

National Vocational Certificate in Automotive Engineering (Vehicle Collision Repair and Spray Painting) (Level 4)

NQF level of qualification: 4

Total credits available: 133

Total credits required: 133

	Compulsory	Elective
Level 4 credits available	133	-
Minimum totals required	133	-

Registration date: 14 March 2019

Scheduled review date: 2024

Body responsible for the qualification: Namibia Training Authority through the Manufacturing, Automotive Sales and Arts & Crafts Industry Skills Committee.

Other bodies whose unit standards are included in the qualification: None

1 Purpose

This qualification is for any individual who is, or wishes to be involved in the vehicle collision repair and spray painting industry. It serves to support and advance the functioning of individuals in this industry. This qualification recognises people who have the competencies required for performing advance vehicle collision repair and spray painting task. It is awarded to people who have demonstrated the skills and knowledge to conduct basic welding techniques; align vehicle body parts; conduct estimation and quotations; apply advanced glass fitment techniques; perform advanced chassis repair; prepare vehicle final quality check and supervise subordinates, perform advanced colour mixing and matching, carry out automotive detailing and apply complex spray painting techniques. They further have a good understanding of identify, create and select business opportunities, develop a business plan as part of business start-up activities, apply knowledge of intermediate mathematics in different context, apply advanced knowledge of engineering science in different contexts and apply knowledge of advanced engineering drawing in different contexts.

The entry requirement is the National Vocational Certificate in Automotive Engineering (Vehicle Collision Repair and Spray Painting) (Level 3) or equivalent

2 Regulations for the qualification

2.1 Summary of qualification requirements

This qualification will be awarded to people who are credited with a minimum of 133 credits and have met the requirements of the compulsory section, as well as all requirements for Workplace Integrated Learning (WIL) as laid out in the National Policy On Work-Integrated Learning for Technical and Vocational Education and Training (TVET).

2.2 Detailed qualification requirements

Compulsory

All the unit standards listed below are required.

FIELD: Manufacturing, Engineering and Technology

Subfield: Automotive Engineering

Domain: Vehicle Collision Repair

Unit ID	Unit Standard Title	Level	Credits
2004	Conduct basic welding techniques	4	8
2005	Align vehicle body parts	4	8
2006	Conduct estimation and quotations	4	6
2007	Apply advanced glass fitment techniques	4	10
2008	Perform advanced chassis repair	4	12
2009	Perform vehicle final quality check	4	6

AND

FIELD: Manufacturing, Engineering and Technology

Subfield: Automotive Engineering

Domain: Spray Painting

Unit ID	Unit Standard Title	Level	Credits
2000	Perform advanced colour mixing and matching	4	13
2001	Carry out automotive detailing	4	6
2002	Apply complex spray painting techniques	4	15
2003	Supervise subordinates	4	4

AND

FIELD: Business, Commerce and Management Studies

Subfield: Business Development

Domain: Entrepreneurship

Unit ID	Unit Standard Title	Level	Credits
735	Establish a business as part of entrepreneurship operations	4	12
736	Implement, control and monitor business operations	4	15

AND

FIELD: Physical, Mathematics and Computer Sciences

Subfield: Numeracy

Domain: Foundation Numeracy Skills

Unit ID	Unit Standard Title	Level	Credits
892	Apply knowledge of intermediate mathematics in different context	4	6

AND

FIELD: Manufacturing, Engineering and Technology

Subfield: Foundational Engineering Science and Engineering Drawing

Domain: Foundational Engineering Science and Drawing Skills

Unit ID	Unit Standard Title	Level	Credits
896	Apply advanced knowledge of engineering science in different contexts	4	6
902	Apply knowledge of advanced engineering drawing in different contexts	4	6

3 Credit recognition and transfer arrangements

Credits for any version of a unit standard of the same identification number will be recognised in the award of this qualification.

4 Special arrangements

4.1 Providers seeking registration and/or accreditation to deliver this qualification must meet the following special arrangements.

4.1.1 This qualification will be offered to trainees **either** including a period of 9 month of **industrial / job attachment**, or as an **apprenticeship scheme** of a maximum period of 12 month which includes 9 month of On–The–Job Training and 3 month of Institutional Training.

Industrial/ Job Attachment is defined as a period in a workplace setting where a trainee obtains structured practical experience in a specific occupation in order to complement competencies acquired during training at a technical vocational training provider(TVTP).

Apprenticeship refers to the system of work integrated learning, where apprentice is employed by a company on contractual basis, earning a monthly salary, learning and working side by side with an experienced mentor. In this case the employer must be an NTA approved entity or company to register apprentices and has to identify a suitable training provider to provide the apprentice with the opportunity to gain skills and knowledge from theoretical training.

Employers and training providers are encourage to consult the **National policy on Work-Integrated Learning (WIL) for Technical and Vocational Education and Training (TVET)** for further details on WIL implementation.

- 4.1.2 Providers involved in the assessment of this qualification and the associated unit standards must comply with the national assessment framework for the TVET system up to and including level 5 of the National Qualifications Framework. Assessment will include *performance* and achievement assessment acquired through work integrated learning periods.

Assessment arrangements apply to all occupations and industries which are encompassed in the technical vocational education and training sector.

- 4.1.3 Providers of this qualification and the associated unit standards must be registered and/or accredited.
- 4.1.4 Providers of this qualification and their associated unit standards must have access to all equipment and facilities detailed in the tools and equipment list of the relevant training program.
- 4.2 Competencies covered in this qualification may be assessed through Recognition of Prior Learning (RPL).

- 4.3 Further relevant information and documentation may be accessed through:

Namibia Training Authority
10 Rand Street
Khomasdal
Namibia
Telephone number: 061 207 8550
Facsimile number: 061 207 8551

5 Transition arrangements

5.1 Non National Qualifications Framework transition

None

5.2 National Qualifications Framework transition

This is the first version of this qualification.