

National Vocational Certificate in Automotive Engineering (Level 3) (Automotive Electrical and Electronics)
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level of qualification: 3

	Compulsory	Elective
level 3 credits available	47	-
minimum totals required	47	-

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 automotive electrical and electronics tasks. It is awarded to people who have demonstrated the skills and knowledge required to install and repair electrical accessories in vehicles; overhaul alternator of a charging system; overhaul starter motor; test and service ignition system; install and service motor vehicle air-conditioning system; develop innovative ideas for the workplace; and use computer based information systems in an automotive workshop environment.

This qualification is designed to be accessible and flexible. The entry requirement is the National Vocational Certificate in Automotive Engineering (Level 2) (Automotive Electrical and Electronics) or equivalent.

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 4) (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 47 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
486	Install and repair electrical accessories in vehicles	3	10
487	Overhaul alternator of a charging system	3	7
488	Overhaul starter motor	3	7
489	Test and service ignition system	3	7
490	Install and service motor vehicle air-conditioning system	3	10

AND

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

Unit No.	Unit Standard Title	Level	Credit
202	Develop innovative ideas for the automotive mechanics workplace	3	4
203	Use computer based information systems in an automotive workshop environment	3	2

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 of programs 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 3) (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.