

National Vocational Certificate in Automotive Engineering (Level 1) (Automotive Electrical and Electronics)
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level of qualification: 1

	Compulsory	Elective
level 1 credits available	55	-
minimum totals required	55	-

registration date: 15 November 2007

scheduled review date: 2012

body responsible for the qualification: Project Management Unit - Namibia Training Authority

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

1 purpose

This qualification recognises people who have the competencies required for performing basic automotive electrical and electronics tasks. It is awarded to people who have demonstrated the skills and knowledge required to apply safety rules and regulations; apply basic metal joining techniques; plan, organise and complete work; remove and replace electrical or electronic units; use and maintain automotive service tools and equipment; demonstrate knowledge of electrical fundamentals; apply knowledge of automobile basic components and constructions; apply fundamental communication and numeracy competencies in the workplace; and demonstrate knowledge of HIV and AIDS.

This qualification is designed to be accessible and flexible. There are no entry requirements for this qualification.

The main focus is on the outcomes of this qualification, not the how, when and where learning occurred. Some people applying to do this qualification may currently be competent in one or more of the unit standards and should then be given the opportunity to apply for recognition of prior learning.

This qualification leads to the National Vocational Certificate in Automotive Engineering (Level 2) (Automotive Electrical and Electronics).

2 regulations for the qualification

2.1 summary of qualification requirements

This qualification will be awarded to people who are credited with 55 credits and have met the requirements of the compulsory sections.

2.2 detailed qualification requirements

Compulsory

All the unit standards listed below are required.

FIELD: Manufacturing, Engineering and Technology
 Subfield: Automotive Engineering
 Domain: Automotive Electrical and Electronics

Unit No.	Unit Standard Title	Level	Credit
474	Remove and replace electrical or electronic units	1	4
475	Use and maintain automotive service tools and equipment	1	5
476	Demonstrate knowledge of electrical fundamentals	1	6
477	Apply knowledge of automobile basic components and constructions	1	6

AND

FIELD: Manufacturing, Engineering and Technology
 Subfield: Automotive Engineering
 Domain: Automotive Mechanics

Unit No.	Unit Standard Title	Level	Credit
65	Apply safety rules and regulations in an automotive mechanics workshop	1	2
67	Apply basic metal joining techniques used in automotive mechanics	1	2
71	Plan, organise and complete work in an automotive mechanics environment	1	2

AND

FIELD: Health Sciences and Social Services
 Subfield: Core Health
 Domain: HIV and AIDS awareness

Unit No.	Unit Standard Title	Level	Credit
330	Demonstrate knowledge of HIV and AIDS	1	2

AND

FIELD: Physical, Mathematical and Computer Studies
 Subfield: Numeracy

Domain: Foundation Numeracy Skills

Unit No.	Unit Standard Title	Level	Credit
332	Apply basic numeracy skills in English in different contexts	1	8

AND

FIELD: Communication Studies and Languages
 Subfield: Communication Skills
 Domain: Foundation Communication Skills

Unit No.	Unit Standard Title	Level	Credit
333	Apply basic reading skills in English in different contexts	1	6
334	Apply basic writing skills in English in different contexts	1	6
335	Apply basic speaking skills in English in different contexts	1	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

Providers seeking accreditation to deliver this qualification must meet the following special arrangements.

1. Providers involved in the assessment of this qualification and the associated unit standards must comply with the national assessment arrangements for the VET system up to and including level 5 of the Namibia Qualifications Framework. These arrangements apply to all occupations and industries, including automotive electrical and electronics, which are encompassed in the vocational education and training sector. A copy of the national assessment arrangements is available from:

Project Management Unit – Namibia Training Authority

Rand Street

Khomasdal

Namibia

Telephone number: 27 9550

Facsimile number: 27 9551

Email info@nta.com.na

2. Providers of this qualification and the associated unit standards must be accredited.
3. Providers of this qualification and the associated unit standards must have access to all equipment and facilities detailed in the Special Notes and / or Range Statements in the unit standards that comprise this qualification.
4. Providers in receipt of funding through the NTA to deliver this qualification must use the national curriculum and training materials developed by the NTA for the National Vocational Certificate in Automotive Engineering (Level 1) (Automotive Electrical and Electronics).
5. The national curriculum and training materials for this qualification are available from:

Project Management Unit – Namibia Training Authority

Rand Street

Khomasdal

Namibia

Telephone number: 27 9550

Facsimile number: 27 9551

Web: www.nta.com.na

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.