

Domain**ELECTRICAL INSTALLATION****Title:****Comply with legislation and regulatory requirements of electrical installation****Level: 4****Credits: 3****Purpose**

This unit standard is intended for those who comply with legislation and regulatory requirements of electrical installations. People credited with this unit standards are able to comply with legislation and regulatory requirements of electrical installations.

This unit standard is intended for those who work as electricians.

Special Notes

1. Entry information

Prerequisite

- *None*

2. This unit standard is to be assessed in the context of electrical installation operations and should be assessed in conjunction with other relevant technical unit standards selected from this domain.

3. Assessment evidence may be collected at a real workplace or a simulated workplace environment in which electrical operations are carried out.

4. Glossary of terms:

- '*Isolation and lockout procedures*' refer to isolating an electrical circuit from the source of supply
- '*Specifications*' refers to any, or all of the following: manufacturers' specifications and recommendations, workplace specific requirements, national and international standards and legislations
- '*ISO*' refers to International Organization for Standards
- '*SANS*' refers South African National Standards.

5. Regulations and legislation relevant to this unit standard include the following:

- Labour Act No. 11 of 2007
- Petroleum Products and Energy Amendment Act No. 2 of 2005
- National Energy Fund Act of 2000
- DRAFT No.2 b (29 June 2001)
- Regulations relating to the health & safety of employees at work under Schedule 1 (2) of the Labour Act No.11 of 2007 and all subsequent amendments.
- ISO 14001 (Environmental Management Standard)
- Electricity Act No.4 of 2007

- SANS 10142-1 and SANS 10142-2 electrical wiring codes and all subsequent amendments to any of the above.

Quality Assurance Requirements

This unit standard and others within this subfield may be awarded by institutions which meet the accreditation requirements set by the Namibia Qualifications Authority and the Namibia Training Authority and which comply with the national assessment and moderation requirements. Details of specific accreditation requirements and the national assessment arrangements are available from the Namibia Qualifications Authority on www.namqa.org and the Namibia Training Authority on www.nta.com.na.

Elements and Performance Criteria

Element 1: Comply with legislation and regulatory requirements of electrical installations

Performance Criteria

- 1.1 Legal and ethical responsibilities of an electrician are explained and applied in electrical operations.
- 1.2 Service provision and responsibilities of electricians are explained and applied in electrical operations.
- 1.3 Key legislation relating to electrical operations are explained and applied in line with organisational policies and procedures.
- 1.4 Key electrical regulatory requirements for electrical installation and service are explained and applied in electrical operations.

Registration Data

Subfield:	Electrical Engineering
Date first registered:	24 July 2014
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Body responsible for review:	Namibia Training Authority