	2	Registered
core	242692 Install access equipment for construction work	Level 3	6	Public Comment
Core	242717 Propose construction work plans	Level 3	15	Public Comment
core	242719 Procure tiling materials, tools and equipment	Level 3	12	Public Comment
Core	242746 Prepare surfaces for painting	Level 3	10	Draft • Prep for P Comment

core	242747	Prime and apply paint to surfaces	Level3	12	Draft - Prep for P Comment
core	242748	Apply paint by spray	Level3	8	Draft - Prep for P Comment
core	242749	Procure construction painting materials, tools and equipment	Level3	12	Draft - Prep for P Comment
Elective	13918	Manage time and the work process in a business environment	Level3	4	Reregistered
Elective	14494	Apply wallpaper	Level3	8	Reregistered
Elective	14665	Interpret current affairs related to a specific business sector	Level3	10	Reregistered
Elective	117420	Administer payments and expenses	Level3	4	Registered
Elective	10013	Identify and utilise marketing resources to meet objectives	Level4	4	Reregistered
Elective	10015	Identify customers of the business	Level4	4	Reregistered
Elective	10024	Liaise with a range of customers of a business	Level4	4	Reregistered
Elective	10037	Take orders from customers to fulfil a need for goods and/or service	Level4	10	Reregistered
Elective	10038	Conduct follow-up with customers to evaluate satisfaction levels	Level4	14	Reregistered
Elective	10040	Implement marketing activity plans to meet agreed deadlines	Level4	14	Reregistered
Elective	10324	Describe features, advantages and benefits of a range of products or services	Level4	6	Reregistered
Elective	14491	Apply industrial protective coatings	Level4	8	Reregistered
Elective	14492	Identify, interpret and produce working piping drawings	Level4	6	Reregistered
Elective	14493	Apply special surface coatings	Level4	8	Reregistered
Fundamental	7456	Use mathematics to investigate and monitor the financial aspects of personal, business and national issues	Level3	5	Reregistered
Fundamental	9010	Demonstrate an understanding of the use of different number bases and measurement units and an awareness of error in the context of relevant calculations	Level3	2	Reregistered
Fundamental	9012	Investigate life and work related problems using data and probabilities	Level3	5	Reregistered
Fundamental	9013	Describe, apply, analyse and calculate shape and motion in 2- and 3-dimensional space in different contexts	Level3	4	Reregistered
Fundamental	119457	Interpret and use information from texts	Level3	5	Registered
Fundamental	119465	Write/present/sign texts for a range of communicative contexts	Level3	5	Registered
Fundamental	119467	Use language and communication in occupational learning programmes	Level3	5	Registered
Fundamental	119472	Accommodate audience and context needs in oral/sign communication	Level3	5	Registered



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

1

Prepare surfaces for painting

SAQA US ID	UNIT STANDARD TITLE		
242746	Prepare surfaces for painting		
SGB NAME	ORGANISING FIELD ID	PROVIDER NAME	
SGB Building Construction	12		
UNIT STANDARD TYPE	ORGANISING FIELD DESCRIPTION	SUBFIELD DESCRIPTION	
Regular	Physical Planning and Construction	Building Construction	
ABET BAND	CREDITS	NQF LEVEL	UNIT STANDARD TYPE
Undefined	10	Level 3	Regular

SPECIFIC OUTCOME 1

Determine sequences for painting structures and their individual components.

SPECIFIC OUTCOME 2

Assess surface condition in terms of preparation requirements.

SPECIFIC OUTCOME 3

Prepare surfaces for the application of primer and paint.

SPECIFIC OUTCOME 4

Identify, select and maintain tools and equipment.

SPECIFIC OUTCOME 5

Implement emergency safety procedures.



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2

SAQA USID	UNIT STANDARD TITLE		
242747	Prime and apply paint to surfaces		
SGB NAME		ORGANISING FIELD ID	PROVIDER NAME
SGB Building Construction		12	
UNIT STANDARD TYPE	ORGANISING FIELD ID	OPTION	SUBFIELD DESCRIPTION
Regular	Physical Planning and	r	Building Construction
ABET BAND	CREDITS	LEVEL	UNIT STAND. TYPE
Undefined	12	L 3	Regular

SPECIFIC OUTCOME 1

Prepare materials, tools and equipment for applying primer and paint.

SPECIFIC OUTCOME 2

Prime surfaces for painting.

SPECIFIC OUTCOME 3

Coat surfaces with paint.

SPECIFIC OUTCOME 4

Apply additional finishes after painting.

SPECIFIC OUTCOME 5

Implement emergency safety procedures where relevant.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

3

Apply paint by spray

SAQA US ID	UNIT STANDARD TITLE		
242748	Apply paint by spray		
SGB NAME		ORGANISING FIELD ID	PROVIDER NAME
SGB Building Construction		12	
UNIT STANDARD TYPE		ORGANISING FIELD DESCRIPTION	SUBFIELD DESCRIPTION
Regular		Physical Planning and Construction	Building Construction
ABET BAND	CREDITS	NQF LEVEL	UNIT STANDARD TYPE
Undefined	8	Level 3	Regular

SPECIFIC OUTCOME 1

Prepare materials, tools and equipment for spray painting.

SPECIFIC OUTCOME 2

Prime surfaces for spray painting.

SPECIFIC OUTCOME 3

Spray surfaces with paint.

SPECIFIC OUTCOME 4

Implement emergency safety procedures where relevant.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

4

Procure construction painting materials, tools and equipment

SAQA US ID	UNIT STANDARD TITLE		
242749	Procure construction painting materials, tools and equipment		
SGB NAME	ORGANISING FIELD ID	PROVIDER NAME	
SGB Building Construction	12		
UNIT STANDARD TYPE	ORGANISING FIELD DESCRIPTION	SUBFIELD DESCRIPTION	
Regular	Physical Planning and Construction	Building Construction	
ABET BAND	CREDITS	NQF LEVEL	UNIT STANDARD TYPE
Undefined	12	Level 3	Regular

SPECIFIC OUTCOME 1

Specify materials, tools and equipment required for painting.

SPECIFIC OUTCOME 2

Select painting material, tool and equipment suppliers.

SPECIFIC OUTCOME 3

Purchase materials, tools and equipment for painting.

SPECIFIC OUTCOME 4

Receive materials, tools and equipment for painting.