




Occupational Qualification Document				
Occupational Code	Qualification Title	NQF Level		
643202	Occupational Certificate: Vehicle Painter (Automobile and Marine Painter)	4		
	Name	Email	Phone	Logo
Development Quality Partner	MERSETA	shlubi@merseta.org.za	010 219 3367	
Assessment Quality Partner	National Artisan Moderating Body (NAMB)	Vanstaden.G@dhet.gov.za	011 206 1123	 <p>higher education & training Department: Higher Education and Training REPUBLIC OF SOUTH AFRICA</p>

QUALIFICATION DETAILS

Qualification Title: Occupational Certificate: Vehicle Painter (Automobile and Marine Painter)

Occupational Code: 643202

Quality Assuring Body: Quality Council for Trades and Occupations (QCTO)

Sub Framework: Occupational Qualifications Sub-Framework

Field: Field 06 - Manufacturing, Engineering and Technology

Subfield: Manufacturing and Assembly

NQF Level: 4

Credits: 542

Originator/Development Quality Partner (DQP): merSETA

Qualification Type: Occupational Certificate

Registered qualifications and or learning programmes to be replaced:

SAQA ID: 94182, Occupational Certificate: Vehicle Painter; NQF Level 4; Credits 366

RATIONALE

The Vehicle Painter (Automobile and Marine Painter) occupational qualification is due for review. This prompted Industry stakeholders, under the auspices of NF Apprentices, to initiate the process of reviewing the existing qualification. The main objective for this initiative was to make provision for part qualifications with each providing learners with a set of competencies that will allow him/her to obtain a qualification upon completion. The part qualifications that have been included are: Vehicle Paint Applicator, Vehicle Flatter and Primer Applicator, Vehicle Paint Colour Matcher, Vehicle Polisher and Vehicle Masker. Learner who completes all 5-part qualifications can apply for a trade test in order to obtain the Vehicle Painter (Automobile and Marine Painter) qualification.

The qualification is designed such that the skills set cover competencies for learners that operate within the automobile, marine and aviation industries. The implementation of the qualification can be contextualised to suite competencies specific to each sub-sector.

This qualification is aimed at school leavers, FET college learners or learners that are currently employed within the vehicle industry. It caters for learners who operate within the automotive, marine and aviation subsectors as vehicle painters. Upon completion of the qualification, learners will be equipped with knowledge and skills that will enable them to use a variety of applicable tools and equipment related to the sub-sector, prepare substrates for painting, apply primers according to the job requirements, apply top coats, perform finishing, quality assurance and hand-over activities.

The creation of part qualifications provides learners with various learning pathways to pursue. Learners who successfully complete the qualification can enrol in higher level qualifications. Completion of qualifications at higher levels will provide learners with knowledge and skills that will enable them to take more responsibilities and /or advance their careers. Most of all, the qualification provides learners with a base for further learning to be able to supervise a painting operation.

Learners who have been in the workplace for a long time can be assessed through the process of Recognition of Prior Learning (RPL).

Completion of this qualification or associated part qualifications provides learners with skills and knowledge that are required within the industry, thereby, affording learners employable opportunities.

The society will be served by qualified Vehicle Painters who will add value to the industry and the economy at large.

PURPOSE

The purpose of this qualification is to prepare a learner to operate as a Vehicle Painter (Automobile and Marine Painter).

A Vehicle Painter (Automobile and Marine Painter) applies various types of coatings, pre-treatments, paint removers, primers, fillers, sealers and finishing coats on interior and exterior parts of the vehicle using various methods in accordance with specifications.

A qualified learner will be able to:

- Prepare and inspect substrates for painting.
- Apply primers according to job requirements and specifications.

- Apply top-coats and perform quality assurance hand over activities.

RULES OF COMBINATION

This qualification is made up of the following compulsory Knowledge and Practical Skill and Work Experience Modules:

Knowledge Modules

Total number of credits for Knowledge Modules: 117

Practical Skill Modules

Total number of credits for Practical Skill Modules: 110

Work Experience Modules

Total number of credits for Work Experience Modules: 315

ENTRY REQUIREMENTS

- NQF Level 1 qualification with Mathematics and Physical Science (not mathematical literacy)
- Or
- A minimum of 5 consecutive years of proven experience within the relevant industry

EXIT LEVEL OUTCOMES AND ASSOCIATED ASSESSMENT CRITERIA

Exit Level Outcome 1

Prepare and inspects substrates for painting

Associated Assessment Criteria

- Health, safety and environmental considerations are practiced when inspecting substrates
- Appropriate PPE to use when carrying out the work is used
- Appropriate inspection method(s) to determine suitability of surface to be painted is determined
- Appropriated inspection method to inspect surface is applied
- Areas that need attention are identified
- Appropriate action to resolve identified problems is taken
- Scope of work to be carried out is confirmed
- Resources needed to cover scope of work are quantified or confirmed
- Resources needed are requested

Exit Level Outcome 2

Mix and apply paints

Associated Assessment Criteria

- Correct material is selected
- Correct equipment selected
- Sufficient material mixed in accordance with Technical Data Sheet or Standard Operating Procedures
- Paint is applied according to specifications

Exit Level Outcome 3

Perform finishing activities

Associated Assessment Criteria

- Paint defects are inspected, identified and rectified.
- Final polishing is performed in accordance with Standard Operating Procedures

INTERNATIONAL COMPARABILITY

The South African Vehicle Painter (Automobile and Marine Painter) occupational qualification has been compared with qualifications offered in Australia and Germany. The two countries were chosen due to easy access of information related to the qualification. This comparison includes the Vehicle Painter (Automobile and Marine Painter) part qualifications.

Comparison was done in terms of content, duration and complexity.

Australia:

Certificate III in Automotive Refinishing Technology, AUR32416 is registered on the Australian Qualifications Authority. This qualification is offered over a period of 3 years in the form of an apprenticeship. The qualification is for learners who wish to pursue a career in painting within the automobile industry. Learners who successfully complete the qualification will be able to: paint, refinish, repair and maintain painted surfaces on a range of automotive vehicles, recreational vehicles and other vehicles in the automotive industry.

Entry into the qualification is open, however, preference is given to learners who completed Certificate II in Automotive Body Repair Technology.

Germany

The European Commission has registered the Vehicle Vanisher qualification on the European Qualifications Framework. This qualification is pegged at level 4 and offered over a period of 3 year. This qualification is offered in Germany.

Training is offered both at the training centre and workplaces. Entry into the qualification is open, however, proof of completion of compulsory schooling of nine or ten full-time school years is required. Learner who gained experience in the past are allowed entry into the qualification.

Learners who successfully complete this qualification can operate within the motor vehicle, marine and aviation industries as skilled workers related to the recognised occupation in Germany. Upon completion of the qualification, learners will be able to: plan for the execution of tasks which includes but not limited to surface preparation, material preparation, selection and preparation of tools, machines and equipment; carry out protective measures for surfaces not to be painted, coat, treat and design surfaces, carry out quality assurance measures and record quantities and time spent for calculation of the services provided, conduct measurements and document results.

Similarities

Similarities have been noted with regards to content, complexity and duration.

The South African Vehicle Painter (Automobile and Marine Painter) qualification is offered over a period of three (3) years. This is the same as qualifications that are offered in the two countries.

Although entry requirements regarding the Vehicle Varnisher that is offered in Germany is open, it has been noted that compulsory 9-year schooling is required to gain entry into this qualification. This is similar to the South African Vehicle Painter (Automobile and Marine Painter) occupational qualification.

Similarities has also been found with content covered in these qualifications. In all instances, competent learners will be able to: prepare and clean substrates for painting, prepare consumables, tools and equipment for painting, secure items to be sprayed within the spray booth or placing them onto the conveyors, prepare and apply foundation material and topcoats to vehicles; mix and match paint colours, direct spray guns to apply even coatings, identify and rectify paint defects and faults, apply Health and Safety requirements.

Similarities have also been noted in terms mode of delivery of the qualification, which is in the form of an apprenticeship.

Differences

Differences are noted with regards to the structure and components of the South African Vehicle Painter (Automobile and Marine Painter) qualification. This qualification comprises knowledge modules, practical skills modules and work experience modules ranging from NQF level 2-4.

The South African Vehicle Painter (Automobile and Marine Painter) qualification is designed such that provision has been made for part qualifications whilst qualifications in other countries have elective unit standards in addition to core unit standards.

The South African Vehicle Painter (Automobile and Marine Painter) qualification has a high credit value. This is due to the fact that it covered modules from NQF Level 2-4.

Entry into the South African Vehicle Painter (Automobile and Marine Painter) qualification is NQF level 1 or Grade 9 with Mathematics and Physical Science, whilst in the two countries compared with, learners who meet requirements listed below gain entry into the qualification:

- At least one year of relevant experience may substitute for formal qualifications

- In some instances, relevant experience and/or on-the-job training may be required in addition to the formal qualification.
- In Germany, entry requirement for Apprenticeship is 16-18 years of age in relevant employment within the motor industry.

Conclusion

South African Vehicle Painter qualification compares favourably with qualifications offered in the two countries in terms of content, duration and complexity.

Integrated Formative Assessment

The skills development provider will use the curriculum to guide them on the stipulated internal assessment criteria and weighting. They will also apply the scope of practical skills and applied knowledge as stipulated by the internal assessment criteria. This formative assessment leads to entrance into the integrated external summative assessment.

Integrated Summative Assessment

The external summative assessment will be conducted through a trade test conducted in terms of Section 26 D of the SDA and the Trade Test regulations. The assessment will consist of written and practical tasks covering critical aspects of the trade in a simulated environment at an assessment centre accredited by QCTO and conducted by an assessor registered by NAMB. The assessment will take place over a minimum of 2 days.

The assessment will take place over a minimum of 2 days. A candidate who attempted a trade test will be given recognition for those trade test tasks in which he/she has been found competent and not be retested in those provided that: The learner is competent in at least 50% of the trade tasks given during the trade test, and the recognition will be retained by the candidate for a maximum of 3 attempts or 18 months from the date of successful completion of the trade test task whichever comes first.

Assessment for a part qualification will take place over a minimum of 2 days. A candidate who attempted a summative assessment for a part qualification will be given recognition for those tasks in which he/she has been found competent and not be retested in those provided that: The learner is competent in at least 50% of the tasks give during the assessment, and the recognition will be retained by the candidate for a maximum of 3 attempts or 18 months from the date of successful completion of the assessment task whichever comes first.

Certification rule: Candidates must attain a minimum of 75% for knowledge, and 75 % for practical components of the assessment.

The attainment of all the 5 part qualifications does not lead to a full qualification, however, it will allow the candidate to either apply for trade test directly or an ARPL assessment in preparation for the trade test.

RECOGNITION OF PRIOR LEARNING (RPL)

RPL for Access to the External Integrated Summative Assessment

Accredited providers and approved workplaces must apply the internal assessment criteria specified in the related curriculum document to establish and confirm prior learning. Accredited providers and workplaces must confirm prior learning by issuing a statement of result or certifying a work experience record.

RPL for Access to the Qualification

Accredited providers and approved workplaces may recognise prior learning against the relevant access requirements.

ARTICULATION

Horizontal

This qualification articulates horizontally with the following qualifications:

- Further Education and Training Certificate: Automotive Spray Painting, NQF Level 4
- Vehicle Damage Quantifier, NQF Level 4

Vertical

This qualification articulates vertically with the following qualification:

- Higher Certificate in Supervisory Management, NQF Level 5

NOTES

Qualifying for External Integrated Summative Assessment:

In order to qualify for an external assessment, learners must provide proof of completion of all required modules by means of statements of results and work experience records including the Foundational Learning Competence.

Additional legal or physical entry requirements:

- None

Criteria for the accreditation of providers

Accreditation of providers will be done against the criteria as reflected in the relevant curriculum on the QCTO website.

The curriculum title and code is: Occupational Certificate: Vehicle Painter: 643202-001-01-00

Encompassed Trades

This qualification encompasses the following trades as recorded on the NLRD:

Assessment Quality Partner

National Artisan Moderating Body (NAMB)

MODULES

COMPONENT	ID	MODULE TITLE	LEVEL	CREDITS
Knowledge	643202-001-01-00-KM-01	Health and Safety Compliance	2	4
Knowledge	643202-001-01-00-KM-02	Workplace fundamentals	2	16
Knowledge	643202-001-01-00-KM-03	Foundational concepts for automotive repairers	2	14
Knowledge	643202-001-01-00-KM-04	Vehicle and equipment fundamentals	2	8
Knowledge	643202-001-01-00-KM-05	Basic principles of air supply, theory of spray booths and preparation areas	2	8
Knowledge	643202-001-01-00-KM-06	Primer and preparation related materials technology	2	2
Knowledge	643202-001-01-00-KM-07	Masking related materials	2	2
Knowledge	643202-001-01-00-KM-08	Theory of substrates, including corrosion, contamination and aging	3	10
Knowledge	643202-001-01-00-KM-09	Top-coat materials technology	3	6
Knowledge	643202-001-01-00-KM-10	Polishing and surface protection materials	4	4
Knowledge	643202-001-01-00-KM-11	Colour matching theory	4	25
Knowledge	643202-001-01-00-KM-12	Types and causes of paint defects	4	10


COMPONENT	ID	MODULE TITLE	LEVEL	CREDITS
Knowledge	643202-001-01-00-KM-13	Quality Assurance principles and customer service	4	8
Practical	643202-001-01-00-PM-01	Use hand tools and workshop equipment	2	16
Practical	643202-001-01-00-PM-02	Perform masking	2	4
Practical	643202-001-01-00-PM-03	Use hand and power tools to prepare substrates for body filler and primer	2	4
Practical	643202-001-01-00-PM-04	Apply body sealants and corrosion-prevention	2	2
Practical	643202-001-01-00-PM-05	Use power tools, equipment and materials for polishing on newly painted substrates	2	4
Practical	643202-001-01-00-PM-06	Mix, apply, sand and finish primers and primer fillers	3	6
Practical	643202-001-01-00-PM-07	Maintain and protect painted substrates	3	4
Practical	643202-001-01-00-PM-08	Use hand and power tools for detailing	3	4
Practical	643202-001-01-00-PM-09	Use, care for and diagnose faults in air supply, spray booth and preparation area equipment	4	8
Practical	643202-001-01-00-PM-10	Mix and match top-coat colours	4	25
Practical	643202-001-01-00-PM-11	Apply top-coat colours to prepared surfaces	4	20
Practical	643202-001-01-00-PM-12	Perform final inspection and quality control	4	13
Work Experience	643202-001-01-00-WM-01	Substrate preparation for primer	2	8

COMPONENT	ID	MODULE TITLE	LEVEL	CREDITS
Work Experience	643202-001-01-00-WM-02	Protecting and masking substrates to be painted	2	10
Work Experience	643202-001-01-00-WM-03	Primer application and surface preparation	3	23
Work Experience	643202-001-01-00-WM-04	Application of sealants and corrosion-prevention materials	3	10
Work Experience	643202-001-01-00-WM-05	Performing polishing on newly painted substrates	3	20
Work Experience	643202-001-01-00-WM-06	Performing periodic care and equipment maintenance	3	12
Work Experience	643202-001-01-00-WM-07	Performing top-coat colour matching	4	100
Work Experience	643202-001-01-00-WM-08	Application of top-coats	4	100
Work Experience	643202-001-01-00-WM-09	Performing quality assurance and handover procedures	4	32

DERIVED QUALIFICATIONS REGISTERED AS PART QUALIFICATIONS

SAQA ID	Curriculum Code	Title	NQF Level	Credits
	643202-001-01-01	Occupational Certificate: Vehicle Paint Applicator	4	284
	643202-001-01-02	Occupational Certificate: Vehicle Flatter and Primer Applicator	2	203
	643202-001-01-03	Occupational Certificate: Vehicle Paint Colour Matcher	4	274
	643202-001-01-04	Occupational Certificate: Vehicle Polisher	2	146
	643202-001-01-05	Occupational Certificate: Vehicle Masker	2	128

Occupational Qualification Document		
Occupational Code	Qualification Title	NQF Level
643202	Occupational Certificate: Vehicle Paint Applicator	4



	Name	Email	Phone	Logo
Development Quality Partner	MERSETA	shlubi@merseta.org.za	010 219 3367	
Assessment Quality Partner	National Artisan Moderating Body (NAMB)	Vanstaden.G@dhet.gov.za	011 206 1123	

QUALIFICATION DETAILS

Qualification Title: Occupational Certificate: Vehicle Paint Applicator

Occupational Code: 643202

Quality Assuring Body: Quality Council for Trades and Occupations (QCTO)

Sub Framework: Occupational Qualifications Sub-Framework

Field: Field 06 – Manufacturing, Engineering and Technology

Subfield: Manufacturing and Assembly

NQF Level: 4

Credits: 284

Originator/Development Quality Partner (DQP): merSETA

Originating Provider/Assessment Quality Partner (AQP): NAMB

Qualification Type: Occupational Certificate

Registered qualifications and or learning programmes to be replaced:

None

RATIONALE

The Vehicle Painter (Automobile and Marine Painter) occupational qualification is due for review. This prompted Industry stakeholders, under the auspices of NF Apprentices, to initiate the process of reviewing the existing qualification. The main objective for this initiative was to make provision for part qualifications with each providing learners with a set of competencies that will allow him/her to obtain a qualification upon completion. This qualification is one of the part qualifications.

The qualification is designed such that the skills set cover competencies for learners that operate within the automobile, marine and aviation industries. The implementation of the qualification can be contextualised to suite competencies specific to each sub-sector.

This qualification is aimed at school leavers, FET college learners or learners that are currently employed within the vehicle industry. It caters for learners who operate within the automotive, marine and aviation subsectors as vehicle painters. Upon completion of the qualification, learners will be equipped with knowledge and skills that will enable them to use a variety of applicable tools and equipment related to the sub-sector, prepare substrates for painting, apply primers according to the job requirements, apply top coats, perform finishing, quality assurance and hand-over activities.

The creation of part qualifications provides learners with various learning pathways to pursue. Learners who successfully complete the qualification can enrol in higher level qualifications. Completion of qualifications at higher levels will provide learners with knowledge and skills that will enable them to take more responsibilities and /or advance their careers.

Learners who have been in the workplace for a long time can be assessed through the process of Recognition of Prior Learning (RPL).

Completion of this qualification or associated part qualifications provides learners with skills and knowledge that are required within the industry, thereby, affording learners employable opportunities.

The society will be served by qualified Vehicle Painters who will add value to the industry and the economy at large.

PURPOSE

The purpose of this qualification is to prepare a learner to operate as a Vehicle Paint Applicator.

A Vehicle Paint Applicator applies paint on to various substrates making use of relevant spray-painting equipment within the scope of work.

RULES OF COMBINATION

This qualification is made up of the following compulsory Knowledge, Practical Skill and Work Experience Modules:

Knowledge Modules

Total number of credits for Knowledge Modules: 78

Practical Skill Modules

Total number of credits for Practical Skill Modules: 52

Work Experience Modules

Total number of credits for Work Experience Modules: 154

ENTRY REQUIREMENTS

NQF Level 1 with Mathematics and Physical Science

EXIT LEVEL OUTCOMES AND ASSOCIATED ASSESSMENT CRITERIA

Exit Level Outcome 1

Prepare and inspects substrates for painting

Associated Assessment Criteria

- Health, safety and environmental considerations are practiced when inspecting substrates

- Appropriate PPE to use when carrying out the work is used
- Appropriate inspection method(s) to determine suitability of surface to be painted is determined
- Appropriated inspection method to inspect surface is applied
- Areas that need attention are identified
- Appropriate action to resolve identified problems is taken
- Scope of work to be carried out is confirmed
- Resources needed to cover scope of work are quantified or confirmed
- Resources needed are requested

Exit Level Outcome 2

Mix and apply paints

Associated Assessment Criteria

- Correct material is selected
- Correct equipment selected
- Sufficient material mixed in accordance with Technical Data Sheet or Standard Operating Procedures
- Paint is applied according to specifications

Exit Level Outcome 3

Perform finishing activities

Associated Assessment Criteria

- Paint defects are inspected, identified and rectified.
- Final polishing is performed in accordance with Standard Operating Procedures

INTERNATIONAL COMPARABILITY

The South African Vehicle Painter (Automobile and Marine Painter) occupational qualification has been compared with qualifications offered in Australia and Germany. The two countries were chosen due to easy access of information related to the qualification. This comparison includes the Vehicle Painter (Automobile and Marine Painter) part qualifications.

Comparison was done in terms of content, duration and complexity.

Australia:

Certificate III in Automotive Refinishing Technology, AUR32416 is registered on the Australian Qualifications Authority. This qualification is offered over a period of 3 years in the form of an apprenticeship. The qualification is for learners who wish to pursue a career in painting within the automobile industry. Learners who successfully complete the qualification will be able to: paint, refinish, repair and maintain painted surfaces on a range of automotive vehicles, recreational vehicles and other vehicles in the automotive industry.

Entry into the qualification is open, however, preference is given to learners who completed Certificate II in Automotive Body Repair Technology.

Germany

The European Commission has registered the Vehicle Vanisher qualification on the European Qualifications Framework. This qualification is pegged at level 4 and offered over a period of 3 year. This qualification is offered in Germany.

Training is offered both at the training centre and workplaces. Entry into the qualification is open, however, proof of completion of compulsory schooling of nine or ten full-time school years is required. Learner who gained experience in the past are allowed entry into the qualification.

Learners who successfully complete this qualification can operate within the motor vehicle, marine and aviation industries as skilled workers related to the recognised occupation in Germany. Upon completion of the qualification, learners will be able to: plan for the execution of tasks which includes but not limited to surface preparation, material preparation, selection and preparation of tools, machines and equipment; carry out protective measures for surfaces not to be painted, coat, treat and design surfaces, carry out quality assurance measures and record quantities and time spent for calculation of the services provided, conduct measurements and document results.

Similarities

Similarities have been noted with regards to content, complexity and duration.

The South African Vehicle Painter (Automobile and Marine Painter) qualification is offered over a period of three (3) years. This is the same as qualifications that are offered in the two countries.

Although entry requirements regarding the Vehicle Varnisher that is offered in Germany is open, it has been noted that compulsory 9-year schooling is required to gain entry into this qualification. This is similar to the South African Vehicle Painter (Automobile and Marine Painter) occupational qualification.

Similarities has also been found with content covered in these qualifications. In all instances, competent learners will be able to: prepare and clean substrates for painting, prepare consumables, tools and equipment for painting, secure items to be sprayed within the spray booth or placing them onto the conveyors, prepare and apply foundation material and topcoats to vehicles; mix and match paint colours, direct spray guns to apply even coatings, identify and rectify paint defects and faults, apply Health and Safety requirements.

Similarities have also been noted in terms mode of delivery of the qualification, which is in the form of an apprenticeship.

Differences

Differences are noted with regards to the structure and components of the South African Vehicle Painter (Automobile and Marine Painter) qualification. This qualification comprises knowledge modules, practical skills modules and work experience modules ranging from NQF level 2-4.

The South African Vehicle Painter (Automobile and Marine Painter) qualification is designed such that provision has been made for part qualifications whilst qualifications in other countries have elective unit standards in addition to core unit standards.

The South African Vehicle Painter (Automobile and Marine Painter) qualification has a high credit value. This is due to the fact that it covered modules from NQF Level 2-4.

Entry into the South African Vehicle Painter (Automobile and Marine Painter) qualification is NQF level 1 or Grade 9 with Mathematics and Physical Science, whilst in the two countries compared with, learners who meet requirements listed below gain entry into the qualification:

At least one year of relevant experience may substitute for formal qualifications

In some instances, relevant experience and/or on-the-job training may be required in addition to the formal qualification.

In Germany, entry requirement for Apprenticeship is 16-18 years of age in relevant employment within the motor industry.

Conclusion

South African Vehicle Painter qualification compares favourably with qualifications offered in the two countries in terms of content, duration and complexity.

INTEGRATED ASSESSMENT

Integrated Formative Assessment

The skills development provider will use the curriculum to guide them on the stipulated internal assessment criteria and weighting. They will also apply the scope of practical skills and applied knowledge as stipulated by the internal assessment criteria. This formative assessment leads to entrance into the integrated external summative assessment.

Integrated Summative Assessment

An external integrated summative assessment conducted through the relevant QCTO Assessment Quality Partner is required for the issuing of this qualification. The external integrated summative assessment will focus on the exit level outcomes and associated assessment criteria.

RECOGNITION OF PRIOR LEARNING (RPL)

RPL for Access to the External Integrated Summative Assessment

Accredited providers and approved workplaces must apply the internal assessment criteria specified in the related curriculum document to establish and confirm prior learning. Accredited providers and workplaces must confirm prior learning by issuing a statement of result or certifying a work experience record.

RPL for Access to the Qualification

Accredited providers and approved workplaces may recognise prior learning against the relevant access requirements.

ARTICULATION

Horizontal

This part qualification articulates horizontally with the following qualifications:

- Further Education and Training Certificate: Automotive Spray Painting, NQF Level 4
- Vehicle Damage Quantifier, NQF Level 4
- Occupational Certificate: Vehicle Paint Colour Matcher, NQF Level 4
- Occupational Certificate: Vehicle Painter (Automobile and Marine Painter), NQF Level 4

Vertical

This qualification articulates vertically with the following qualification:

- Higher Certificate in Supervisory Management, NQF Level 5

NOTES

Qualifying for External Assessment

In order to qualify for the external summative assessment learners must provide proof of completion of all required modules by means of statements of results and work experience records.

Additional Legal or Physical Entry Requirements

None

Criteria for the Accreditation of Providers

Accreditation of providers will be done against the criteria as reflected in the relevant curriculum on the QCTO website.

The curriculum title and code is: Vehicle Paint Applicator: 643202-001-01-01

Encompassed Trades

This qualification encompasses the following trades as recorded on the NLRD:

This is not a trade qualification.

Assessment Quality Partner

National Artisan Moderating Body (NAMB)

MODULES

COMPONENT	ID	MODULE TITLE	LEVEL	CREDITS
Knowledge	643202-001-01-00-KM-01	Health and Safety Compliance	2	4
Knowledge	643202-001-01-00-KM-02	Workplace fundamentals	2	16
Knowledge	643202-001-01-00-KM-03	Foundational concepts for automotive repairers	2	14
Knowledge	643202-001-01-00-KM-04	Vehicle and equipment fundamentals	2	8
Knowledge	643202-001-01-00-KM-05	Basic principles of air supply, theory of spray booths and preparation areas	2	8
Knowledge	643202-001-01-00-KM-06	Primer and preparation related materials technology	2	2
Knowledge	643202-001-01-00-KM-07	Masking related materials	2	2
Knowledge	643202-001-01-00-KM-09	Top-coat materials technology	3	6
Knowledge	643202-001-01-00-KM-12	Types and causes of paint defects	4	10

COMPONENT	ID	MODULE TITLE	LEVEL	CREDITS
Knowledge	643202-001-01-00-KM-13	Quality Assurance principles and customer service	4	8
Practical	643202-001-01-00-PM-01	Use hand tools and workshop equipment	2	16
Practical	643202-001-01-00-PM-04	Apply body sealants and corrosion-prevention materials	2	2
Practical	643202-001-01-00-PM-06	Mix, apply, sand and finish primers and primer fillers	3	6
Practical	643202-001-01-00-PM-09	Use, care for and diagnose faults in air supply, spray booth and preparation area equipment	4	8
Practical	643202-001-01-00-PM-11	Apply top coat to prepared surfaces	4	20
Work Experience	643202-001-01-00-WM-04	Application of sealants and corrosion-prevention materials	3	10
Work Experience	643202-001-01-00-WM-06	Performing periodic care and equipment maintenance	3	12
Work Experience	643202-001-01-00-WM-08	Application of top-coats	4	100
Work Experience	643202-001-01-00-WM-09	Performing quality assurance and handover procedures	4	32


PARENT QUALIFICATION

SAQA ID	Curriculum Code	Title	NQF Level	Credits
	643202-001-01-00	Occupational Certificate: Vehicle Painter	4	540

DERIVED QUALIFICATIONS RELATED TO THE OCCUPATIONAL CERTIFICATE: VEHICLE PAINT APPLICATOR

SAQA ID	Curriculum Code	Title	NQF Level	Credits
	643202-001-01-	Occupational Certificate: Vehicle Flatter and	2	203

SAQA ID	Curriculum Code	Title	NQF Level	Credits
	02	Primer Applicator		
	643202-001-01-03	Occupational Certificate: Vehicle Paint Colour Matcher	4	274
	643202-001-01-04	Occupational Certificate: Vehicle Polisher	2	146
	643202-001-01-05	Occupational Certificate: Vehicle Masker	2	128

Occupational Qualification Document			
Occupational Code	Qualification Title	NQF Level	
643202	Occupational Certificate: Vehicle Flatter and Primer Applicator	2	

	Name	Email	Phone	Logo
Development Quality Partner	MERSETA	shlubi@merseta.org.za	010 219 3367	
Assessment Quality Partner	National Artisan Moderating Body (NAMB)	Vanstaden.G@dhet.gov.za	011 206 1123	 <p>higher education & training Department: Higher Education and Training REPUBLIC OF SOUTH AFRICA</p>

QUALIFICATION DETAILS

Qualification Title: Occupational Certificate: Vehicle Flatter and Primer Applicator

Occupational Code: 643202

Quality Assuring Body: Quality Council for Trades and Occupations (QCTO)

Sub Framework: Occupational Qualifications Sub-Framework

Field: Field 06 – Manufacturing, Engineering and Technology

Subfield: Manufacturing and Assembly

NQF Level: 2

Credits: 203

Originator/Development Quality Partner (DQP): merSETA

Originating Provider/Assessment Quality Partner (AQP): NAMB

Qualification Type: Occupational Certificate

Registered qualifications and or learning programmes to be replaced:

None

RATIONALE

The Vehicle Painter (Automobile and Marine Painter) occupational qualification is due for review. This prompted Industry stakeholders, under the auspices of NF Apprentices, to initiate the process of reviewing the existing qualification. The main objective for this initiative was to make provision for part qualifications with each providing learners with a set of competencies that will allow him/her to obtain a qualification upon completion. This qualification is one of the part qualifications.

The qualification is designed such that the skills set cover competencies for learners that operate within the automobile, marine and aviation industries. The implementation of the qualification can be contextualised to suite competencies specific to each sub-sector.

This qualification is aimed at school leavers, FET college learners or learners that are currently employed within the vehicle industry. It caters for learners who operate within the automotive, marine and aviation subsectors as vehicle painters. Upon completion of the qualification, learners will be equipped with knowledge and skills that will enable them to use a variety of applicable tools and equipment related to the sub-sector, prepare substrates for painting, apply primers according to the job requirements, apply top coats, perform finishing, quality assurance and hand-over activities.

The creation of part qualifications provides learners with various learning pathways to pursue. Learners who successfully complete the qualification can enrol in higher level qualifications. Completion of qualifications at higher levels will provide learners with knowledge and skills that will enable them to take more responsibilities and /or advance their careers.

Learners who have been in the workplace for a long time can be assessed through the process of Recognition of Prior Learning (RPL).

Completion of this qualification or associated part qualifications provides learners with skills and knowledge that are required within the industry, thereby, affording learners employable opportunities.

The society will be served by qualified Vehicle Painters who will add value to the industry and the economy at large.

PURPOSE

The purpose of this qualification is to prepare a learner to operate as a Vehicle Flatter and Primer Applicator.

A Vehicle Flatter and Primer Applicator prepares substrates for top coat application within the scope of work.

RULES OF COMBINATION

This qualification is made up of the following compulsory Knowledge, Practical Skill and Work Experience Modules:

Knowledge Modules

Total number of credits for Knowledge Modules: 80

Practical Skill Modules

Total number of credits for Practical Skill Modules: 38

Work Experience Modules

Total number of credits for Work Experience Modules: 85

ENTRY REQUIREMENTS

NQF Level 1 with Mathematics and Physical Science

EXIT LEVEL OUTCOMES AND ASSOCIATED ASSESSMENT CRITERIA

Exit Level Outcome 1

Prepare and inspects substrates for painting

Associated Assessment Criteria

- Health, safety and environmental considerations are practiced when inspecting substrates
- Appropriate PPE to use when carrying out the work is used
- Appropriate inspection method(s) to determine suitability of surface to be painted is determined
- Appropriated inspection method to inspect surface is applied
- Areas that need attention are identified
- Appropriate action to resolve identified problems is taken
- Scope of work to be carried out is confirmed
- Resources needed to cover scope of work are quantified or confirmed
- Resources needed are requested

Exit Level Outcome 3

Perform finishing activities

Associated Assessment Criteria

- Paint defects are inspected, identified and rectified.
- Final polishing is performed in accordance with Standard Operating Procedures

INTERNATIONAL COMPARABILITY

The South African Vehicle Painter (Automobile and Marine Painter) occupational qualification has been compared with qualifications offered in Australia and Germany. The two countries were chosen due to easy access of information related to the qualification. This comparison includes the Vehicle Painter (Automobile and Marine Painter) part qualifications.

Comparison was done in terms of content, duration and complexity.

Australia:

Certificate III in Automotive Refinishing Technology, AUR32416 is registered on the Australian Qualifications Authority. This qualification is offered over a period of 3 years in the form of an apprenticeship. The qualification is for learners who wish to pursue a career in painting within the automobile industry. Learners who successfully complete the qualification will be able to: paint, refinish, repair and maintain painted surfaces on a range of automotive vehicles, recreational vehicles and other vehicles in the automotive industry.

Entry into the qualification is open, however, preference is given to learners who completed Certificate II in Automotive Body Repair Technology.

Germany

The European Commission has registered the Vehicle Vanisher qualification on the European Qualifications Framework. This qualification is pegged at level 4 and offered over a period of 3 year. This qualification is offered in Germany.

Training is offered both at the training centre and workplaces. Entry into the qualification is open, however, proof of completion of compulsory schooling of nine or ten full-time school years is required. Learner who gained experience in the past are allowed entry into the qualification.

Learners who successfully complete this qualification can operate within the motor vehicle, marine and aviation industries as skilled workers related to the recognised occupation in Germany. Upon completion of the qualification, learners will be able to: plan for the execution of tasks which includes but not limited to surface preparation, material preparation, selection and preparation of tools, machines and equipment; carry out protective measures for surfaces not to be painted, coat, treat and design surfaces, carry out quality assurance measures and record quantities and time spent for calculation of the services provided, conduct measurements and document results.

Similarities

Similarities have been noted with regards to content, complexity and duration.

The South African Vehicle Painter (Automobile and Marine Painter) qualification is offered over a period of three (3) years. This is the same as qualifications that are offered in the two countries.

Although entry requirements regarding the Vehicle Varnisher that is offered in Germany is open, it has been noted that compulsory 9-year schooling is required to gain entry into this qualification. This is similar to the South African Vehicle Painter (Automobile and Marine Painter) occupational qualification.

Similarities has also been found with content covered in these qualifications. In all instances, competent learners will be able to: prepare and clean substrates for painting, prepare consumables, tools and equipment for painting, secure items to be sprayed within the spray booth or placing them onto the conveyors, prepare and apply foundation material and topcoats to vehicles; mix and match paint colours, direct spray guns to apply even coatings, identify and rectify paint defects and faults, apply Health and Safety requirements.

Similarities have also been noted in terms mode of delivery of the qualification, which is in the form of an apprenticeship.

Differences

Differences are noted with regards to the structure and components of the South African Vehicle Painter (Automobile and Marine Painter) qualification. This qualification comprises knowledge modules, practical skills modules and work experience modules ranging from NQF level 2-4.

The South African Vehicle Painter (Automobile and Marine Painter) qualification is designed such that provision has been made for part qualifications whilst qualifications in other countries have elective unit standards in addition to core unit standards.

The South African Vehicle Painter (Automobile and Marine Painter) qualification has a high credit value. This is due to the fact that it covered modules from NQF Level 2-4.

Entry into the South African Vehicle Painter (Automobile and Marine Painter) qualification is NQF level 1 or Grade 9 with Mathematics and Physical Science, whilst in the two countries compared with, learners who meet requirements listed below gain entry into the qualification:

At least one year of relevant experience may substitute for formal qualifications

In some instances, relevant experience and/or on-the-job training may be required in addition to the formal qualification.

In Germany, entry requirement for Apprenticeship is 16-18 years of age in relevant employment within the motor industry.

Conclusion

South African Vehicle Painter qualification compares favourably with qualifications offered in the two countries in terms of content, duration and complexity.

INTEGRATED ASSESSMENT

Integrated Formative Assessment

The skills development provider will use the curriculum to guide them on the stipulated internal assessment criteria and weighting. They will also apply the scope of practical skills and applied knowledge as stipulated by the internal assessment criteria. This formative assessment leads to entrance into the integrated external summative assessment.

Integrated Summative Assessment

An external integrated summative assessment conducted through the relevant QCTO Assessment Quality Partner is required for the issuing of this qualification. The external integrated summative assessment will focus on the exit level outcomes and associated assessment criteria.

RECOGNITION OF PRIOR LEARNING (RPL)

RPL for Access to the External Integrated Summative Assessment

Accredited providers and approved workplaces must apply the internal assessment criteria specified in the related curriculum document to establish and confirm prior learning. Accredited providers and workplaces must confirm prior learning by issuing a statement of result or certifying a work experience record.

RPL for Access to the Qualification

Accredited providers and approved workplaces may recognise prior learning against the relevant access requirements.

ARTICULATION

Horizontal

This part qualification articulates horizontally with the following qualifications:

- Occupational Certificate: Vehicle Polisher, NQF Level 2
- Occupational Certificate: Vehicle Masker, NQF Level 2
- National Certificate: Automotive Strap Painting, NQF Level 2

Vertical

This part qualification articulates vertically with the following qualifications:

- National Certificate: Automotive Spray Painting, NQF Level 3

NOTES

Qualifying for External Assessment

In order to qualify for the external summative assessment learners must provide proof of completion of all required modules by means of statements of results and work experience records.

Additional Legal or Physical Entry Requirements

None

Criteria for the Accreditation of Providers

Accreditation of providers will be done against the criteria as reflected in the relevant curriculum on the QCTO website.

Criteria for the Accreditation of Providers

The curriculum title and code is: Vehicle Flatter and Primer Applicator: 643202-001-01-02

Encompassed Trades

This qualification encompasses the following trades as recorded on the NLRD:

This is not a trade qualification.

Assessment Quality Partner

National Artisan Moderating Body (NAMB)

MODULES

COMPONENT	ID	MODULE TITLE	LEVEL	CREDITS
Knowledge	643202-001-01-00-KM-01	Health and Safety Compliance	2	4
Knowledge	643202-001-01-00-KM-02	Workplace fundamentals	2	16
Knowledge	643202-001-01-00-KM-03	Foundational concepts for automotive repairers	2	14
Knowledge	643202-001-01-00-KM-04	Vehicle and equipment fundamentals	2	8
Knowledge	643202-001-01-00-KM-05	Basic principles of air supply, theory of spray booths and preparation areas	2	8
Knowledge	643202-001-01-00-KM-06	Primer and preparation related materials technology	2	2
Knowledge	643202-001-01-00-KM-08	Theory of substrates, including corrosion, contamination and aging	3	10
Knowledge	643202-001-01-00-KM-12	Types and causes of paint defects	4	10
Knowledge	643202-001-01-00-	Quality Assurance principles and customer	4	8

COMPONENT	ID	MODULE TITLE	LEVEL	CREDITS
	KM-13	service		
Practical	643202-001-01-00-PM-01	Use hand tools and workshop equipment	2	16
Practical	643202-001-01-00-PM-02	Perform masking	2	4
Practical	643202-001-01-00-PM-03	Use hand and power tools to prepare substrates for body filler and primer	2	4
Practical	643202-001-01-00-PM-06	Mix, apply, sand and finish primers and primer fillers	3	6
Practical	643202-001-01-00-PM-09	Use, care for and diagnose faults in air supply, spray booth and preparation area equipment	4	8
Work Experience	643202-001-01-00-WM-01	Substrate preparation for primer	2	8
Work Experience	643202-001-01-00-WM-02	Protecting and masking substrates to be painted	2	10
Work Experience	643202-001-01-00-WM-03	Primer application and surface preparation	3	23
Work Experience	643202-001-01-00-WM-06	Performing periodic care and equipment maintenance	3	12
Work Experience	643202-001-01-00-WM-09	Performing quality assurance and handover procedures	4	32


PARENT QUALIFICATION

SAQA ID	Curriculum Code	Title	NQF Level	Credits
	643202-001-01-00	Occupational Certificate: Vehicle Painter	4	540

DERIVED QUALIFICATIONS RELATED TO THE OCCUPATIONAL CERTIFICATE: FLATTER AND PRIMER APPLICATOR

SAQA ID	Curriculum Code	Title	NQF Level	Credits
	643202-001-01-	Occupational Certificate: Vehicle Paint	4	284

SAQA ID	Curriculum Code	Title	NQF Level	Credits
	01	Applicator		
	643202-001-01-03	Occupational Certificate: Vehicle Paint Colour Matcher	4	274
	643202-001-01-04	Occupational Certificate: Vehicle Polisher	2	146
	643202-001-01-05	Occupational Certificate: Vehicle Masker	2	128

Occupational Qualification Document			
Occupational Code	Qualification Title	NQF Level	
643202	Occupational Certificate: Vehicle Paint Colour Matcher	4	

	Name	Email	Phone	Logo
Development Quality Partner	MERSETA	shlubi@merseta.org.za	010 219 3367	
Assessment Quality Partner	National Artisan Moderating Body (NAMB)	Vanstaden.G@dhet.gov.za	011 206 1123	

QUALIFICATION DETAILS

Qualification Title: Occupational Certificate: Vehicle Paint Colour Matcher

Occupational Code: 643202

Quality Assuring Body: Quality Council for Trades and Occupations (QCTO)

Sub Framework: Occupational Qualifications Sub-Framework

Field: Field 06 – Manufacturing, Engineering and Technology

Subfield: Manufacturing and Assembly

NQF Level: 4

Credits: 274

Originator/Development Quality Partner (DQP): merSETA

Originating Provider/Assessment Quality Partner (AQP): NAMB

Qualification Type: Occupational Certificate

Registered qualifications and or learning programmes to be replaced:

None

RATIONALE

The Vehicle Painter (Automobile and Marine Painter) occupational qualification is due for review. This prompted Industry stakeholders, under the auspices of NF Apprentices, to initiate the process of reviewing the existing qualification. The main objective for this initiative was to make provision for part qualifications with each providing learners with a set of competencies that will allow him/her to obtain a qualification upon completion. This qualification is one of the part qualifications.

The qualification is designed such that the skills set cover competencies for learners that operate within the automobile, marine and aviation industries. The implementation of the qualification can be contextualised to suite competencies specific to each sub-sector.

This qualification is aimed at school leavers, FET college learners or learners that are currently employed within the vehicle industry. It caters for learners who operate within the automotive, marine and aviation subsectors as vehicle painters. Upon completion of the qualification, learners will be equipped with knowledge and skills that will enable them to use a variety of applicable tools and equipment related to the sub-sector, prepare substrates for painting, apply primers according to the job requirements, apply top coats, perform finishing, quality assurance and hand-over activities.

The creation of part qualifications provides learners with various learning pathways to pursue. Learners who successfully complete the qualification can enrol in higher level qualifications. Completion of qualifications at higher levels will provide learners with knowledge and skills that will enable them to take more responsibilities and /or advance their careers.

Learners who have been in the workplace for a long time can be assessed through the process of Recognition of Prior Learning (RPL).

Completion of this qualification or associated part qualifications provides learners with skills and knowledge that are required within the industry, thereby, affording learners employable opportunities.

The society will be served by qualified Vehicle Painters who will add value to the industry and the economy at large.

PURPOSE

The purpose of this qualification is to prepare a learner to operate as a Vehicle Paint Colour Matcher.

A Vehicle Paint Colour Matcher identifies colours; mixes and matches the paint within the scope of work.

RULES OF COMBINATION

This qualification is made up of the following compulsory Knowledge, Practical Skill and Work Experience Modules:

Knowledge Modules

Total number of credits for Knowledge Modules: 89

Practical Skill Modules

Total number of credits for Practical Skill Modules: 41

Work Experience Modules

Total number of credits for Work Experience Modules: 144

ENTRY REQUIREMENTS

NQF Level 1 with Mathematics and Physical Science

EXIT LEVEL OUTCOMES AND ASSOCIATED ASSESSMENT CRITERIA

Exit Level Outcome 1

Prepare and inspects substrates for painting

Associated Assessment Criteria

- Health, safety and environmental considerations are practiced when inspecting substrates
- Appropriate PPE to use when carrying out the work is used
- Appropriate inspection method(s) to determine suitability of surface to be painted is determined
- Appropriated inspection method to inspect surface is applied
- Areas that need attention are identified
- Appropriate action to resolve identified problems is taken
- Scope of work to be carried out is confirmed
- Resources needed to cover scope of work are quantified or confirmed
- Resources needed are requested

Exit Level Outcome 2

Mix and apply paints

Associated Assessment Criteria

- Correct material is selected
- Correct equipment selected
- Sufficient material mixed in accordance with Technical Data Sheet or Standard Operating Procedures
- Paint is applied according to specifications

Exit Level Outcome 3

Perform finishing activities

Associated Assessment Criteria

- Paint defects are inspected, identified and rectified.
- Final polishing is performed in accordance with Standard Operating Procedures

INTERNATIONAL COMPARABILITY

The South African Vehicle Painter (Automobile and Marine Painter) occupational qualification has been compared with qualifications offered in Australia and Germany. The two countries were chosen due to easy access of information related to the qualification. This comparison includes the Vehicle Painter (Automobile and Marine Painter) part qualifications.

Comparison was done in terms of content, duration and complexity.

Australia:

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Entry into the qualification is open, however, preference is given to learners who completed Certificate II in Automotive Body Repair Technology.

Germany

The European Commission has registered the Vehicle Vanisher qualification on the European Qualifications Framework. This qualification is pegged at level 4 and offered over a period of 3 year. This qualification is offered in Germany.

Training is offered both at the training centre and workplaces. Entry into the qualification is open, however, proof of completion of compulsory schooling of nine or ten full-time school years is required. Learner who gained experience in the past are allowed entry into the qualification.

Learners who successfully complete this qualification can operate within the motor vehicle, marine and aviation industries as skilled workers related to the recognised occupation in Germany. Upon completion of the qualification, learners will be able to: plan for the execution of tasks which includes but not limited to surface preparation, material preparation, selection and preparation of tools, machines and equipment; carry out protective measures for surfaces not to be painted, coat, treat and design surfaces, carry out quality assurance measures and record quantities and time spent for calculation of the services provided, conduct measurements and document results.

Similarities

Similarities have been noted with regards to content, complexity and duration.

The South African Vehicle Painter (Automobile and Marine Painter) qualification is offered over a period of three (3) years. This is the same as qualifications that are offered in the two countries.

Although entry requirements regarding the Vehicle Varnisher that is offered in Germany is open, it has been noted that compulsory 9-year schooling is required to gain entry into this qualification. This is similar to the South African Vehicle Painter (Automobile and Marine Painter) occupational qualification.

Similarities has also been found with content covered in these qualifications. In all instances, competent learners will be able to: prepare and clean substrates for painting, prepare consumables, tools and equipment for painting, secure items to be sprayed within the spray booth or placing them onto the conveyors, prepare and apply foundation material and topcoats to vehicles; mix and match paint colours, direct spray guns to apply even coatings, identify and rectify paint defects and faults, apply Health and Safety requirements.

Similarities have also been noted in terms mode of delivery of the qualification, which is in the form of an apprenticeship.

Differences

Differences are noted with regards to the structure and components of the South African Vehicle Painter (Automobile and Marine Painter) qualification. This qualification comprises knowledge modules, practical skills modules and work experience modules ranging from NQF level 2-4.

The South African Vehicle Painter (Automobile and Marine Painter) qualification is designed such that provision has been made for part qualifications whilst qualifications in other countries have elective unit standards in addition to core unit standards.

The South African Vehicle Painter (Automobile and Marine Painter) qualification has a high credit value. This is due to the fact that it covered modules from NQF Level 2-4.

Entry into the South African Vehicle Painter (Automobile and Marine Painter) qualification is NQF level 1 or Grade 9 with Mathematics and Physical Science, whilst in the two countries compared with, learners who meet requirements listed below gain entry into the qualification:

At least one year of relevant experience may substitute for formal qualifications

In some instances, relevant experience and/or on-the-job training may be required in addition to the formal qualification.

In Germany, entry requirement for Apprenticeship is 16-18 years of age in relevant employment within the motor industry.

Conclusion

South African Vehicle Painter qualification compares favourably with qualifications offered in the two countries in terms of content, duration and complexity.

INTEGRATED ASSESSMENT

Integrated Formative Assessment

The skills development provider will use the curriculum to guide them on the stipulated internal assessment criteria and weighting. They will also apply the scope of practical skills and applied knowledge as stipulated by the internal assessment criteria. This formative assessment leads to entrance into the integrated external summative assessment.

Integrated Summative Assessment

An external integrated summative assessment conducted through the relevant QCTO Assessment Quality Partner is required for the issuing of this qualification. The external integrated summative assessment will focus on the exit level outcomes and associated assessment criteria.

RECOGNITION OF PRIOR LEARNING (RPL)

RPL for Access to the External Integrated Summative Assessment

Accredited providers and approved workplaces must apply the internal assessment criteria specified in the related curriculum document to establish and confirm prior learning. Accredited providers and workplaces must confirm prior learning by issuing a statement of result or certifying a work experience record.

RPL for Access to the Qualification

Accredited providers and approved workplaces may recognise prior learning against the relevant access requirements.

ARTICULATION

Horizontal

This part qualification articulates horizontally with the following qualifications:

- Further Education and Training Certificate: Automotive Spray Painting, NQF Level 4
- Vehicle Damage Quantifier, NQF Level 4
- Occupational Certificate: Vehicle Paint Applicator, NQF Level 4
- Occupational Certificate: Vehicle Painter (Automobile and Marine Painter), NQF Level 4

Vertical

This qualification articulates vertically with the following qualification:

- Higher Certificate in Supervisory Management, NQF Level 5

NOTES

Qualifying for External Assessment

In order to qualify for the external summative assessment learners must provide proof of completion of all required modules by means of statements of results and work experience records.

Additional Legal or Physical Entry Requirements

None

Criteria for the Accreditation of Providers

Accreditation of providers will be done against the criteria as reflected in the relevant curriculum on the QCTO website.

The curriculum title and code is: Vehicle Paint Colour Matcher: 643202-001-01-03

Encompassed Trades

This qualification encompasses the following trades as recorded on the NLRD:

This is not a trade qualification.

Assessment Quality Partner

National Artisan Moderating Body (NAMB)

MODULES

COMPONENT	ID	MODULE TITLE	LEVEL	CREDITS
Knowledge	643202-001-01-00-KM-01	Health and Safety Compliance	2	4
Knowledge	643202-001-01-00-KM-02	Workplace fundamentals	2	16
Knowledge	643202-001-01-00-KM-03	Foundational concepts for automotive repairers	2	14
Knowledge	643202-001-01-00-KM-04	Vehicle and equipment fundamentals	2	8
Knowledge	643202-001-01-00-KM-05	Basic principles of air supply, theory of spray booths and preparation areas	2	8
Knowledge	643202-001-01-00-KM-09	Top-coat materials technology	3	6
Knowledge	643202-001-01-00-KM-11	Colour matching theory	4	25
Knowledge	643202-001-01-00-KM-13	Quality Assurance principles and customer service	4	8
Practical	643202-001-01-00-PM-01	Use hand tools and workshop equipment	2	16


COMPONENT	ID	MODULE TITLE	LEVEL	CREDITS
Practical	643202-001-01-00-PM-10	Mix and match top-coat colours	4	25
Work Experience	643202-001-01-00-WM-06	Performing periodic care and equipment maintenance	3	12
Work Experience	643202-001-01-00-WM-07	Performing top-coat colour matching	4	100
Work Experience	643202-001-01-00-WM-09	Performing quality assurance and handover procedures	4	32

PARENT QUALIFICATION

SAQA ID	Curriculum Code	Title	NQF Level	Credits
	643202-001-01-00	Occupational Certificate: Vehicle Painter	4	540

DERIVED QUALIFICATIONS RELATED TO THE OCCUPATIONAL CERTIFICATE: VEHICLE PAINT COLOUR MATCHER

SAQA ID	Curriculum Code	Title	NQF Level	Credits
	643202-001-01-01	Occupational Certificate: Vehicle Paint Applicator	4	284
	643202-001-01-02	Occupational Certificate: Vehicle Flatter and Primer Applicator	2	203
	643202-001-01-04	Occupational Certificate: Vehicle Polisher	2	146
	643202-001-01-05	Occupational Certificate: Vehicle Masker	2	128

Occupational Qualification Document			
Occupational Code	Qualification Title	NQF Level	
643202	Occupational Certificate: Vehicle Polisher	2	

	Name	Email	Phone	Logo
Development Quality Partner	MERSETA	shlubi@merseta.org.za	010 219 3367	
Assessment Quality Partner	National Artisan Moderating Body (NAMB)	Vanstaden.G@dhet.gov.za	011 206 1123	 higher education & training Department: Higher Education and Training REPUBLIC OF SOUTH AFRICA

QUALIFICATION DETAILS

Qualification Title: Occupational Certificate: Vehicle Polisher

Occupational Code: 643202

Quality Assuring Body: Quality Council for Trades and Occupations (QCTO)

Sub Framework: Occupational Qualifications Sub-Framework

Field: Field 06 – Manufacturing, Engineering and Technology

Subfield: Manufacturing and Assembly

NQF Level: 2

Credits: 146

Originator/Development Quality Partner (DQP): merSETA

Originating Provider/Assessment Quality Partner (AQP): NAMB

Qualification Type: Occupational Certificate

Registered qualifications and or learning programmes to be replaced:

None

RATIONALE

The Vehicle Painter (Automobile and Marine Painter) occupational qualification is due for review. This prompted Industry stakeholders, under the auspices of NF Apprentices, to initiate the process of reviewing the existing qualification. The main objective for this initiative was to make provision for part qualifications with each providing learners with a set of competencies that will allow him/her to obtain a qualification upon completion. This qualification is one of the part qualifications.

The qualification is designed such that the skills set cover competencies for learners that operate within the automobile, marine and aviation industries. The implementation of the qualification can be contextualised to suite competencies specific to each sub-sector.

This qualification is aimed at school leavers, FET college learners or learners that are currently employed within the vehicle industry. It caters for learners who operate within the automotive, marine and aviation subsectors as vehicle painters. Upon completion of the qualification, learners will be equipped with knowledge and skills that will enable them to use a variety of applicable tools and equipment related to the sub-sector, prepare substrates for painting, apply primers according to the job requirements, apply top coats, perform finishing, quality assurance and hand-over activities.

The creation of part qualifications provides learners with various learning pathways to pursue. Learners who successfully complete the qualification can enrol in higher level qualifications. Completion of qualifications at higher levels will provide learners with knowledge and skills that will enable them to take more responsibilities and /or advance their careers.

Learners who have been in the workplace for a long time can be assessed through the process of Recognition of Prior Learning (RPL).

Completion of this qualification or associated part qualifications provides learners with skills and knowledge that are required within the industry, thereby, affording learners employable opportunities.

The society will be served by qualified Vehicle Painters who will add value to the industry and the economy at large.

PURPOSE

The purpose of this qualification is to prepare a learner to operate as a Vehicle Polisher.

A Vehicle Polisher inspects the quality of top coats, identifies defects and rectifies within the scope of work.

RULES OF COMBINATION

This qualification is made up of the following compulsory Knowledge, Practical Skill and Work Experience Modules:

Knowledge Modules

Total number of credits for Knowledge Modules: 66

Practical Skill Modules

Total number of credits for Practical Skill Modules: 28

Work Experience Modules

Total number of credits for Work Experience Modules: 52

ENTRY REQUIREMENTS

NQF Level 1 with Mathematics and Physical Science

EXIT LEVEL OUTCOMES AND ASSOCIATED ASSESSMENT CRITERIA

Exit Level Outcome 1

Prepare and inspects substrates for painting

Associated Assessment Criteria

- Health, safety and environmental considerations are practiced when inspecting substrates
- Appropriate PPE to use when carrying out the work is used
- Appropriate inspection method(s) to determine suitability of surface to be painted is determined
- Appropriated inspection method to inspect surface is applied
- Areas that need attention are identified
- Appropriate action to resolve identified problems is taken
- Scope of work to be carried out is confirmed
- Resources needed to cover scope of work are quantified or confirmed
- Resources needed are requested

Exit Level Outcome 3

Perform finishing activities

Associated Assessment Criteria

- Paint defects are inspected, identified and rectified.
- Final polishing is performed in accordance with Standard Operating Procedures

INTERNATIONAL COMPARABILITY

The South African Vehicle Painter (Automobile and Marine Painter) occupational qualification has been compared with qualifications offered in Australia and Germany. The two countries were

chosen due to easy access of information related to the qualification. This comparison includes the Vehicle Painter (Automobile and Marine Painter) part qualifications.

Comparison was done in terms of content, duration and complexity.

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Entry into the qualification is open, however, preference is given to learners who completed Certificate II in Automotive Body Repair Technology.

Germany

The European Commission has registered the Vehicle Vanisher qualification on the European Qualifications Framework. This qualification is pegged at level 4 and offered over a period of 3 year. This qualification is offered in Germany.

Training is offered both at the training centre and workplaces. Entry into the qualification is open, however, proof of completion of compulsory schooling of nine or ten full-time school years is required. Learner who gained experience in the past are allowed entry into the qualification.

Learners who successfully complete this qualification can operate within the motor vehicle, marine and aviation industries as skilled workers related to the recognised occupation in Germany. Upon completion of the qualification, learners will be able to: plan for the execution of tasks which includes but not limited to surface preparation, material preparation, selection and preparation of tools, machines and equipment; carry out protective measures for surfaces not to be painted, coat, treat and design surfaces, carry out quality assurance measures and record quantities and time spent for calculation of the services provided, conduct measurements and document results.

Similarities

Similarities have been noted with regards to content, complexity and duration.

The South African Vehicle Painter (Automobile and Marine Painter) qualification is offered over a period of three (3) years. This is the same as qualifications that are offered in the two countries.

Although entry requirements regarding the Vehicle Varnisher that is offered in Germany is open, it has been noted that compulsory 9-year schooling is required to gain entry into this qualification. This is similar to the South African Vehicle Painter (Automobile and Marine Painter) occupational qualification.

Similarities has also been found with content covered in these qualifications. In all instances, competent learners will be able to: prepare and clean substrates for painting, prepare consumables, tools and equipment for painting, secure items to be sprayed within the spray booth

or placing them onto the conveyors, prepare and apply foundation material and topcoats to vehicles; mix and match paint colours, direct spray guns to apply even coatings, identify and rectify paint defects and faults, apply Health and Safety requirements.

Similarities have also been noted in terms mode of delivery of the qualification, which is in the form of an apprenticeship.

Differences

Differences are noted with regards to the structure and components of the South African Vehicle Painter (Automobile and Marine Painter) qualification. This qualification comprises knowledge modules, practical skills modules and work experience modules ranging from NQF level 2-4.

The South African Vehicle Painter (Automobile and Marine Painter) qualification is designed such that provision has been made for part qualifications whilst qualifications in other countries have elective unit standards in addition to core unit standards.

The South African Vehicle Painter (Automobile and Marine Painter) qualification has a high credit value. This is due to the fact that it covered modules from NQF Level 2-4.

Entry into the South African Vehicle Painter (Automobile and Marine Painter) qualification is NQF level 1 or Grade 9 with Mathematics and Physical Science, whilst in the two countries compared with, learners who meet requirements listed below gain entry into the qualification:

At least one year of relevant experience may substitute for formal qualifications

In some instances, relevant experience and/or on-the-job training may be required in addition to the formal qualification.

In Germany, entry requirement for Apprenticeship is 16-18 years of age in relevant employment within the motor industry.

Conclusion

South African Vehicle Painter qualification compares favourably with qualifications offered in the two countries in terms of content, duration and complexity.

INTEGRATED ASSESSMENT

Integrated Formative Assessment

The skills development provider will use the curriculum to guide them on the stipulated internal assessment criteria and weighting. They will also apply the scope of practical skills and applied knowledge as stipulated by the internal assessment criteria. This formative assessment leads to entrance into the integrated external summative assessment.

Integrated Summative Assessment

An external integrated summative assessment conducted through the relevant QCTO Assessment Quality Partner is required for the issuing of this qualification. The external integrated summative assessment will focus on the exit level outcomes and associated assessment criteria.

RECOGNITION OF PRIOR LEARNING (RPL)

RPL for Access to the External Integrated Summative Assessment

Accredited providers and approved workplaces must apply the internal assessment criteria specified in the related curriculum document to establish and confirm prior learning. Accredited providers and workplaces must confirm prior learning by issuing a statement of result or certifying a work experience record.

RPL for Access to the Qualification

Accredited providers and approved workplaces may recognise prior learning against the relevant access requirements.

ARTICULATION

Horizontal

This part qualification articulates horizontally with the following qualifications:

- Occupational Certificate: Vehicle Flatter and Primer Applicator, NQF Level 2
- Occupational Certificate: Vehicle Masker, NQF Level 2
- National Certificate: Automotive Strap Painting, NQF Level 2

Vertical

This part qualification articulates vertically with the following qualifications:

- National Certificate: Automotive Spray Painting, NQF Level 3

NOTES

Qualifying for External Assessment

In order to qualify for the external summative assessment learners must provide proof of completion of all required modules by means of statements of results and work experience records.

Additional Legal or Physical Entry Requirements

None

Criteria for the Accreditation of Providers

Accreditation of providers will be done against the criteria as reflected in the relevant curriculum on the QCTO website.

The curriculum title and code is: Vehicle Polisher: 643202-001-01-04

Encompassed Trades

This qualification encompasses the following trades as recorded on the NLRD:

This is not a trade qualification.

Assessment Quality Partner

National Artisan Moderating Body (NAMB)

MODULES

COMPONENT	ID	MODULE TITLE	LEVEL	CREDITS
Knowledge	643202-001-01-00-KM-01	Health and Safety Compliance	2	4
Knowledge	643202-001-01-00-KM-02	Workplace fundamentals	2	16
Knowledge	643202-001-01-00-KM-03	Foundational concepts for automotive repairers	2	14
Knowledge	643202-001-01-00-KM-04	Vehicle and equipment fundamentals	2	8
Knowledge	643202-001-01-00-KM-07	Masking related materials	2	2
Knowledge	643202-001-01-00-KM-10	Polishing and surface protection materials,	4	4
Knowledge	643202-001-01-00-KM-12	Types and causes of paint defects	4	10
Knowledge	643202-001-01-00-KM-13	Quality Assurance principles and customer service	4	8
Practical	643202-001-01-00-PM-01	Use hand tools and workshop equipment	2	16
Practical	643202-001-01-00-PM-05	Use power tools, equipment and materials for polishing on newly	2	4


COMPONENT	ID	MODULE TITLE	LEVEL	CREDITS
		painted substrates		
Practical	643202-001-01-00-PM-07	Maintain and protect painted substrates	3	4
Practical	643202-001-01-00-PM-08	Use hand and power tools for detailing	3	4
Work Experience	643202-001-01-00-WM-05	Performing polishing on newly painted substrates	3	20
Work Experience	643202-001-01-00-WM-09	Performing quality assurance and handover procedures	4	32

PARENT QUALIFICATION

SAQA ID	Curriculum Code	Title	NQF Level	Credits
	643202-001-01-00	Occupational Certificate: Vehicle Painter	4	540

DERIVED QUALIFICATIONS RELATED TO THE OCCUPATIONAL CERTIFICATE: VEHICLE POLISHER

SAQA ID	Curriculum Code	Title	NQF Level	Credits
	643202-001-01-01	Occupational Certificate: Vehicle Paint Applicator	4	284
	643202-001-01-02	Occupational Certificate: Vehicle Flatter and Primer Applicator	2	203
	643202-001-01-03	Occupational Certificate: Vehicle Paint Colour Matcher	4	274
	643202-001-01-05	Occupational Certificate: Vehicle Masker	2	128

Occupational Qualification Document			
Occupational Code	Qualification Title	NQF Level	
643202	Occupational Certificate: Vehicle Masker	2	

	Name	Email	Phone	Logo
Development Quality Partner	MERSETA	shlubi@merseta.org.za	010 219 3367	
Assessment Quality Partner	National Artisan Moderating Body (NAMB)	Vanstaden.G@dhet.gov.za	011 206 1123	

QUALIFICATION DETAILS

Qualification Title: Occupational Certificate: Vehicle Masker

Occupational Code: 643202

Quality Assuring Body: Quality Council for Trades and Occupations (QCTO)

Sub Framework: Occupational Qualifications Sub-Framework

Field: Field 06 – Manufacturing, Engineering and Technology

Subfield: Manufacturing and Assembly

NQF Level: 2

Credits: 128

Originator/Development Quality Partner (DQP): merSETA

Originating Provider/Assessment Quality Partner (AQP): NAMB

Qualification Type: Occupational Certificate

Registered qualifications and or learning programmes to be replaced:

None

RATIONALE

The Vehicle Painter (Automobile and Marine Painter) occupational qualification is due for review. This prompted Industry stakeholders, under the auspices of NF Apprentices, to initiate the process of reviewing the existing qualification. The main objective for this initiative was to make provision for part qualifications with each providing learners with a set of competencies that will allow him/her to obtain a qualification upon completion. This qualification is one of the part qualifications.

The qualification is designed such that the skills set cover competencies for learners that operate within the automobile, marine and aviation industries. The implementation of the qualification can be contextualised to suite competencies specific to each sub-sector.

This qualification is aimed at school leavers, FET college learners or learners that are currently employed within the vehicle industry. It caters for learners who operate within the automotive, marine and aviation subsectors as vehicle painters. Upon completion of the qualification, learners will be equipped with knowledge and skills that will enable them to use a variety of applicable tools and equipment related to the sub-sector, prepare substrates for painting, apply primers according to the job requirements, apply top coats, perform finishing, quality assurance and hand-over activities.

The creation of part qualifications provides learners with various learning pathways to pursue. Learners who successfully complete the qualification can enrol in higher level qualifications. Completion of qualifications at higher levels will provide learners with knowledge and skills that will enable them to take more responsibilities and /or advance their careers.

Learners who have been in the workplace for a long time can be assessed through the process of Recognition of Prior Learning (RPL).

Completion of this qualification or associated part qualifications provides learners with skills and knowledge that are required within the industry, thereby, affording learners employable opportunities.

The society will be served by qualified Vehicle Painters who will add value to the industry and the economy at large.

PURPOSE

The purpose of this qualification is to prepare a learner to operate as a Vehicle Masker.

A Vehicle Masker masks substrates making use of masking materials to protect areas that are not to be painted as well as de-masking after painting process, within the scope of work.

RULES OF COMBINATION

This qualification is made up of the following compulsory Knowledge, Practical Skill and Work Experience Modules:

Knowledge Modules

Total number of credits for Knowledge Modules: 52

Practical Skill Modules

Total number of credits for Practical Skill Modules: 22

Work Experience Modules

Total number of credits for Work Experience Modules: 54

ENTRY REQUIREMENTS

NQF Level 1 with Mathematics and Physical Science

EXIT LEVEL OUTCOMES AND ASSOCIATED ASSESSMENT CRITERIA

Exit Level Outcome 1

Prepare and inspects substrates for painting

Associated Assessment Criteria

- Health, safety and environmental considerations are practiced when inspecting substrates
- Appropriate PPE to use when carrying out the work is used
- Appropriate inspection method(s) to determine suitability of surface to be painted is determined
- Appropriated inspection method to inspect surface is applied
- Areas that need attention are identified
- Appropriate action to resolve identified problems is taken
- Scope of work to be carried out is confirmed
- Resources needed to cover scope of work are quantified or confirmed
- Resources needed are requested

INTERNATIONAL COMPARABILITY

The South African Vehicle Painter (Automobile and Marine Painter) occupational qualification has been compared with qualifications offered in Australia and Germany. The two countries were chosen due to easy access of information related to the qualification. This comparison includes the Vehicle Painter (Automobile and Marine Painter) part qualifications.

Comparison was done in terms of content, duration and complexity.

Australia:

Certificate III in Automotive Refinishing Technology, AUR32416 is registered on the Australian Qualifications Authority. This qualification is offered over a period of 3 years in the form of an apprenticeship. The qualification is for learners who wish to pursue a career in painting within the automobile industry. Learners who successfully complete the qualification will be able to: paint, refinish, repair and maintain painted surfaces on a range of automotive vehicles, recreational vehicles and other vehicles in the automotive industry.

Entry into the qualification is open, however, preference is given to learners who completed Certificate II in Automotive Body Repair Technology.

Germany

The European Commission has registered the Vehicle Vanisher qualification on the European Qualifications Framework. This qualification is pegged at level 4 and offered over a period of 3 year. This qualification is offered in Germany.

Training is offered both at the training centre and workplaces. Entry into the qualification is open, however, proof of completion of compulsory schooling of nine or ten full-time school years is required. Learner who gained experience in the past are allowed entry into the qualification.

Learners who successfully complete this qualification can operate within the motor vehicle, marine and aviation industries as skilled workers related to the recognised occupation in Germany. Upon completion of the qualification, learners will be able to: plan for the execution of tasks which includes but not limited to surface preparation, material preparation, selection and preparation of tools, machines and equipment; carry out protective measures for surfaces not to be painted, coat, treat and design surfaces, carry out quality assurance measures and record quantities and time spent for calculation of the services provided, conduct measurements and document results.

Similarities

Similarities have been noted with regards to content, complexity and duration.

The South African Vehicle Painter (Automobile and Marine Painter) qualification is offered over a period of three (3) years. This is the same as qualifications that are offered in the two countries.

Although entry requirements regarding the Vehicle Varnisher that is offered in Germany is open, it has been noted that compulsory 9-year schooling is required to gain entry into this qualification. This is similar to the South African Vehicle Painter (Automobile and Marine Painter) occupational qualification.

Similarities has also been found with content covered in these qualifications. In all instances, competent learners will be able to: prepare and clean substrates for painting, prepare consumables, tools and equipment for painting, secure items to be sprayed within the spray booth or placing them onto the conveyors, prepare and apply foundation material and topcoats to vehicles; mix and match paint colours, direct spray guns to apply even coatings, identify and rectify paint defects and faults, apply Health and Safety requirements.

Similarities have also been noted in terms mode of delivery of the qualification, which is in the form of an apprenticeship.

Differences

Differences are noted with regards to the structure and components of the South African Vehicle Painter (Automobile and Marine Painter) qualification. This qualification comprises knowledge modules, practical skills modules and work experience modules ranging from NQF level 2-4.

The South African Vehicle Painter (Automobile and Marine Painter) qualification is designed such that provision has been made for part qualifications whilst qualifications in other countries have elective unit standards in addition to core unit standards.

The South African Vehicle Painter (Automobile and Marine Painter) qualification has a high credit value. This is due to the fact that it covered modules from NQF Level 2-4.

Entry into the South African Vehicle Painter (Automobile and Marine Painter) qualification is NQF level 1 or Grade 9 with Mathematics and Physical Science, whilst in the two countries compared with, learners who meet requirements listed below gain entry into the qualification:

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In Germany, entry requirement for Apprenticeship is 16-18 years of age in relevant employment within the motor industry.

Conclusion

South African Vehicle Painter qualification compares favourably with qualifications offered in the two countries in terms of content, duration and complexity.

INTEGRATED ASSESSMENT

Integrated Formative Assessment

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Integrated Summative Assessment

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RECOGNITION OF PRIOR LEARNING (RPL)

RPL for Access to the External Integrated Summative Assessment

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ARTICULATION

Horizontal

This part qualification articulates horizontally with the following qualifications:

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- Occupational Certificate: Vehicle Polisher, NQF Level 2
- National Certificate: Automotive Strap Painting, NQF Level 2

Vertical

This part qualification articulates vertically with the following qualifications:

- National Certificate: Automotive Spray Painting, NQF Level 3

NOTES

Qualifying for External Assessment

In order to qualify for the external summative assessment learners must provide proof of completion of all required modules by means of statements of results and work experience records.

Additional Legal or Physical Entry Requirements

None

Criteria for the Accreditation of Providers

Accreditation of providers will be done against the criteria as reflected in the relevant curriculum on the QCTO website.

The curriculum title and code is: Vehicle Masker: 643202-001-01-05

Encompassed Trades

This qualification encompasses the following trades as recorded on the NLRD:

This is not a trade qualification.

Assessment Quality Partner

National Artisan Moderating Body (NAMB)

MODULES

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Knowledge	643202-001-01-00-KM-04	Vehicle and equipment fundamentals	2	8
Knowledge	643202-001-01-00-KM-07	Masking related materials	2	2
Knowledge	643202-001-01-00-KM-13	Quality Assurance principles and customer service	4	8
Practical	643202-001-01-00-PM-01	Use hand tools and workshop equipment	2	16
Practical	643202-001-01-00-PM-02	Perform masking	2	4
Practical	643202-001-01-00-PM-04	Apply body sealants and corrosion-prevention materials	2	2

COMPONENT	ID	MODULE TITLE	LEVEL	CREDITS
Work Experience	643202-001-01-00-WM-02	Protecting and masking substrates to be painted	2	10
Work Experience	643202-001-01-00-WM-04	Application of sealants and corrosion-prevention materials	3	10
Work Experience	643202-001-01-00-WM-06	Performing periodic care and equipment maintenance	3	12
Work Experience	643202-001-01-00-WM-09	Performing quality assurance and handover procedures	4	32

PARENT QUALIFICATION

SAQA ID	Curriculum Code	Title	NQF Level	Credits
	643202-001-01-00	Occupational Certificate: Vehicle Painter	4	540

DERIVED QUALIFICATIONS RELATED TO THE OCCUPATIONAL CERTIFICATE: VEHICLE MASKER

SAQA ID	Curriculum Code	Title	NQF Level	Credits
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	643202-001-01-02	Occupational Certificate: Vehicle Flatter and Primer Applicator	2	203
	643202-001-01-03	Occupational Certificate: Vehicle Paint Colour Matcher	4	274
	643202-001-01-04	Occupational Certificate: Vehicle Polisher	2	146